KOLAR Document ID: 1623136

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	SecTwpS. R East West
Address 2:	Feet from North / South Line of Section
City:	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used? Yes No
Cathodic Other (Core, Expl., etc.):	
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to: w/ sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content:ppm Fluid volume:bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of haid disposal in hadica offsite.
GSW Permit #:	Operator Name:
_	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
Recompletion Date Recompletion Date	County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY							
Confidentiality Requested							
Date:							
Confidential Release Date:							
Wireline Log Received Drill Stem Tests Received							
Geologist Report / Mud Logs Received							
UIC Distribution							
ALT I II Approved by: Date:							

KOLAR Document ