

SCREEN LINER APPLICATION IN DOWNHOLE PUMP ASSEMBLY AS OPTIMAL AND EFFICIENT WAY OF PRODUCED SAND PROBLEM HANDLING IN AIR SERDANG WELLS, PHE OGAN KOMERING

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Abstract

Ogan Komering Block, operated by Pertamina Hulu Energy (Ogan Komering) Ltd., is located in South Sumatera, approximately 40 km south of Prabumulih, covered 1,155 km² working area. The Air Serdang field as one of fields in PHE Ogan Komering Area has been producing from Baturaja Formation (BRF carbonate) and Talang Akar Formation (TAF sand) which is consist of sand-stones with range from fine to coarsely grained, and are generally well sorted with good porosity (14% - 22%) and permeability (10 mD - 300 mD). The sand produced from Talang Akar Formation has been influencing performance of the wells due to decreasing well production, formation damage and equipment failures. Several efforts in sand control methods have being tried to reduce the problem. Through the new application of wire-wrapped screen liner installed in the downhole pump, it minimizes the sand problem, improve the oil production and save the well cost operation due to well & equipment failures. This application is to easy, practice in installation & operation and cheaper than other applied sand control methods. In this paper, the successful of this application will be compared with the previous sand control method (sandtrap) based on run life of the well, production impact and cost saving due to reducing impact of well & equipment failures. It also compares the best of wire-wrapped screen slot opening size based on slot opening size ever installed in the oil well to look for the appropriate screen liner size for the future of better sand control method at wells in Air Serdang Field area in particular and Ogan Komering block in general.

Keywords: sand, grain, failure, screen liner, wire-wrapped, slot opening

1. Introduction

Sand produced from formation alongside formation fluids (oil, gas and water) is one of the oldest problems in the oil industry and brings the impacts on safety, economic and environmental problems as its consequences. Sand production happens in oil and gas wells when the formation has low strength and load that causes releasing sand particles flowing with reservoir fluids from formation to the wellbore until the surface.

Preventing the produced sand is very important because it cuts the tubular and surface equipment causing loss of well integrity, reduced oil and gas production, reducing the company profit and the worst

things can cause fatalities in the field operation.

Ogan Komering blok has several active fields, such as Air Serdang as a main productive field, Guruh, North Central Air Serdang, South Air Serdang and Mandala. Figure-1 shows Ogan Komering block area map and active productive fields. Total oil production from this block is about 2,331 BOPD. The block is being produced from Baturaja Formation (BRF carbonate) and Talang Akar Formation (TAF sand) which is consist of sand-stones with range from fine to coarsely grained, and are generally well sorted with good porosity (14% - 22%) and permeability (10 mD - 300 mD). The sand produced from Talang Akar Formation has been influencing

performance of the wells, especially in area Air Serdang and South Air Serdang. The block, especially Air Serdang field has been producing since November 1989. Total development wells in Ogan Komering block is 177 wells, both producer and injector wells where active well producer wells are 51 wells up to date. 87% of producer wells using artificial lift ESP and 13% remaining using Pumping Unit. The Talang Akar formation is being produced by 7 active wells and contributing about 200 BOPD. This formation is facing sand problem creating well failure and increasing cost of operation and reducing oil production, especially ASD-14 well. Figure-3 illustrates well schematic of ASD-14 well. In this paper will discuss couple sand control techniques installed at ASD-14 wells with very low cost operation but giving very effective produced sand prevention with very optimal result in run life, efficient operating cost and keep oil produced.

2. Methodology

There are numerous techniques are available for handling with sand production from the wells. These range from simple application to expensive methods. The selected sand control methods depend on specific site conditions, operating practices and economic considerations¹⁾. The methods that are employed to control sand production among others.

- Maintenance and workover
- Rate exclusion
- Selective completion practices
- Plastic consolidation
- High energy resin placement
- Resin coated gravel
- Slotted liner or screens without gravel packing
- Slotted liner or screens with gravel packing

As selected sand control techniques are chosen based on specific conditions and operating, the best technical solution of sand control may not be the best economic solution. In Air Serdang field, the real issue is which operating practice is the most economic for the field condition due to mature field with low oil production by wells and limited rig equipment and crew's skills in working with down hole sand control equipment.

Based on these conditions and operations, the assessments and evaluations have been identified to choose the optimal sand control methods. Maintenance and workover method through sand bailing, washing and cleaning of surface facilities on a routine basis to maintain well productivity looks the simple and cheap method which is suitable with the operating condition of rig equipment and crews' skill, but it will give the negative impact on high well failures, more rig service needed, low production performance and plugging on surface pipe or surface equipment. This alternative doesn't match with expectation to be implemented in Ogan Komering area. Production rate management and selective completion practices for getting optimal oil rate without sand production will reduce the ability of maximum Talang Akar formation production which also has declining reservoir pressure. Plastic consolidation, placement resin, slotted / screen liner with or without gravel packing becomes challenges in economic consideration which is relatively too expensive for low production wells and creating high reducing pressure drop at low reservoir pressure at Talang Akar formation and more investment in rig equipment to provide the tools to install or doing the well services for screen liner with or without gravel packing installation. It becomes challenges in economical consideration.

The best selected sand control method applied in Air Serdang field is to install the mechanical sand control unit below the down hole pump since the sand production is not too big where the application is cheap and

simple in operating. There are 2 types of down hole sand control units installed below down hole pump are discussing in this paper. The previous model is called sandtrap which is known and sold in the market meanwhile another one as a new designed by the author working together with the screen manufacture which uses wire-wrapped screen with pipebase installed in down hole pump.

2.1 Sandtrap

The sandtrap downhole desander is run in the tubing below a downhole pump. Centrifugal action separates solids such as sand, scale from the fluids. The solid particles settle by gravity into the bull-plugged mud anchor joints or the rathole.

Figure-4 illustrates sandtrap model and figure-5 describes the flowpath of sandtrap mechanical work where formation fluid enters the tubing thru the inlet slots. The fluid must flow down thru a spiral to enter the orifice tube and flow upward to the pump. Centrifugal action created by the fluids flow thru the spiral push solids away from the vortex flow of the orifice tube. Solids settle into the mud anchor or rathole. The clean fluids flow upward thru the orifice tube to the pump²⁾. The price of this sandtrap is about USD 2,000,- per unit.

2.2 Wire-wrapped screen liner

The wire-wrapped screen liner (WSL) was chosen as to filter formation fine from the produced fluid, with the assumption that formation material is continually being deposited on the outer surface. In order for the screen to function properly, it must provide high-sustained flow rates without being eroded. The screen is manufactured by wrapping a triangular shaped (keystone) wire into a section usually referred to as a jacket which the keystone shape minimizes plugging. The jacket can be welded to a pipe base containing 70-140 holes per foot which serves as a structural support and provides filtration. The slot opening can also be wrapped to a specified width, which is typically -0.002 to +0.001 inch³⁾. Figure-8

shows a drawing design of typical wire-wrapped screen. This unit is costly USD 5,500.- per unit and designed by the author with one of screen liner manufacture in Indonesia.

There are 2 type of wire-wrapped screen liner opening size models which was installed at the same well (ASD-14 well) in different production periods. These 2 opening size will also be compared its result to get the best appropriate screen liner slot opening size for Air Serdang field.

3. Ogan Komering Sand Problem and Selected Mechanical Sand Control Method

During 2017, there were 57 workovers (mostly well service activities) by rig in PHE Ogan Komering area as shown in figure-2. One of 3 top well failures during 2017 was ASD-14 well caused by sand problem trapped inside tubing pump. The well is being produced using pumping unit and downhole tubing pump with sandtrap installed below the pump to reduce produced sand. Look at figure-6, the historical well failures at ASD-14 well when the run life of the well is very short and couple WS history showed that the run life was only 1-2 days after put on production after well service. The produced sand flowing inside the barrel of tubing pump in this well as main factor creating the well failure due to pump stuck. Figure-7 showed every well service at ASD-14 always found sand and solid material such as scale trapped inside the barrel. The problem created lost value in money and production opportunity as showed in table-1.

By this condition when current mechanical sand handling (sandtrap) as previous chosen sand control techniques in PHE OK area couldn't handle at well ASD-14, there is opportunity to improve it. Assessment was conducted to technically improve the cheap mechanical sand control techniques but giving the optimal sand production handling. Sandtrap model was observed that its big and length hole caused the fine sand went to the inside of the pump easily. The sand with very

small size combined with carbonate material from Talang Akar formation is also very hard to be removed through gravitational process in sandtrap. Therefore, wire-wrapped screen liner was developed to change the mechanical sand handling process for separation through gravitational process changed to creating the barrier not to allow coarse sand size flows to the inside of tubing pump. The idea using wire-wrapped screen is to control opening slot which will not allow the sand passing and produced through the pump barrel which will cause pump stuck. This alternative will not also need the high cost since the wire-wrapped with pipebase screen not installed in the wellbore but it will be installed below the downhole tubing pump.

To design this kind of wire-wrapped screen liner, Talang Akar formation sand samples was sent to the laboratory for sieve analysis (see table-3). Based on the sieve analysis data, 50 % sand size distribution is < 0.15 mm (100 US Std Mesh or 0.0059 inch) which is grouped as fine sand. Because it will be installed below the tubing pump, so 2-7/8" pipebase was selected with 72 hole/ft in 20 ft length. The slot opening was chosen in 2 types which are 0.0394 inch and another type is 0.012 inch. The consideration to choose these size is hoping the fine sand size still pass the screen and will be produced to surface without disturbing the pump but still produce oil optimally and the coarse sand which can disturb the tubing pump will be stopped at outer surface of the screen. If the slot opening is designed smaller than those size, it will possible create the bigger pressure drop and oil probably couldn't pass the slot opening which causes decreasing the oil production. Figure-9 shows the differences between sand trap and wire-wrapped screen liner where wire-wrapped screen liner has longer length intake and smaller slot opening which will give advantages in blocking the coarse sand & other solids material than sandtrap but giving bigger production due to longer length intake design.

4. Result and Discussion

Refer to table-2 where historically repeated sandtrap installed below 2.5" tubing pump before well service on 25 November 2017 showed not giving the optimal solution in sand control handling at ASD-14 well. Many times, this technique only has run life less than 2 days. The oil production is only 40 BOPD average, but it lost oil production during well down and taking couple days to activate the rig for well service before putting back on production.

On 25 November 2017, when first wire-wrapped screen liner 2-7/8" PBS with 0.0394" slot opening was installed below the 2.5" tubing pump and it could run 99 days. It showed better result compared run life of sandtrap. Oil production and fluid production also showed better result which is almost double about 80 BOPD average.

On 16 March 2017, another slot opening wire-wrapped screen liner 2-7/8" PBS 0.012" with smaller than previous type was installed with 2.5" tubing pump during well service. This type showed not optimal result in oil production when its production is about 28 BOPD average, increasing the gas production from 36 MSCF average to 46 MSCF average. Increasing the gas number showed that oil is more difficult to pass the screen meanwhile the gas is easier to pass the screen as mechanical barrier to flow inside the downhole pump. This condition will not only create more plugging at outer the screen liner but also create possible gas lock inside the tubing pump when more gas flow to the pump while less fluid production.

Figure-10 shows sand and solid plugging on outer surface of wire-wrapped screen liner that proves mechanical barriers to handle sand production at well ASD-14 well is effective enough.

5. Conclusion

Based on the data installation results of sandtrap, wire-wrapped screen liner 0.0394" and 0.012" slot opening can be concluded as follow:

- a) Sandtrap with price USD 2,000,- per unit is alternative cheap sand control method, although in certain condition it's not effective due to giving short run life.
- b) Wire-wrapped screen liner with 2-7/8" PBS in 20 ft length 72 hole/ft 0.0394" slot opening gives the optimal result in run life 99 days, increasing double production from 40 BOPD to 80 BOPD comparing with both 0.0012" slot opening and sandtap. The unit is also cheap USD 5,500,- per unit.
- c) Wire-wrapped screen liner with 2-7/8" PBS in 20 ft length 72 hole/ft 0.012" slot opening also can extend the production 96 days on 1st installation but only 7 days in run life for the 2nd installation. The smaller slot opening size reduced the production almost a half compared with the slot opening 0.0394" and also increased the gas production. The condition will probably create not only more solid material plugging but also probably gas lock condition will more happens.

6. Recommendation

Based on the above conclusions, authors therefore recommend that the wire-wrapped screen liner with 2-7/8" PBS in 20 ft length 72 hole/ft 0.0394" slot opening is the optimal and efficient sand control technique for sand control method to be applied in Ogan Komering area. This technique is simple in operation and inexpensive ways where it is very adequate for the mature fields with low oil production wells.

7. Acknowledgement

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as optimal sand control method and permits to share the result at IATMI symposium 2018.

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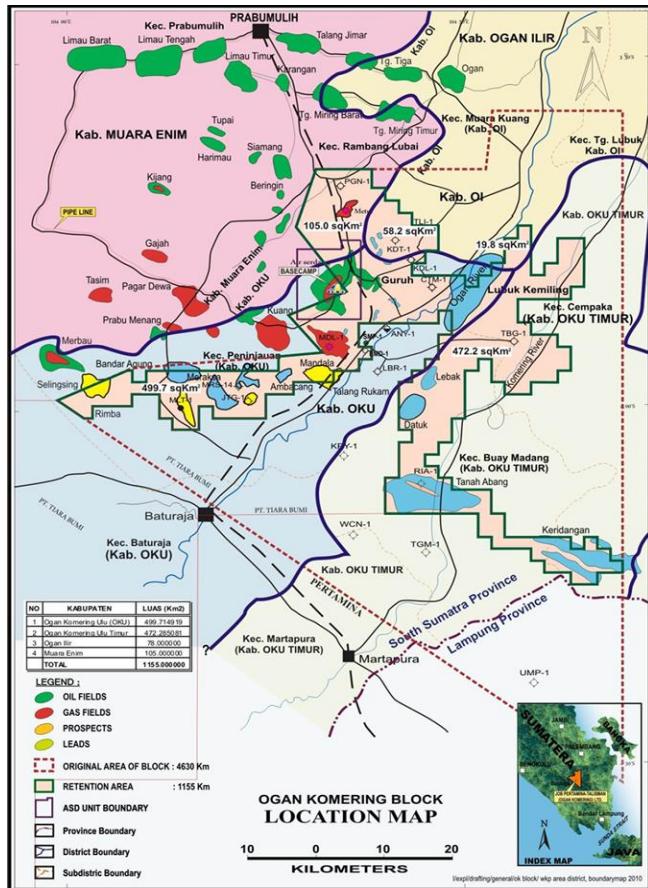


Figure-1. Ogan Komering Block Map

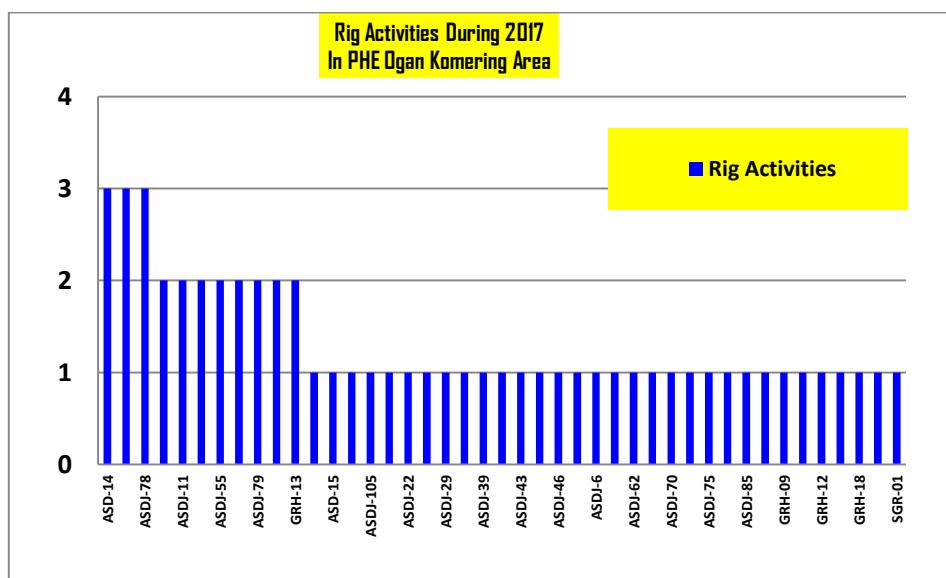


Figure-2. PHE Ogan Komering Rig Activities in 2017

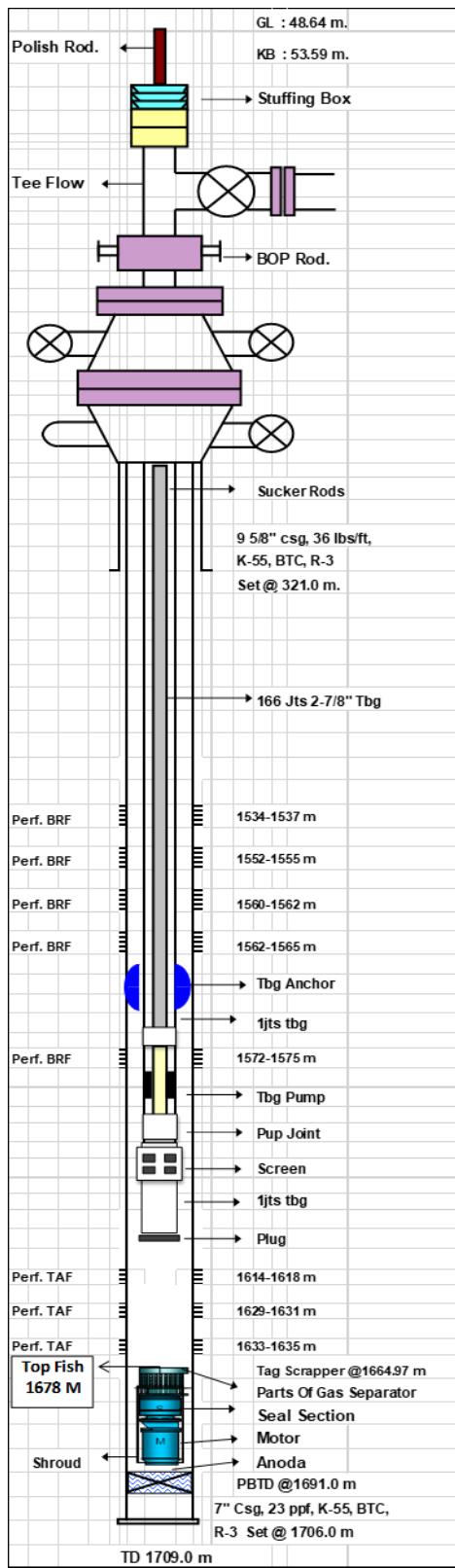


Figure-3. Wellbore schematic of ASD-14 Well

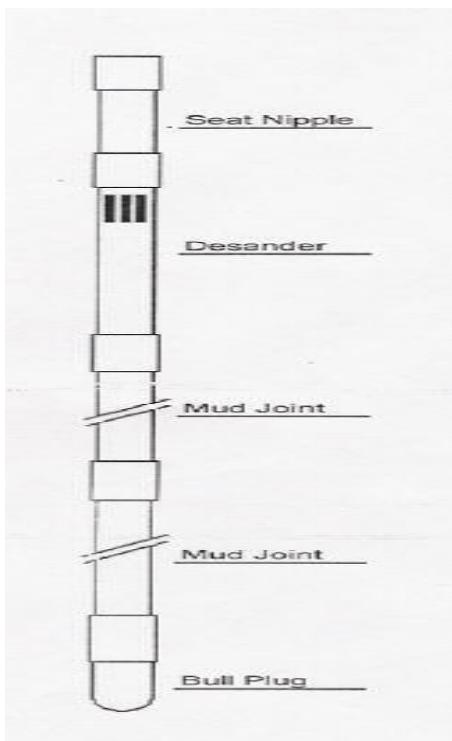


Figure-4. Sand trap model

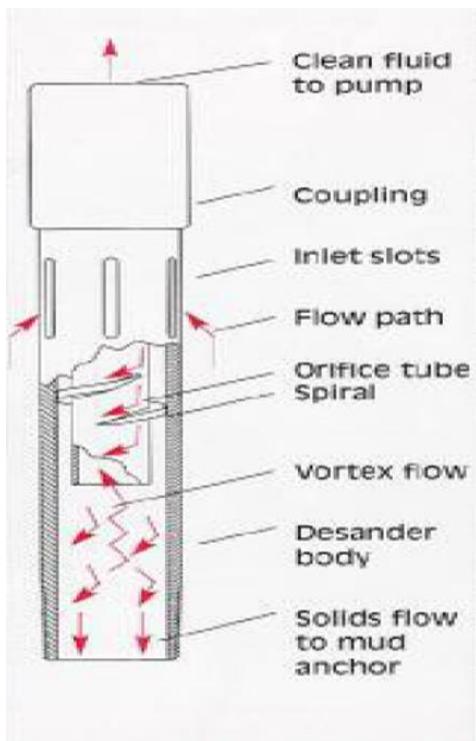


Figure-5. The mechanical work of sandtrap

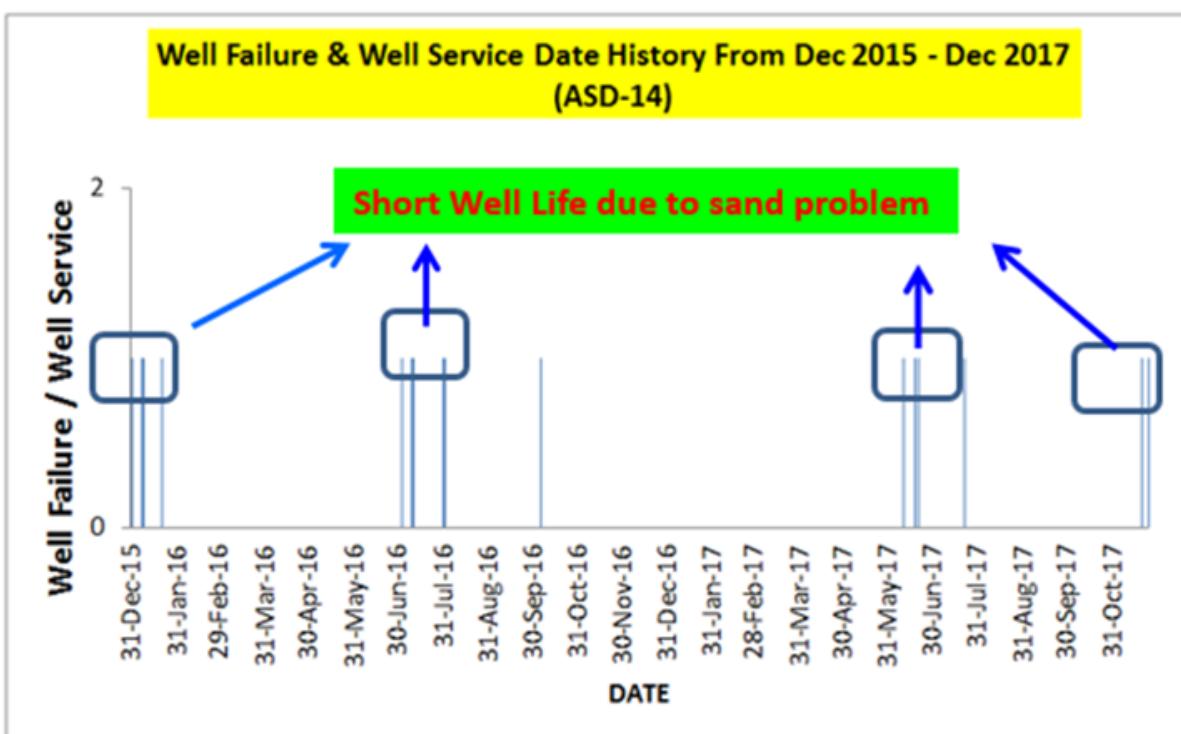


Figure-6. Historical well failure at ASD-14 well



Figure-7. Sand inside the tubing pump during routine WS findings at ASD-14 well

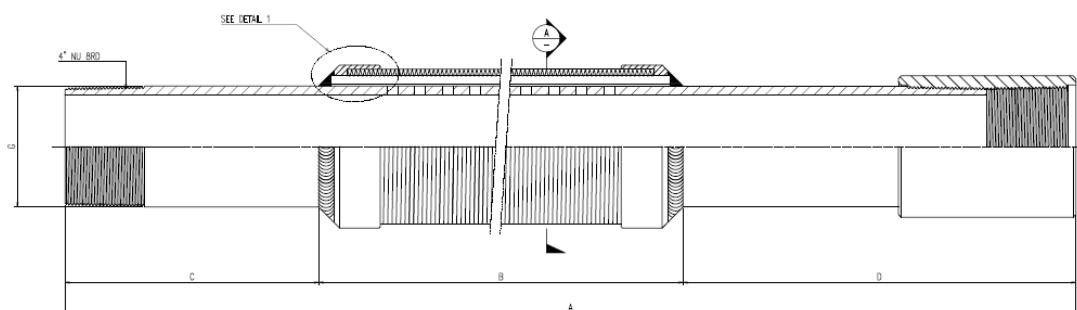


Figure-8. Drawing design of wirewrapped PBS 2-7/8" (slot opening 0.0394" & 0.012")



Figure-9. Comparison between sandtrap vs wire-wrapped screen with PBS 2-7/8"



Figure-10. Wire-wrapped screen liner covered by sand and other solid materials on its outer surface after pulling out during well service at ASD-14

Table-1. Historical Run life, WS cost & Waiting rig for WS at ASD-14

Well Off	Finding Problem	Waiting Well Service (Days)	Run Life (Days)	WS Cost (Rp Million)	Sand Control Methods
31-Dec-15	Pump stuck (sand)				SANDTRAP
07-Jan-16	Well Service	7		461	
08-Jan-16	Pump stuck (sand)		1		SANDTRAP
21-Jan-16	Well Service	13		270	
03-Jul-16	No Liquid Flow (sand)		164		SANDTRAP
10-Jul-16	Well Service	7		280	
11-Jul-16	No Liquid Flow (sand)		1		SANDTRAP
31-Jul-16	Well Service	20		95	
01-Aug-16	No Liquid Flow (sand)		1		SANDTRAP
06-Oct-16	Well Service	66		201	
11-Jun-17	No Liquid Flow (sand)		248		SANDTRAP
19-Jun-17	Well Service	8		260	
21-Jun-17	Pump stuck (sand)		2		SANDTRAP
22-Jul-17	Well Service	31		330	
20-Nov-17	No Liquid Flow (sand)		121		SANDTRAP
25-Nov-17	Well Service	5		231	
4-Mar-18	No Liquid Flow (sand)		99		WSL with PBS 2-7/8", 0.0394"
16-Mar-18	Well Service	12		250	
20-Jun-18	No Liquid Flow (sand)		96		WSL with PBS 2-7/8" 0.012"
4-Jul-18	Well Service	14			
11-Jul-18	No Liquid Flow (sand)		7		WSL with PBS 2-7/8" 0.012"
No Tubing Pump Stock for WS					

Table-2. Production Comparison Among Selected Sand Control Methods at ASD-14 Well
(Sandtrap, Wire-wrapped PBS 2-7/8" 0.0394" and 0.012")

DATE	OIL (BOPD)	LIQUID (BFPD)	GAS (MSCF)	WATER CUT (%)	PERIOD	RUN LIFE	WS COST (Rp. Million)
19-Jun-17	No Test Data Yet				SANDTRAP	1 days	260
27-Jul-17	29	42	27	31	SANDTRAP	121 days	330
11-Aug-17	38	68	39	44			
22-Aug-17	38	87	33	56			
8-Sep-17	34	83	33	59			
9-Sep-17	26	80	33	68			
18-Oct-17	57	246	33	77			
19-Oct-17	53	110	33	52			
30-Nov-17	88	193	34	54	PBS 2-7/8", 0.0394"	99 days	231.3
12-Dec-17	80	162	40	51			
26-Dec-17	72	143	34	50			
19-Mar-18	32	53	56	40			
31-Mar-18	16	162	54	90	PBS 2-7/8" 0.012	96 days	250
28-Apr-18	32	93	35	66			
18-May-18	33	101	38	68			
9-Jul-18	44	66	55	33			
TUBING PUMP PROBLEM AND NO STOCK TUBING PUMP							

Table-3. Sieve analysis of Talang Akar formation sand

TABLE 1A: GRAIN SIZE ANALYSIS DATA							
WELL/FIELD : J-104	LOKASI : JOB PERTAMINA-TALISMAN (OK) LTD.	DEPTH : 1672.42 M					
US STD MESH	WENWORTH SIZE CLASS	GRAIN SIZE INTERVAL (mm)	GRAIN SIZE INTERVAL ^a	WT (gr)	WT (%)	CUM. WT (%)	
5	Boulder	4096.00 - 1 KM	-12 - -20				
		1024.00 - 4096.0	-10 - -12				
		256.00 - 1024.0	-8 - -10				
	Cobble	64.00 - 256.00	-6 - -8				
		16.00 - 64.00	-4 - -6				
	Pebble	4.000 - 16.00	-2 - -4	4.09	4.10	4.10	
		3.360 - 4.000	-1.75 - -2.00	0.58	0.58	4.69	
6	Granule	2.830 - 3.360	-1.50 - -1.75	5.08	5.10	9.79	
7		2.380 - 2.830	-1.25 - -1.50	0.98	0.98	10.77	
8		2.000 - 2.380	-1.00 - -1.25	0.42	0.42	11.19	
10		1.700 - 2.000	-0.75 - -1.00	0.71	0.71	11.90	
12	Very Coarse Sand	1.400 - 1.700	-0.50 - -0.75	0.76	0.78	12.69	
14		1.180 - 1.400	-0.25 - -0.50	0.75	0.75	13.44	
16		1.000 - 1.180	0.000 - -0.25	1.15	1.15	14.59	
18		0.850 - 1.000	0.250 - -0.000	1.29	1.29	15.89	
20		0.707 - 0.850	0.500 - 0.250	0.42	0.42	16.31	
26	Coarse Sand	0.600 - 0.707	0.750 - 0.500	0.97	0.97	17.28	
30		0.500 - 0.600	1.000 - 0.750	1.03	1.03	18.32	
35		0.425 - 0.500	1.250 - 1.000	1.10	1.10	19.42	
40		0.355 - 0.425	1.500 - 1.250	1.80	1.81	21.23	
45	Medium Sand	0.300 - 0.355	1.750 - 1.500	2.56	2.56	23.79	
50		0.250 - 0.300	2.000 - 1.750	6.06	6.02	29.81	
60		0.212 - 0.250	2.250 - 2.000	5.93	5.95	35.76	
70		0.180 - 0.212	2.500 - 2.250	5.48	5.50	41.26	
80	Fine Sand	0.150 - 0.180	2.750 - 2.500	4.08	4.09	45.35	
100		0.125 - 0.150	3.000 - 2.750	9.23	9.26	54.62	
120		0.106 - 0.125	3.250 - 3.000	4.69	4.71	59.32	
140		0.090 - 0.106	3.500 - 3.250	3.38	3.39	62.72	
170	Very Fine Sand	0.075 - 0.090	3.750 - 3.500	2.80	2.81	65.53	
200		0.063 - 0.075	4.000 - 3.750	2.99	3.00	68.53	
230		0.053 - 0.063	4.250 - 4.000	1.39	1.40	69.92	
270		0.045 - 0.053	4.500 - 4.250	1.42	1.43	71.3	
325	Coarse Silt	0.037 - 0.045	4.750 - 4.500	28.55	28.55	100.00	
PAN		0.031 - 0.037	5.000 - 4.750				



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Institut Teknologi Bandung (ITB)



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Mewakili IATMI izinkan saya untuk mengundang seluruh professional migas, perusahaan dan organisasi-organisasi untuk dapat berpartisipasi dan berkontribusi pada acara SIMPOSIUM IATMI 2018 yang akan dilaksanakan **di Padang pada tanggal 1-3 Oktober 2018** dengan mengangkat tema "**Strategi Revolusioner Pengembangan Lapangan, Teknologi dan Kebijakan Migas Guna Meningkatkan Ketahanan Energi Dalam Rangka Ketahanan Nasional**". Tema tersebut sesuai dengan kondisi energi indonesia saat ini dalam menjawab tantangan kedepan.

Pada acara tersebut akan dibahas mengenai strategi pengembangan gas di Lapangan East Natuna dan juga pengembangan gas di Kawasan Indonesia Tengah dan Timur melalui kegiatan utamaplenary session disamping agenda menarik lainnya. Plenary session tersebut diharapkan dapat memberikan ide-ide dan rekomendasi kepada pemerintah sekaligus mensinergikan mengenai strategi pengembangan gas di Indonesia. Tentunya akan banyak manfaat yang didapat pada acara tersebut. Acara ini juga diharapkan dapat menjadi ajang networking dan sinergi antara pemerintahan pusat dan daerah, perusahaan migas dan pendukungnya, professional migas, akademisi, young professional dan mahasiswa.

Sebagai penutup,kami ucapan banyak terimakasih dan sampai bertemu di SIMPOSIUM IATMI 2018.

Salam,
Tutuka Ariadji

Message from

Ketua Simposium IATMI 2018 Waras Budi Santosa

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Simposium dan Kongres kali ini mengambil tema "Strategi Revolusioner Pengembangan Lapangan, Teknologi dan Kebijakan Migas Guna Meningkatkan Ketahanan Energi Dalam Rangka Ketahanan Nasional". Tema ini diusung untuk mendukung dan memberikan rekomendasi juga terobosan strategi-strategi mengenai pengembangan lapangan, teknologi dan kebijakan migas untuk mencapai ketahanan energi dimana pada simposium kali ini lebih di fokuskan mengenai pengembangan gas di Indonesia.

Tema ini sangatrelevan dengankondisi Indonesia saatiniidimana "Tantanganenergi" tanah air semakin besar. Hal ini mengharuskan kita untuk berpikir dan bekerja yang lebih keras untuk mencapai "Ketahanan Energi" di masa datang.Olehkarenainitu, dalammenyelesaikanpermasalahannidiperlukannya "Terobosan Revolusioner" dan juga "Sinergi" seluruh pemangku kepentingan baik pemerintah pusat dan daerah, pelaku industri, akademisi dan pemangku kepentingan lainnya.

Simposium ini diharapkan dapat menjadiahang yang tepatuntuk mendiskusikan tantangan di atas beserta usulan solusi dan juga memberikan kesempatan untuk kita semua untuk berinteraksi dalam sesi teknikal, bisnis dan interaksi sosial. Selain itu acara ini juga ditujukan untuk mempererat networking dengan semangat sinergi dan kolaborasi demi kemajuan energi nasional.

Kami berharap dukungan segenap pemangku kepentingan dalam acara ini sebagai sponsor, pembicara, penulis dan peserta dalam acara ini. Selain itu kami berharap akan adanya pemikiran yang sinergis dan revolusioner yang akan tersalurkan dari acara ini sebagai sumbangsih pengabdian untuk sektor minyak dan gas nasional yang pada akhirnya untuk kemajuan Indonesia.

Semangat SIMPOSIUM IATMI 2018!

Salam,
Waras Budi Santosa



Message from

Wakil Ketua Simposium IATMI 2018

Edwil Suzandi

Pertamina EP International



Simposium IATMI 2018 diselenggarakan untuk menjadi momen yang tepat dalam mewujudkan sinergi nasional guna meningkatkan ketahan energi dalam rangka ketahan nasional. Selain menjadi ajang *networking* dan *transfer knowledge*, acara ini sekaligus menjadi ajang yang sangat ideal bagi anda untuk berkontribusi, memamerkan citra serta memasarkan perusahaan anda kepada stakeholders dan membuat keputusan di industri minyak dan gas bumi di Indonesia melalui kesempatan berpartisipasi sebagai peserta atau sponsor.

Padang, dipilih menjadi tempat yang menarik untuk pelaksanaan acara ini. Banyak acara yang akan diadakan dan sangat menarik untuk diikuti.

Pada kesempatan kali ini Simposium IATMI 2018 dengan bangga akan menyelenggarakan beberapa acara diantaranya:

- **Plenary Session 1,**
Tema: "Rekomendasi Opsi-opsi Strategi Revolusioner Pengembangan Lapangan Natuna East"
- **Plenary Session 2**
Tema: "Rekomendasi Opsi-opsi Strategi Pemanfaatan Lapangan Gas di Kawasan Indonesia Tengah dan Timur"
- **Professional Technical Paper**
- **Student Festival Paper Contest (FPC)**
- **IATMI Technology Workshop**
- **IATMI Short Course "Gas Development & Commercialization"**
- **IATMI Dinner & Ice Breaking**
- **IATMI Minangkabau Trip**
- **IATMI International & Inter-Regional Consolidation**

Adapun paket sponsor yang ditawarkan yaitu:

- **Sponsor Program:** Titanium, Platinum, Gold, Silver
- **Sponsor Events:** IATMI Technology Workshop, Student Festival Paper Contest (FPC), Lunch Session, Minangkabau Trip, Dinner & Ice Breaking
- **Sponsor Item:** Conference Bag, Lanyard, Pen, Notepad, Book Program
- **Sponsor Exhibition**

Untuk menyukseskan acara ini kami berharap partisipasi dari pemerintahan pusat dan daerah, perusahaan migas dan pendukungnya, professional Migas, akademisi, young professional dan mahasiswa menjadi bagian dari program-program menarik yang kami tawarkan. Sampai bertemu di Padang, di acara Simposium IATMI 2018!

Salam,

Edwil Suzandi



IATMI



IATMI (Ikatan Ahli Teknik Perminyakan Indonesia) merupakan asosiasi profesi non profit, didirikan di Jakarta pada 7 Juni 1979 oleh sekelompok profesional Indonesia yang bekerja di bidang industri perminyakan dan geothermal.

Pada saat ini IATMI memiliki lebih dari 10.000 anggota tersebar di seluruh Indonesia & beberapa negara di dunia yang dibagi kedalam berbagai komisariat.

Melalui sinergi dengan stakeholder terkait, IATMI melayani anggotanya dalam meningkatkan pengetahuan, mendukung pengembangan profesional minyak dan gas bumi, bekerja sama dengan organisasi-organisasi profesional lain untuk mempromosikan sinergi dan profesionalisme, dan memberikan rekomendasi-rekomendasi juga terobosan untuk memajukan industri minyak dan gas Indonesia.

LEBIH DARI 10.000
ANGGOTA AHLI MIGAS

"IATMI Terdiri lebih dari 10,000 anggota ahli migas yang tersebar di seluruh Indonesia dan beberapa negara di dunia. Beperan aktif memberikan kontribusi dalam memajukan industri migas nasional dan dunia"

Komisariat IATMI



PETA KOMISARIAT IATMI



"Komisariat dalam dan luar negeri mencakup lebih dari 10,000 anggota dan 15 Seksi Mahasiswa"

Simposium IATMI 2018



**SIMPOSIUM
IATMI 2018**
PADANG | 1-3 OKTOBER 2018

“Strategi Revolusioner Pengembangan Lapangan, Teknologi dan Kebijakan Migas Guna Meningkatkan Ketahanan Energi Dalam Rangka Ketahanan Nasional”

Dihadiri lebih dari 1000 professional dan lebih dari 50 perusahaan migas dan pendukungnya

Ajang networking pemerintahan, perusahaan migas, services &pendukung, dan professional migas

150 paper professional dan poster dipresentasikan

Mencari solusi untuk negeri

Sebagai bagian dari upaya untuk memajukan profesionalisme dan memberikan kontribusi kepada sektorenergi Indonesia, IATMI - Ikatan Ahli Teknik Perminyakan Indonesia dengan bangga akan menyelenggarakan “**SIMPOSIUM IATMI 2018**” di Padang | 1-3 Oktober 2018.

Simposium kali ini mengambil tema “**Strategi Revolusioner Pengembangan Lapangan, Teknologi dan Kebijakan Migas Guna Meningkatkan Ketahanan Energi Dalam Rangka Ketahanan Nasional**”. Tema ini diusung untuk mendukung dan memberikan rekomendasi juga terobosan strategi-strategi mengenai Pengembangan Lapangan, Teknologi dan Kebijakan Migas untuk mencapai ketahanan nasional.

Banyak Acara yang akan diadakan diantaranya **Plenary Session, Professional Technical Paper, Student Festival Paper Contest (FPC), IATMI Technology Workshop, IATMI Short Course, IATMI Dinner & Ice Breaking, IATMI Minangkabau Trip** dan **IATMI International & Inter-regional Consolidation**.

Simposium ini diharapkan dapat menjadi ajang yang tepat untuk berdiskusi mencari solusi untuk negeri dan juga memberikan kesempatan untuk kita semua untuk berinteraksi dalam sesi teknikal, bisnis dan interaksi sosial dengan semangat sinergi dan kolaborasi demi kemajuan nasional.

[Http://simposium.iatmi.or.id](http://simposium.iatmi.or.id)



Committee

Susunan Kepanitiaan Simposium IATMI 2018

Ketua Simposium IATMI

Waras Budi Santosa | SKK Migas

Wakil Ketua Simposium IATMI

Edwil Suzandi | Pertamina Internasional EP

Pelaksana Harian

Gunawan Nurcahyo Wibowo | IATMI
Sekretariat| IATMI

Sponsorship

Aris Mulya Azof | Pertamina Internasional EP
Novie Hernawati | Schlumberger
Lucky Bagus Waskito | CNOOC

Protokol

Wisnu Jalu Akbar | SKK Migas
Hafif Assaf | Medco E&P Natuna
Mitra Eviani | LEMIGAS
Boy Arno Muhamad | Petronas
Julianta Panjaitan | Medco E&P Natuna

Acara & Dinner

Bina Yuanita | VICO

Plenary Session 1

Bambang Widarsono | LEMIGAS

Plenary Session 2

TP Andi Soelistyadi | IMECO

Professional Paper

Luky Hendraningrat | Auroris Energy
Andry Halim | Pertamina UTC
Yunus Alamsyah | Chevron
Achmad soendaroe | PHE WMO
Marda Vidrianto | CNOOC
Andre Cebastiant | Oil Search PNG
Silvya Rahmawati | ITB
Hari Budihardjo | UPN

Student Festival Paper Contest

Herdi Arman Putra | BKPM
Ratnayu Sitaesmi | Trisakti
Onnie Ridalyani | Trisakti
Triharjanto | Sucofindo
Zuher Syihab | ITB
Sutopo | ITB
Sudarmoyo Gunanto | UPN
Arief Pranoto | IATMI
Farasdaq Muchibbus Sajjad | PHE ONWJ
Aditya Surya Wibawa | Petrochina
Yopi Agung Prabowo | OPAC Barata

Workshop & Short Course

Areiyando Makmun | Schlumberger
Syamsul Irham | Trisakti
Suwondo | Saka Energi

IATMI Minangkabau Trip

Farid Febrian | Pertamina Persero

Registrasi

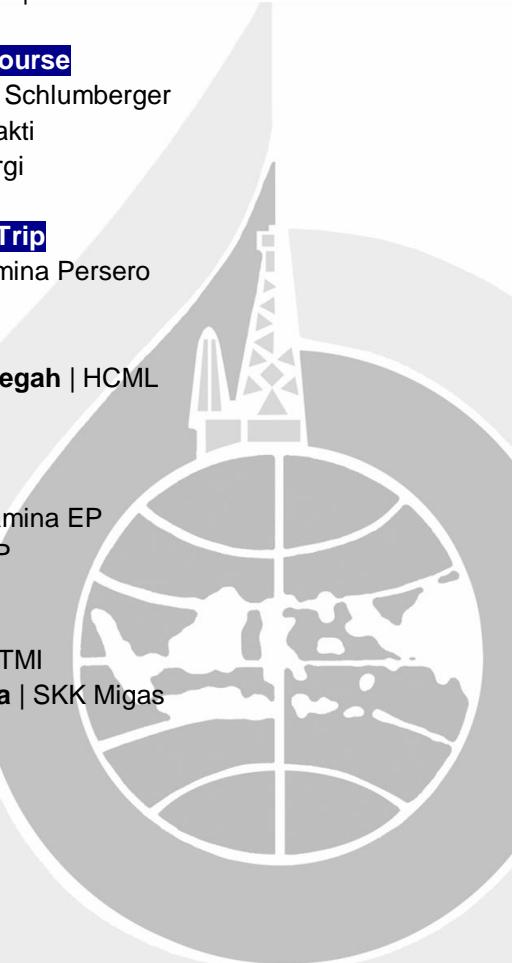
Abdurahman Ali Assegah | HCML
Mahtubah | IATMI

Logistic

Feric Afrinas | Pertamina EP
Wildan | Pertamina EP

Publikasi / Media

Jesta Ghandama | IATMI
Adhitya Cahya Utama | SKK Migas



Agenda

Opening Speech Simposium IATMI 2018



Arcandra Tahar

Wakil Menteri Energi dan Sumber Daya Mineral Republik Indonesia

(Wakil Menteri ESDM)

*Masih dalam konfirmasi

Agenda kegiatan yang akan diadakan selama Simposium IATMI 2018 yaitu:

Agenda

1. Plenary Session 1

"Rekomendasi Opsi-Opsi Strategi Revolusioner Pengembangan Lapangan *Natuna East*"



2. Plenary Session 2

"Rekomendasi Opsi-Opsi Strategi Pemanfaatan Lapangan Gas di Kawasan Indonesia Tengah dan Timur"

3. Professional Technical Paper

4. Student Festival Paper Contest (FPC)
5. IATMI Technology Workshop
6. IATMI Short Course "Gas Commercialization"
7. IATMI Dinner & Ice Breaking
8. IATMI Minangkabau Trip
9. IATMI International & Inter-Regional Consolidation

More Info:

[Http://simposium.iatmi.or.id](http://simposium.iatmi.or.id)



1. Plenary Session 1 | Selasa, 2 Oktober 2018.

Tema: "Rekomendasi Opsi-opsi Strategi Revolusioner Pengembangan Lapangan Natuna East"

Keynote Speech Plenary Session 1:



Ryamizard Ryacudu

Menteri Pertahanan Republik Indonesia

*Masih dalam konfirmasi

Lapangan East Natuna yang berada di Perairan Natuna, Kepulauan Riau merupakan salah satu wilayah kerja yang akan menjadi tulang punggung produksi gas indonesia di masa depan. Dilansir memiliki cadangan sekitar 46 TCF, lapangan yang berada di offshore ini menjadi salah satu fokus pengembangan gas di masa yang akan datang selain Lapangan Gas Masela dan Projek IDD. Pengembangan gas di Natuna tersebut mengalami berbagai kendala yang bertahun-tahun belum berhasil diselesaikan pemerintah dari masa ke masa. Di sisi lain permintaan gas terus meningkat sehingga produksi pada lapangan ini sangat ditunggu. Besarnya kandungan CO₂ berkisar 70% menjadi tantangan utama yang dihadapi ketika berproduksi selain tantangan lainnya. Oleh karena itu dikarenakan pentingnya pengembangan lapangan tersebut perlu adanya terobosan pemecahan masalah secara komprehensif. Pada kesempatan kali ini simposium IATMI 2018 akan menghadirkan plenary session untuk mendiskusikan dan merangkum secara detail mengenai opsi-opsi strategi revolusioner pengembangan Lapangan East Natuna yang dapat diambil agar pengembangan lapangan ini dapat segera direalisasikan.

Moderator

Denie Tampubolon | SVP Upstream Business Development Pertamina

Pengantar

Bambang Widarsono | Dewan Pakar IATMI

Pembicara:

Direktur Jenderal Minyak dan Gas Bumi (Dirjen Migas)

Muhammad Nakir | Direktur Jenderal Strategi Pertahanan, Kementerian Pertahanan

Damos Dumoli Agusman | Direktur Jenderal Hukum dan Perjanjian Internasional

Suahasil Nazara | Kepala Badan Kebijakan Fiskal Kementerian Keuangan

Direktur Utama Pertamina

Pakar Teknologi Pemisahan CO₂**

*Pembicara masih dalam konfirmasi

**Sponsorship opportunity ~ Titanium



2. Plenary Session 2 | Rabu, 3 Oktober 2018.

Tema: "Rekomendasi Opsi-opsi Strategi Pemanfaatan Lapangan Gas di Kawasan Indonesia Tengah dan Timur"

Wilayah Indonesia terdiri atas tiga bagian yaitu, Indonesia bagian barat, tengah, dan timur. Saat ini sebagian besar kegiatan eksplorasi dan produksi migas nasional berada di Indonesia bagian barat. Pengembangan migas indonesia tengah dan timur perlu dikejar guna meningkatkan ketahanan energi nasional terutama pada potensi produksi gas yang dimiliki. Ketidakseimbangan supply dan demand gas indonesia saat ini perlu kita cari jalan keluarnya salah satunya dengan mendorong percepatan pengembangan dan pemanfaatan gas di wilayah tersebut.

Pengembangan migas indonesia timur perlu dikejar guna meningkatkan ketahanan energi nasional terutama pada potensi produksi gas yang dimiliki. Ketidakseimbangan supply dan demand gas indonesia saat ini perlu kita cari jalan keluarnya salah satunya dengan mendorong percepatan pengembangan dan pemanfaatan gas di Indonesia timur. Tentunya dalam mengembangkan lapangan di Indonesia timur terdapat tantangan khusus yang perlu dijawab diantaranya pengembangan yang rata-rata merupakan laut dalam dan juga infrastruktur yang terbatas selain tantangan-tantangan lainnya yang perlu dihadapi seperti aspek pemanfaatan gas tersebut.

Selain pengembangan dan pemanfaatan gas di Indonesia Timur, tentunya wilayah Indonesia tengah perlu untuk dikaji kembali terutama pada pemanfaatan gas yang ada. Hal ini disebabkan karena Pengembangan dan Pemanfaatan gas di wilayah tersebut sudah banyak berjalan dan kebutuhan gas di area tersebut relatif tinggi. Oleh karena itu industri gas di wilayah Indonesia Tengah juga perlu didorong.

Sesuai penjelasan diatas, pada kesempatan kali ini simposium IATMI 2018 akan menghadirkan plenary session untuk mendiskusikan dan merangkum secara detail memengenai Tata kelola gas di Indonesia khususnya mengenai opsi-opsi strategi pemanfaatan lapangan gas di Kawasan Indonesia Tengah dan Timur.

Moderator

DR. Ir. Insannul Kamil, M.Eng | Dekan Fakultas Teknik Universitas Andalas (UNAND)

Perbicara:

Amien Sunaryadi | Kepala SKK Migas

Heru Kustanto | Direktur Jenderal Pengembangan dan Perwilayahan Industri

Sofyan Basir | Direktur Utama PLN

Bakir Pasaman | Direktur Utama Pupuk Kaltim Indonesia

Gigih Prakoso | Direktur Perencanaan Investasi Pertamina

Dharmawan Samsu | Head of Country BP Indonesia **

*Pembicara masih dalam konfirmasi

** Sponsorship opportunity ~ Titanium

Kawasan Indonesia Tengah dan Timur



3. Professional Technical Paper| Selasa-Rabu, 2-3 Oktober 2018.



The banner features the IATMI logo at the top left, followed by the text "SIMPOSIUM IATMI 2018" in large white letters, "PADANG | 1-3 OKTOBER 2018" below it, and the tagline "Strategi Revolusioner Pengembangan Lapangan, Teknologi dan Kebijakan Migas Guna Meningkatkan Ketahanan Energi Dalam Rangka Ketahanan Nasional". A large "CALL FOR PAPER" section is centered, with a "PAPER CATEGORY" list to its left. The list includes: 1. Reservoir Engineering, 2. Production Engineering, 3. Drilling & Completion, 4. Workover & Stimulation, 5. Well Integrity, 6. Surface Facilities, 7. Enhanced Oil Recovery, 8. Unconventional Resources, 9. Formation Evaluation, 10. Petroleum Geology & Geophysics, 11. Health, Safety & Environment, 12. Business and Commercial, 13. Supply Chain Management, 14. Human Resources, and 15. Project Management. To the right of the list is a collage of four images: a group of people at a conference, a traditional Indonesian building, a person in a red costume, and a group of people holding awards. Below the collage, instructions for submitting abstracts are provided, along with an abstract template link. At the bottom, there is a green bar with the text "more info: [Http://simposium.iatmi.or.id](http://simposium.iatmi.or.id)" and an email address. The abstract deadline is listed as "ABSTRACT DEADLINE: 16 July 2018" with a note about acceptance notification. The footer contains the text "IKATAN AHLI TEKNIK PERMINYAKAN INDONESIA (IATMI)" and its address.

PAPER CATEGORY

- 1. Reservoir Engineering
- 2. Production Engineering
- 3. Drilling & Completion
- 4. Workover & Stimulation
- 5. Well Integrity
- 6. Surface Facilities
- 7. Enhanced Oil Recovery
- 8. Unconventional Resources
- 9. Formation Evaluation
- 10. Petroleum Geology & Geophysics
- 11. Health, Safety & Environment
- 12. Business and Commercial
- 13. Supply Chain Management
- 14. Human Resources
- 15. Project Management

Submit your abstract through
[Http://simposium.iatmi.or.id](http://simposium.iatmi.or.id)
or email to Paper@iatmi.or.id

Abstract Template:
[Http://tinyurl.com/yc2879hw](http://tinyurl.com/yc2879hw)

more info: [Http://simposium.iatmi.or.id](http://simposium.iatmi.or.id)
Email: simposium@iatmi.or.id | Mahtubah: 0896.7327.7583

ABSTRACT DEADLINE: 16 July 2018

Notification of acceptance: 31 July 2018

IKATAN AHLI TEKNIK PERMINYAKAN INDONESIA (IATMI)
Kompleks Perkantoran "PPITMIGAS" Lembaran, Gedung Perwakilan 11, 2 Ciledug Raya Km. 150 Cipular, Kebayoran Lama, Jakarta Selatan 12230 | 021-739.4622 Ext. 1914 | [www.iatmi.or.id](http://iatmi.or.id) | paper@iatmi.or.id

Pada program Professional Technical Paper Simposium IATMI 2018 ini, akan terdapat total 150 professional technical paper maupun poster yang dipresentasikan yang merupakan pembahasan topik-topik terkini di dunia migas. Presentasi dan tanya jawab akan disampaikan dalam waktu 30 menit setiap papernya dan dihadiri banyak professional-professional migas. Kegiatan ini diharapkan dapat menjadi jembatan keilmuan dalam bidang migas yang pada akhirnya dapat menjadi referensi keilmuan dan dapat diaplikasikan dalam memajukan energi nasional.

Adapun cakupan katagori paper diantaranya:

- 1. Reservoir Engineering
- 2. Production Engineering
- 3. Drilling & Completion
- 4. Workover & Stimulation
- 5. Surface Facilities
- 6. Enhanced Oil Recovery
- 7. UnconventionalResources
- 8. Formation Evaluation
- 9. Petroleum Geology & Geophysics
- 10. Health, Safety & Environment
- 11. Business and Commercial
- 12. Supply Chain Management
- 13. Human Resources
- 14. Project Management

4. Student Festival Paper Contest (FPC) | Senin, 1 Oktober 2018.

IATMI sejak berdiri tahun 1979 secara reguler telah menjalankan program Penerbitan Jurnal Ilmiah, Kursus keprofesian, Konferensi Ilmiah, Simposium, Seminar dsb dalam mendukung pengembangan keprofesian ahli Teknik Perminyakan di Indonesia. Kepengurusan IATMI periode 2016-2019 dalam merealisasikan Visi "**Menyatukan Akademisi dengan Masyarakat Industri**" berencana menjalankan program baru dengan tajuk **Festival Paper Contest**. Program yang dimaksud merupakan kontestasi hasil penelitian Tugas Akhir (TA) mahasiswa dengan melibatkan profesional industri Migas sebagai salah satu Tim Pengaji pada sidang sarjana. IATMI berkeinginan untuk membangun & menjembatani interaksi yang lebih intensif antara civitas academica dengan profesional industri Migas yang diharapkan menjadi relasi yang saling mendukung dalam meningkatkan kompetensi & profesionalitas ahli perminyakan di Indonesia.

Student Festival Paper Contest (FPC) diadakan sebagai program untuk mempersiapkan generasi energi masa depan melalui kompetensi penulisan paper. Kegiatan ini akan menjangkau seluruh Seksi Mahasiswa IATMI di Indonesia dari barat hingga timur indonesia. Pelaksanaan kompetisi akan diadakan secara regional dari masing-masing universitas untuk mendapatkan juara perwakilan regional. Di acara puncak juara regional akan dilombakan kembali di tingkat nasional pada simpsoium IATMI 2018.

16 daftar Seksi Mahasiswa IATMI di Indonesia yang ditargetkan akan mengikuti Student Festival Paper Contest (FPC):

- | | |
|--|--|
| <input type="checkbox"/> Institut Teknologi Bandung (ITB) | <input type="checkbox"/> Akamigas Balongan |
| <input type="checkbox"/> Universitas Trisakti | <input type="checkbox"/> Stem Akamigas Cepu |
| <input type="checkbox"/> UPN Veteran Yogyakarta | <input type="checkbox"/> STT Migas Balikpapan |
| <input type="checkbox"/> Universitas Indonesia (UI) | <input type="checkbox"/> Universitas Proklamasi (UNPROK) |
| <input type="checkbox"/> Institut Teknologi Sains Bandung (ITSB) | <input type="checkbox"/> Universitas Diponegoro (UNDIP) |
| <input type="checkbox"/> Universitas Islam Riau (UIR) | <input type="checkbox"/> Universitas Papua |
| <input type="checkbox"/> Universitas Sriwijaya (UNSRI) | <input type="checkbox"/> Universitas Pertamina |
| <input type="checkbox"/> Akamigas Palembang | <input type="checkbox"/> Universitas Islam Indonesia (UII) |





5. IATMI Technology Workshop | Selasa-Rabu, 2-3 Oktober 2018.

Judul: "Aplikasi Teknologi Terkini Dalam Peningkatan Produksi Minyak dan Gas"

Pada program IATMI Technology Workshop Simposium IATMI 2018 ini, akan terdapat 5nara sumber. Topik-topik yang akan dibahas adalah mengenai aplikasi dan case study dan juga regulasi dalam peningkatan produksi. Kegiatan akan didakan selama 2 hari. Presentasi dan tanya jawab akan disampaikan dalam waktu 1 jam untuk masing-masing nara sumber. kegiatan ini akan dihadiri banyak perusahaan-perusahaan migas dan pendukungnya serta professional-professional migas. Kegiatan ini diharapkan dapat menjadi jembatan keilmuan dalam bidang migas dan referensi aplikasi teknologi yang dapat diterapkan dalam peningkatan produksi yang pada akhirnya akan memajukan energi nasional.

Judul-judul Workshop:

1. Enhance Oil Recovery Case Study*
2. Aplikasi Teknologi dalam Peningkatan Produksi*
3. Gambaran Outlook Migas Indonesia dan Global*
4. Peraturan Baru mengenai Komersialisasi Gas
5. Implementasi Gross Split di Indonesia

(*) Ditawarkan untuk sponsorship



6. IATMI Short Course | Senin, 1 Oktober 2018.

Judul: "Gas Development & Commercialization"



Program IATMI Short Course ini merupakan kegiatan training yang dilaksanakan selama 1 hari. Training ini akan membahas mengenai "Gas Development & Commercialization" yang akan dibawakan oleh trainer professional dan berpengalaman pada bidangnya. Training ini akan sangat cocok diikuti untuk perusahaan ataupun professional-professional yang bergerak dalam industri gas. Selain itu Kegiatan ini akan diintegrasikan dengan acara pada simposium IATMI 2018 yang membahas mengenai case study terkait strategi pengembangan Lapangan East Natuna dana Kawasan Indonesia timur. Selain mengikuti training, peserta pun akan mendapat paparan materi secara langsung dari para tokoh migas pada plenary session tersebut.

Materi Training:

- Pengembangan Lapangan Gas di Indonesia
- Eksploitasi cadangan& neraca gas Indonesia
- Realisasi pemanfaatan gas bumi di Indonesia
- Tata kelola dan peraturan terkait bisnis gas di Indonesia
- Beberapa contoh kasus terkait komersialisasi dan pemanfaatan gas
- Kerekonomian pengembangan gas
- Overview LNG di Indonesia
- Skema Bisnis LNG saat ini& mekanisme pemasaran LNG
- Gambaran mengenai aspek legal komersialisasi gas



7. IATMI Dinner & Ice Breaking | Senin, 1 Oktober 2018.



IATMI Dinner dan Ice breaking diadakan untuk menyambut kedatangan seluruh peserta sebelum memulai rangkaian acara Simposium IATMI 2018. Kegiatan ini diadakan sebagai "warming up" dan ajang perkenalan seluruh peserta. Pada acara tersebut akan diakan acara makan malam dan diiringi kegiatan entertainment. Pada acara ini pun akan diawali technical meeting persiapan untuk beberapa kegiatan sebelum makan malam bersama. Kegiatan ini diharapkan adapt membuat peserta menjadi penuh semangat dalam mengikuti keseluruhan acara hingga acara penutupan.

8. IATMI Minangkabau Trip | Minggu-Senin, 30 Sep – 1 Okt 2018.



Untuk membuat acara jauh lebih menarik kami pun menyediakan program IATMI Minangkabau Trip yaitu kegiatan wisata untuk berkunjung ke tempat-tempat menarik di Padang. Kegiatan ini akan dimulai selama 2 hari sebelum kegiatan utama Simposium IATMI 2018 dimulai. Kegiatan ini diharapkan dapat menjadi ajang untuk berwisata bersama keluarga sekaligus membuat peserta menjadi lebih "Fresh" sebelum mengikuti rangkian acara simposium IATMI selama 3 hari. Kegiatan ini juga diharapkan dapat menjadi ajang untuk mendorong pariwisata di Padang.

Rencana perjalanan:

- Padang City Tour
- Bukit Tinggi City Tour

9. IATMI International & Inter-Regional Consolidation | Selasa, 2 Okt 2018.



Program IATMI International & Inter-Regional Consolidation ini merupakan acara IATMI untuk berkordinasi dengan seluruh Komisariat IATMI baik didalam Negeri maupun di luar negeri. Kegiatan ini menjadi ajang untuk bersilaturahmi sekaligus berkordinasi dalam menyusun beberapa target-target IATMI dalam bidang keenergian.

Jadwal

Simposium IATMI 2018

Waktu	Durasi	Ballroom	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
Minggu-Senin, 30 September - 1 Oktober 2018 (PRE-Event)										
Padang City Tour										
Bukit Tinggi City Tour										
Senin, 1 Oktober 2018 (PRE-Event)										
07.30 - 08.00	30									
08.00 - 10.00	120		IATMI Short Course "Gas Development & commercialization"	Student Festival Paper Contest						
10.00 - 10.15	15		Break							
10.15 - 12.00	105		IATMI Short Course "Gas Development & commercialization"	Student Festival Paper Contest						
12.00 - 13.00	60		Lunch							
13.00 - 15.00	120		IATMI Short Course "Gas Development & commercialization"	Student Festival Paper Contest						
15.00 - 15.15	15		Break							
15.15 - 17.00	105		IATMI Short Course "Gas Development & commercialization"	Student Festival Paper Contest						
17.00 - 18.30	90									
18.30 - 21.00	150	IATMI Dinner & Ice Breaking								
Selasa, 2 Oktober 2018 (OPENING)										
07.30 - 08.00	30									
08.00 - 09.00	60	Opening Ceremony : Arcandra Tahar Wakil Menteri ESDM								
09.00 - 12.00	180	Plenary Session 1 "Rekomendasi Opsi-opsi Strategi Revolusioner Pengembangan Lapangan Natuna East"								
12.00 - 13.00	60	Lunch								
13.00 - 15.00	120		IATMI Workshop Judul-judul Worshop: 1. Enhance Oil Recovery Case Study	Professional Paper	Professional Paper	Professional Paper	Professional Paper	Professional Paper	Professional Paper	Professional Paper
15.00 - 15.15	15		2. Aplikasi Teknologi dalam Peningkatan Produksi				Break			
15.15 - 17.00	105		3. Gambaran Outlook Migas Indonesia dan Global	Professional Paper	Professional Paper	Professional Paper	Professional Paper	Professional Paper	Professional Paper	Professional Paper
17.00 - 18.30	30									
18.30 - 21.00	150	IATMI International & Inter-regional Consolidation								
Rabu, 3 Oktober 2018 (CLOSING)										
08.00 - 09.00	60									
09.00 - 12.00	180	Plenary Session 2 : "Rekomendasi Opsi-Opsi Strategi Pemanfaatan Lapangan Gas di Kawasan Indonesia Tengah dan Timur"								
12.00 - 13.00	60	Lunch								
13.00 - 15.00	120		IATMI Workshop 4. Regulasi-regulasi terbaru sektor migas 5. Implementasi PSC Gross Split di Indonesia	Professional Paper	Professional Paper	Professional Paper	Professional Paper	Professional Paper	Professional Paper	Professional Paper
15.00 - 15.30	30						Break			
15.30 - 17.00	90	Closing Ceremony								

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39	IATMI 18-039	Setia Bungsu Komarudin	Pertamina EP	Enhanced Oil Recovery	CO2 Injection by Huff & Puff at Jatibarang Field
40	IATMI 18-040	Andi Wardhana Bachtiar	Pertamina EP	Enhanced Oil Recovery	Pertamina Eor Production Data Mart (Pdm) For Faster, More Efficient Waterflood Decision-Making
41	IATMI 18-041	Pungki Eka Erwanto	PT. Pertamina EP	Enhanced Oil Recovery	Preparation for Implementation of MEOR by Nutrient Injection in Bentayan Field, South Sumatera
42	IATMI 18-042	Sutopo	ITB	Enhanced Oil Recovery	Proxy Model of Optimum Well Spacing on Waterflood Development Models
43	IATMI 18-043	Sigit Sulistio W	PT Pertamina EP	Enhanced Oil Recovery	Implementing Most Recent Technology Using Nanoparticles as Enhanced Oil Recovery Technique at Pattern-13, Block D2, Layer Z600 at Rantau Field
44	IATMI 18-044	Syaeful Azwar	Pertamina EP	Enhanced Oil Recovery	Sensitivity Study of CO2 Huff & Puff Jatibarang using Compositional Simulator
45	IATMI 18-045	Lutfi Andhika	LAPI ITB	Enhanced Oil Recovery	INVESTIGATION THE EFFECT OF WETTABILITY ALTERATION DUE TO IMMISCIBLE CO2 INJECTION IN SANDSTONE RESERVOIR
46	IATMI 18-046	Taufan Marhaendrajana	ITB	Enhanced Oil Recovery	Wettability Change Mechanism Caused by Changes in Rock Surface Roughness During Low Salinity Waterflooding
47	IATMI 18-047	Doddy Abdassah	ITB	Enhanced Oil Recovery	Natuna D-Alpha Gas Utilization to Increase Oil and Gas Recoveries in Indonesia
48	IATMI 18-048	Amrizal	PHE ONWJ	Formation Evaluation	SUCCESS STORY OF LOW RESISTIVITY RESERVOIR DEVELOPMENT THROUGH HYDRAULIC FRACTURING STIMULATION IN KL FIELD

49	IATMI 18-049	Erick Prim Putra	HCML	Formation Evaluation	The Effect of Mn3O4-K Formate Mud on LWD/LWT Measurement and Solving Interpretation: Case Study of HPHT Gas Field, Offshore Madura Strait, East Java
50	IATMI 18-050	Muhammad Aldie Syafaat	PT.Pertamina EP	Formation Evaluation	SATURATION LOG EVALUATION CONTRIBUTION FOR WORKOVER SUCCESS RATIO IN BUNYU FIELD
51	IATMI 18-051	Muhammad A Gibrata, PhD	Dragon Oil	Formation Evaluation	An Innovative Integrated Reservoir Characterization Driven by Modified Saturation Height-RRT Model (SCAL based) for a Reliable Reservoir Modeling in Complex Sandstone Reservoirs
52	IATMI 18-052	Rizaldy Rahardian	JOB Pertamina Medco E&P Tomori Sulawesi	Formation Evaluation	Facies Characterization and Depositional Environment Relationship of Miocene Carbonates Reservoir in Senoro Block, Central Sulawesi
53	IATMI 18-053	Angga Suhikmat	PPPTMGB LEMIGAS	Formation Evaluation	Equation Comparison for Saturation Water in Carbonate Reservoir: Case study Miocene Carbonate Baturaja Reservoir, North West Java Basin
54	IATMI 18-054	Maychel Beta Wibowo	PT. Total Safety Energy	HSE	Microbial Bioremediation For Acceleration and Effectivity Crude Oil Contaminated Soil (COCS)
55	IATMI 18-055	Febi Mardianto	PT Pertamina EP Asset 5 Sangatta Field	HSE	Identification of Contaminated Area through Combination of Geoelectric and Grid Sampling to Determine more Accurate Volume of Contaminated Soil
56	IATMI 18-056	Sidik Mastrilianto	Chevron Indonesia Company	HSE	Program of Control in Process Safety at Oil & Gas Operations phase as part of Safety Management System

57	IATMI 18-057	Dr. Udi Syahnoedi Hamzah	Magister, Universitas Trisakti	HSE	Life Cycle Analysis of Activities, Products and Services to Achieve Sustainable Oil and Gas Company
58	IATMI 18-058	Darojatun Fakhrul Dzakirin	JOB Pertamina Medco E&P Tomori	Petroleum Geology & Geophysic	Compartment Analysis Using Fault Seal Prediction in Syn-Drifting Miocene Carbonate Reservoir of Banggai Basin and Its Implication to Field Development
59	IATMI 18-059	Ayat Ramahwanto	PHE WMO	Petroleum Geology & Geophysic	UNLOCKING NEW UPSIDE POTENTIAL KUJUNG-I CARBONATE PLATFORM IN "ELEMEL" FIELD – PHE WMO
60	IATMI 18-060	Chandra Mustofa Eka Putra	PT. Pertamina EP	Petroleum Geology & Geophysic	The uniqueness of architectural Transgressive Succession character of Keutapang formation to assist the increase production in Rantau field
61	IATMI 18-061	Yurry Putra Nusantara	Lemigas	Petroleum Geology & Geophysic	Geochemical Characteristic and Correlation of Oil Seepage in Boyolali, Center Java, Indonesia
62	IATMI 18-062	Rizki Kurniawan	PT. Chevron Pacific Indonesia	Petroleum Geology & Geophysic	Successful Application of Imaginary Stratigraphy Boundary from Production Mapping for Infills Project in Mature Fields, Central Sumatra Basin, Indonesia
63	IATMI 18-063	Muhammad Rizky Harun	PT.Pertamina EP	Petroleum Geology & Geophysic	GEOMECHANICAL ANALYSIS AND SAND PRODUCTION PREDICTION IN DEVELOPMENT WELL, CASE STUDY IN BUNYU FIELD
64	IATMI 18-064	Muhammad Marwan	PT. Pertamina EP	Petroleum Geology & Geophysic	Optimization Oil Recovery for the Development of Rantau Field by Using Quantitative Interpretation Seismic :Inversion model, RMS attribution and Density Porosity Multi Attribution

65	IATMI 18-065	Adi Januardi	University of Indonesia	Petroleum Geology & Geophysic	Q Value Estimation Using Trace Matching Method to Enhance Seismic Data Resolution Case Study of "AJ" Field
66	IATMI 18-066	Andi Fadly	PT. Pertamina EP Cepu	Petroleum Geology & Geophysic	Characterization of Carbonate Reservoir in Building GeoModel Jambaran-Tiung Biru Field, Cepu Block.
67	IATMI 18-067	Teddy Eka Putra	PT. Pertamina (Persero)-UTC	Petroleum Geology & Geophysic	Discovery of Hydrocarbon Potential by using Multi Attribute Seismic Facies Analysis of Ciputat Sub Basin, Indonesia
68	IATMI 18-068	Putu Yoga Pratama Dewantara	JOB Pertamina Medco E&P Tomori Sulawesi	Petroleum Geology & Geophysic	The Relationship of Rock Properties and Elastic Properties by Using Integrated Seismic Quantitative Interpretation Methods to Characterize Carbonate Facies Banggai Basin
69	IATMI 18-069	Irwansyah	LEMIGAS	Petroleum Geology & Geophysic	HIGH RESOLUTION BIOSTRATIGRAPHY AND CORRELATION ACCROSS PALEOGENE BOUNDARIES IN THE OMBILIN BASIN, WEST SUMATRA
70	IATMI 18-070	I Dewa Made Raditya Margenta	JOB Pertamina - Medco E&P Simenggaris	Petroleum Geology & Geophysic	S Wave Velocity Prediction in Consolidated Sands Reservoir, Tarakan Basin, Simenggaris Block
71	IATMI 18-071	Alvin Derry Wirawan	PHE ONWJ	Production Engineering	Equalized Method: A New Method for Optimizing Gas Lift Spacing Design
72	IATMI 18-072	Atria Jarot Herwibowo	Pertamina Hulu Mahakam	Production Engineering	CHOKE Erosion Monitoring Tools for Production Optimization, Cost Efficiency, and Better Safety
73	IATMI 18-073	Nugroho Marsiyanto	PHE Ogan Komering	Production Engineering	SCREEN LINER APPLICATION IN DOWNHOLE PUMP ASSEMBLY AS OPTIMAL AND EFFICIENT WAY OF PRODUCED SAND PROBLEM HANDLING IN AIR SERDANG WELLS, PHE OGAN

74	IATMI 18-074	Mario Andre Yogasugama	Chevron Pacific Indonesia	Production Engineering	Real Time Surveillance as Key Enabler to Digital Oilfield Operation
75	IATMI 18-075	Adnan Syarafi Ashfahani	PERTAMINA Hulu Mahakam	Production Engineering	Field Integrated Model for Better Decision Making: Mature Field Production Optimization for Bekapai Field
76	IATMI 18-076	Anggun Yogi Pamungkas	PT Pertamina EP	Production Engineering	Multi Problem Resolver to Overcome Gas Interference and Sand Problem on Sucker Rod Pump in Pertamina EP Sangatta Field
77	IATMI 18-077	Kautsar Amru	Medco E&P Indonesia	Production Engineering	New Acid Stimulation Era: Matrix Acidizing at Sandstone and Limestone with Chelating Acid System
78	IATMI 18-078	Rasanuddin	PT. Pertamina EP	Production Engineering	Ogan Structure Production Enhancement Through Revolutionary Strategy and Paradigm Changes of Hydraulic Fracturing at PT Pertamina EP Asset 2 Prabumulih Field, South Sumatera -Indonesia
79	IATMI 18-079	Clarissa Tyas Puspita	PHE ONWJ	Production Engineering	Improving Well Performance with Bottom Feeder Intake on Electric Submersible Pump in Gassy Wells
80	IATMI 18-080	Hidayatull Hendra	BOBCPP	Production Engineering	Bangko Shaly Sand Is The Key For The Future To Be Main Reservoir And Increase Oil Production With The Fracturing Stimulation In Beruk Field, Coastal Plan Pekanbaru Block, Central Sumatra Basin
81	IATMI 18-081	Milla Voni	Medco E&P Natuna Ltd	Production Engineering	Application of "Virtual Pressure Gauge" for The Selection of Vertical Multiphase Flow Correlation In The Gas Lifted Well To Achieve Proper Tubing Outflow Analysis

82	IATMI 18-082	Rizky Ahdia	PHE ONWJ	Production Engineering	Production Improvement Success Story Using PPO at Intermittent wells in Echo Field, PHE ONWJ
83	IATMI 18-083	Lucky Bagus Waskito	CNOOC SES Ltd	Production Engineering	INTEGRATED FULL-FIELD NETWORK MODELING WITH LIQUID VELOCITY APPROACH TO OPTIMIZE PRODUCTION PERFORMANCE OF MATURE OFFSHORE OIL FIELD IN SOUTH EAST
84	IATMI 18-084	Muhammad Andromedae	BP Berau Ltd	Production Engineering	Production Optimization Under Pigging Activity
85	IATMI 18-085	Bintan Pradika	Pertamina Hulu Mahakam	Production Engineering	Shut-In Build Up Pressure (SIBU) Wells to Revive Intermittent Floating Gas Producing Wells in Tunu, Mahakam Delta
86	IATMI 18-086	Ian Kartawijaya	BP Berau Ltd	Production Engineering	Tangguh Big Gas Wells Choke Re-Evaluation: Cost Effective Problem Solution Boosting Deliverability
87	IATMI 18-087	Mursalim Mardin	Pertamina Hulu Mahakam	Production Engineering	A strategy to optimize well clean up operation by utilizing existing oily water treatment facilities in Handil mature oil field – Pertamina Hulu Mahakam
88	IATMI 18-088	Farid Ghozali	Medco E&P Indonesia	Production Engineering	Integrated Application of ESP & Sand Control in Sandy & Gassy Wells
89	IATMI 18-089	Bondan Bernadi	RH Petrogas	Production Engineering	Best Practice of Well-Reservoir Management Approach in Gas Fields with Integrated Production System Modeling
90	IATMI 18-090	M. Soleh Ibrahim	PT. Pertamina EP	Production Engineering	Artificial Lift Optimization: Utilization of ESP Feedback Mode to Handle Low Productivity Index Well, Pertamina EP Field Subang.
91	IATMI 18-091	Andry Halim	Pertamina UTC	Project Management	Project Management of Oil & Gas Block Transfer : Case Study Mahakam Block of Planning & Implementation of smooth Operation Transfer From Total to Pertamina

92	IATMI 18-092	Yan Bastian Panggabean	PT Pertamina EP Cepu	Project Management	"Appraise before build: Strategy to optimize uncertainty for field development in Indonesia"
93	IATMI 18-093	Alvine Winardi Tammala	Medco E&P Indonesia	Project Management	New Generation of an Integrated Subsurface Engineering Data Management System Based on Open Source Platforms
94	IATMI 18-094	Rismoyo Bayu Haryo Utomo	LEMIGAS	Project Management	The Collaborative of Critical Path Method with Online Project Management in Supporting Timeliness of Study Activities
95	IATMI 18-095	Pepi Sahal Mustafid	PHE Holding	Reservoir Engineering	REVOLUSINER BEST PRACTICE: INFILL PLACEMENT STRATEGY IN HIGH WATER CUT PRODUCTION AREA TO RECOVER MORE RESERVE: CASE STUDY OF MATURE FILEDS, WK PHE
96	IATMI 18-096	Wisnu Wijanarko	Pertamina Hulu Energi Offshore North West Java	Reservoir Engineering	A Guideline to Develop Low Permeability Reservoir in Low Oil Price: Case Study Lima Field, Offshore North West Java
97	IATMI 18-097	Vladimir Krichevsky	Sofoil DMCC	Reservoir Engineering	Multiwell Deconvolution as Important Guideline to Production Optimization
98	IATMI 18-098	Ecko Noviyanto	PT. Pertamina EP	Reservoir Engineering	Unfold TPN Reservoir Prospect Through Comprehensive Integrated Static-to-Dynamic Model History Matching and Uncertainty Quantification Analysis
99	IATMI 18-099	Ngurah Aryadhita	Pertamina EP Cepu	Reservoir Engineering	OPTIMIZATION OF PRODUCTION SCENARIO IN JAMBARAN FIELD TO ACHIEVE OPERATION EXCELLENT IN CEPU BLOCK
100	IATMI 18-100	Grace Stephani	Pertamina EP	Reservoir Engineering	Planning a Waterflood Project in a Mature Oilfield: Phase-1 Development Study by Integrating Static and Dynamic Modeling of Belimbing Field, Indonesia

101	IATMI 18-101	Ricky Wicaksono	PT. PERTAMINA EP	Reservoir Engineering	Waterflood Forecast Using Capacitance Resistance Models (CRM)
102	IATMI 18-102	Saladin Muhammad	JOB Pertamina-Jambi Merang	Reservoir Engineering	Economic Evaluation of Condensate Production Enhancement Using Gas Recycling Simulation Scenarios in Jambi Merang Reservoir Area
103	IATMI 18-103	M. Yusuf Hanafiah Hasibuan	Pertamina EP Asset 2	Reservoir Engineering	Answering the Challenges for Improving Gas and Condensate Production in Mature Field. Case Study: Wet Gas Limited Reservoir
104	IATMI 18-104	Wisnu Wardana Ginting	PT. Advanced Technology Solution (Rep. CALSEP APAC	Reservoir Engineering	Accuracy of EOS Model Approach Restore Depleted Reservoir Composition Sample
105	IATMI 18-105	Budi Darmawan	Pertamina EP	Reservoir Engineering	Deep Dive Waterflood Performance of TPN Field for Future Development
106	IATMI 18-106	Nico Hadinoto	Pertamina EP	Reservoir Engineering	New Development Strategy Using Automatic Well Placement by Artificial Intelligence Application
107	IATMI 18-107	A. Aziz Permana	Pertamina EP	Reservoir Engineering	Investigation of Optimum Development Wells Number Using Fast Marching Method and Geometric Pressure Approximation in Dry Gas Reservoir Case Study: Betung Field, South Sumatera Basin
108	IATMI 18-108	Fitrah Arachman	PHE ONWJ	Reservoir Engineering	Case Study of Low Resistivity and Marginal Reservoir Development in Echo Field
109	IATMI 18-109	Mirzal Ardhie	Triangle Energy Pase	Reservoir Engineering	OGIP and Remaining Recoverable Reserve Evaluation of Field PA using Modern Production Analysis
110	IATMI 18-110	Kusno Kurniawan	Sele Raya Belida	Reservoir Engineering	COMBINATION OF DUAL POROSITY AND PARTIAL PENETRATION MODEL IN PRESSURE TRANSIENT ANALYSIS TO PROVE THE TWO PERFORATION INTERVALS ARE IN SAME

111	IATMI 18-111	Reza Alfajri	PT. Pertamina EP	Reservoir Engineering	Digital Technology in Managing Reserves and Resources Report
112	IATMI 18-112	Yogi Yanuarto	PT. Pertamina EP	Reservoir Engineering	MDT Application as an effort to accelerate for determining hydrocarbon prospect zone
113	IATMI 18-113	Revia Nanda Putra	Pertamina EP Asset 2	Reservoir Engineering	Investigation of Optimum Development Wells Number Using Fast Marching Method and Geometric Pressure Approximation in Dry Gas Reservoir Case Study: Betung Field, South Sumatera Basin
114	IATMI 18-114	Sylvan Ramadanel Abdinni	Pertamina Hulu Energi WMO	Reservoir Engineering	A Shrinkage Factor Model Application for Having a Proper Oil Well Testing Measurement and Allocation Driven from a PVT model
115	IATMI 18-115	Ariyan Kamandanu	PT Pertamina EP Asset-2	Reservoir Engineering	WELL TEST ANALYSIS IN FRACTURING WELL OGAN FIELD
116	IATMI 18-116	Erie Yoewono	SKK Migas	Supply Chain Management	The Use of Bonded Logistic Center to Improve Logistic Efficiency in Indonesia Oil and Gas industry
117	IATMI 18-117	Aldyth Sukapradja	Pertamina Hulu Mahakam	Supply Chain Management	Feasibility Study for Future Drilling Contract Strategy in Mahakam Blok: Impact on Safety, Operation & Cost
118	IATMI 18-118	Farhan Takdir, ST	ITB (FRESH GRADUATE)	Supply Chain Management	Optimization of Shipping Distribution Line of Mini-LNG (Liquefied Natural Gas) Carrier in the Eastern Indonesia Region
119	IATMI 18-119	Gamil Abdullah	SKK Migas	Supply Chain Management	Local Content Achievement: A Quest for Sustainability of Oil and Gas Supporting Industry
120	IATMI 18-120	Agus Salim	JOB Pertamina Talisman Jambi Merang	Surface Facilities	Applying Split-Range Pressure Control as a way for Maintaining Production

121	IATMI 18-121	Fitriyadi	JOB Pertamina-Medco E&P Simenggaris	Surface Facilities	Success Story: First Gas South Sembakung Field – Simenggaris to PLTMG Tanah Merah, North Kalimantan
122	IATMI 18-122	Fiqi Giffari	PPPTMGB LEMIGAS	Surface Facilities	A New Approach For East Natuna Gas Utilization
123	IATMI 18-123	Dody Cahyadi	Medco E&P Natuna	Surface Facilities	Maintaining the Lift Gas Compressor peak efficiency; an evaluation of the Lift Gas Compressor performance degradation and the impact to the oil production
124	IATMI 18-124	Mangiring Manatap Limbong	PT Pertamina Gas Eastern Java Area	Surface Facilities	Implementation of Comprehensive Solution to Minimize the Transportation Discrepancy in East Java Gas Pipeline
125	IATMI 18-125	Taufik Fansuri	PT. Pertamina EP	Surface Facilities	Alternative Solution to Handle Shale Problem In Open Hole Gas Well (SBG-20) with Supertrap Manufacturing, PT. Pertamina EP Asset 3 Field Subang
126	IATMI 18-126	Juli Karyanto	PHE Ogan Komering	Surface Facilities	Reduction Of H2S Content In Associated Gas With Combination Of Injection Of H2S Scavenger Chemicals Method And Saturated Catalyst Utilization As High Surface Contactor
127	IATMI 18-127	Fitria Dewi	SKK Migas	Unconventional Resources	Field Development Strategy for Coal Bed Methane Reservoir to increase Economic in Bravo field, WK GMB, South Sumatera.
128	IATMI 18-128	Aris Buntoro	UPN	Unconventional Resources	Brittleness Index and TOC as Parameters Potential Brown Shale Formation Pematang Group on Outcrop in Limapuluh Koto Area, West Sumatra
129	IATMI 18-129	Gathuk Widiyanto	Pertamina (Persero)	Unconventional Resources	STRATEGY & PLANNING OF WATER MANAGEMENT SYSTEM FOR SHALE HYDROCARBON DEVELOPMENT IN INDONESIA

130	IATMI 18-130	Daniel W Adityatama	University of Auckland	Unconventional Resources	Review on Methods of Oilfield Utilization for Commercial Geothermal Energy – Possibilities for Application in Indonesia
131	IATMI 18-131	Ecep Mujib	PHE ONWJ	Well Integrity	Magnetic Thickness Detector (MTD) and Multifinger Caliper (MFC) Tool for Well Integrity Assurance in PHE ONWJ
132	IATMI 18-132	Janico Zaferson Mulia Ompusunggu	PHE ONWJ	Well Integrity	LESSON LEARNED FROM CASING INTEGRITY BREACH CASE ON WORKOVER JOB
133	IATMI 18-133	Adnan Syarafi Ashfahani	PERTAMINA Hulu Mahakam	Well Integrity	Wellhead Shut-In Pressure Prediction Method to Minimize Risk: Unlocking Potential from Wells with Reservoir Pressure above Limit
134	IATMI 18-134	Gitani Tsalitsah Dahnil	Pertamina Hulu Mahakam	Well Integrity	Spectral Noise Log to Confirm Source of Sustained Casing Pressure
135	IATMI 18-135	Karina Sari	Pertamina Hulu Mahakam	Well Integrity	Restore Flowing Annulus with PWC
136	IATMI 18-136	Iman Prasodjo	Medco E&P Natuna Ltd	Well Integrity	Well Integrity Management System application to reduce lost production opportunities in Medco E&P Natuna.
137	IATMI 18-137	Asep Hudiman	Pertamina EP	Well Integrity	Looking for Leaking in Wellbore with PLT (Production Logging Tools)
138	IATMI 18-138	Indah Primasari	Pertamina Hulu Mahakam	Workover & Stimulation	Rig less Sand Consolidation Methods, an Economic Solution to Revive Marginal Sand Prone Reservoirs: Industrialization Phase Unlocking More Than 40 BCF of Gas Production in Mahakam Fields, Indonesia
139	IATMI 18-139	Ramadhani Rachman	Pertamina Hulu Mahakam	Workover & Stimulation	Technical Approach on Annulus Cementing with Coil Tubing Packer in Oil well and Gas well at Mahakam Fields, Indonesia

140	IATMI 18-140	Geraldus Yudhanto Sigit RS	PT Medco E&P Indonesia	Workover & Stimulation	Optimizing Hydraulic Fracturing Result through Geomechanic Approach and Design Calibration
141	IATMI 18-141	Arie Setyadi	Pertamina EP Asset 4 Papua Field	Workover & Stimulation	PRODUCTION AND WELLS COMPLETION DATA UTILIZATION TO IMPROVE TOP KAIS FORMATION KLAMONO FIELD.
142	IATMI 18-142	Yan Anggoro	Medco E&P Natuna Ltd	Workover & Stimulation	New E-line Mechanical High Expandable Shifting Key with High Expandable Stroker Anchor
143	IATMI 18-143	Syahrul Heriyanto	Medco E&P Natuna Ltd	Workover & Stimulation	SCSSV Flapper Milling using E-line Solution
144	IATMI 18-144	Rezi Quraishi	JOB Pertamina- PetroChina Salawati	Workover and Stimulation	Success story: Offshore Well Services Using Offshore Scaffolding Pipes Structure in TBA Field Salawati (Rigless)
145	IATMI 18-145	Arthur Aslanyan	Nafta	Human Resources	Petroleum Flight Simulations with PetroCup
146	IATMI 18-146	Mukhamad Faeshol Umam	University of Auckland	Human Resources	Drilling Professional Skills Transfer: Petroleum Industry Support to Geothermal Development in Indonesia
147	IATMI 18-147	Henricus Herwin	Pertamina Hulu Mahakam	Human Resources	Continuous Competency Development of Reservoir Engineers to Overcome the Maturity of Mahakam
148	IATMI 18-148	Dipta Dwitiya	Medco E&P Indonesia	Human Resources	Enhancing Employee Engagement through Connection, Clarity, and Commitment Based Personal Development Program

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1	IATMI 18STU- 001	Navendra Chista Yogatama	UNDIP	Enhanced Oil Recovery	Frontier Enhanced Oil Recovery Technology to Maximize Oil Production in Duri Field: Application of SLS Injection from Palm Oil Raw Waste Bunches
2	IATMI 18STU- 002	Ade Muhammad Yusuf	Universitas Sriwijaya	HSE	STUDY of CORROSION BEHAVIOR of CARBON STEEL FIRE 1.5 I jar X65 with VARIATION CONCENTRATION of LEES TEA LEAVES AS an INHIBITOR in PETROLEUM PIPING SYSTEMS
3	IATMI 18STU- 003	William Gunawan	ITB	Workover & Stimulation	Novel Approach to Determine and Optimize Productivity of Undulating Coiled Tubing Drilled Horizontal Well
4	IATMI 18STU- 004	Iwan Setya Budi	ITB	Reservoir Engineering/ Project Management	Value of Information (VOI) Concept to Systematically Justify Observation and Appraisal Wells
5	IATMI 18STU- 005	Salmaraisa Estri Suyudi	Universitas Trisakti	Reservoir Engineering	ESTIMATED SHUT-IN TIME ON CYCLIC WELL USING EARLOUGHER EQUATION
6	IATMI 18STU- 006	Muhammad Irfan Ardiasnyah	UIR	Business and Commercial	Economic Study Matrix Acidizing Stimulation and New Zone Behind Pipe (NZBP) at ABRAW Field Using Cost Recovery PSC and Gross Split PSC Fiscal Term

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1	IATMI 18E-001	Silvy Dewi Rahmawati	ITB	Enhanced Oil Recovery	A Numerical Investigation of Polymeric Nanosphere for Enhanced Oil Recovery
2	IATMI 18E-002	A. Aziz Permana	Pertamina EP	Petroleum Geology & Geophysic	Integrated GGR Approach for Further Development in Mature Oil Field, Case Study: Dewa Field, South Sumatera Basin
3	IATMI 18E-003	Aliefiyan Nursanda Muklas	PT Medco E&P Indonesia	Production Engineering	Simple Act Big Effect: Daily Singa Welltest Modification
4	IATMI 18E-004	Riza Akbar	PT Pertamina EP Asset 1	Reservoir Engineering	TIME MEASUREMENT OPTIMIZATION OF BOTTOM HOLE PRESSURE DATA WITH MODIFICATION TOOL FOR ELECTRONIC MEMORY RECORDER IN PERTAMINA EP ASSET 1 FIELD
5	IATMI 18E-005	Elrey Fernando Butarbutar	Bunyu & Tarakan EPT, Pertamina EP Asset 5	Workover & Stimulation	Improving Workover Success Ratio Through Integrated Subsurface Evaluation: Bunyu Field Cased Study
6	IATMI 18E-006	Albert Laroppe	Lemigas	Workover & Stimulation	Simulation of sand-control effectiveness using sand-retention-test, case study in shally-sand reservoir
7	IATMI 18E-007	Ricky Wicaksono	Pertamina EP	Reservoir Engineering	Successful Pilot Waterflood to Determine Connectivity of Reservoir Sand in W3 Layer North Niru Structure Limau Field
8	IATMI 18E-008	Maruhal Sihombing, ST., MT	SKK Migas	Project Management	Optimization Drilling Schedule Planning vs Wellpad Construction Schedule

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1	IATMI 18P-001	Yonna Putra Akbar	UIR	Drilling & Completion	STUDY LABORATORY ANALYSIS OF NaCo3 AND NaOH ADDITION TOWARDS DRILLING MUD RHEOLOGY FROM CLAY ILLITE PLATY MINERAL FROM RIAU
2	IATMI 18P-002	Erdhianto Zaky Syaifurrahman	UPN	Drilling & Completion	Evaluation of The Suitability of Camellia Sinensis and Carica Papaya As A New Environment-friendly Fluid Loss Control Agent Additives in Water Base Mud
3	IATMI 18P-003	Tunjung Wicaksana Ranukusuma	UPN	Drilling and Completion	Aerated Drilling Optimization For Determining The Best Flowrate For Efficient Drilling
4	IATMI 18P-004	Rifki Ilahi	Universitas Trisakti	Drilling and Completions	EVALUATION OF AERATED DRILLING EFFECTIVITY ON "BP" WELL IN GBK GEOTHERMAL FIELD USE GUO-GHALAMBOR METHOD
5	IATMI 18P-005	Galih Whisnu Romantyo	ITB	Enhanced Oil Recovery	Designing Optimum Injection Parameters with Low Salinity Water Injection of Sandstone Reservoir in "T" Structure at "S" Field
6	IATMI 18P-006	Ully Zakyatul Husna	UIR	Enhanced Oil Recovery	Determination of Optimum CO2 Water Alternating Gas (CO2-WAG) Ratio in Sumatera Light-Oil Field
7	IATMI 18P-007	Egi Adrian Pratama	ITB	Enhanced Oil Recovery	Design of Optimum Potential Determining Ions (PDI) Composition of Low Salinity Water Injection in Sandstone Reservoir for "T" Structure at "S" Field
8	IATMI 18P-008	Raden Mas Feldza JA	UPN	Enhanced Oil Recovery	LABORATORY STUDY: DEVELOPMENT OF SLS (SODIUM LIGNOSULFONATE) SURFACTANT FORMULATION FOR EOR MATERIAL ON "STK" FIELD, WEST JAVA, INDONESIA
9	IATMI 18P-009	Desma Risqullah Wisnu Putra	STT MIGAS BALIKPAPAN	Formation Evaluation	Optimization The Advance Petrophysical Log To Make A Better Fluid Interpretation In Hydrocarbon Possible Bearing In "GG" Field, Kutai Basin, East Kalimantan.

10	IATMI 18P-010	Steven Chandra	ITB	Production Engineering	Application of Genetic Algorithm for Integrated Production Optimization of Retrofit Gas Lift Utilization in Liquid Loaded Offshore Gas Condensate Field by Application of Intermittent Gas Recycling
11	IATMI 18P-011	Jupriansyah	STT MIGAS Balikpapan	Production Engineering	A Study of Innovative Down-hole Water Sink Completion Technology to Improve Oil Recovery in a Multilayered Reservoir
12	IATMI 18P-012	Luthfi Prakasa Dwicahya	UIR	Reservoir Engineering	Critical Investigation on Tracer Test by Streamline Simulation for Determining Interwell Connectivity IOR and EOR processes
13	IATMI 18P-013	Luthfan Desmono	ITB	Reservoir Engineering	Monitoring, Evaluation, and Redesign of CO2 Huff-n-Puff Injection Using Material Balance Equation: Case Study of "M" Field
14	IATMI 18P-014	Havisinah	Politeknik Akamigas Palembang	Surface Facilities	Use of Coconut Shell Waste As Media Cartridge Filtration In the Process of Separation of Oil Content From Water Formation
15	IATMI 18P-015	Calvin Nanda Suratman	ITB	Unconventional Resources	Application of Kriging Method on Hg Element and Fault Fracture Density to Delineate Geothermal Prospect Area. Case Study: Pamancalan, Banten.
16	IATMI 18P-016	Fatimah Larassaty Putri Pratami	ITB	Unconventional Resources	Shale Gas Reservoir Sensitivity Study and Pressure Drawdown Analysis for Estimation of Stimulated Reservoir Volume
17	IATMI 18P-017	Muhammad Rasyid Ridho	Universitas Pertamina	Well Integrity	Mud Filtration Test in Drilling Muds with Addition of Coconut Husk Powder as Alternative Viscosifier Additive
18	IATMI 18P-018	Arno Wahyu Wibowo	Universitas Proklamasi 45 Yogyakarta	Workover & Stimulation	Evaluation of Matrix Acidizing Program to Increase Production Profile of Wells X-25 Field Y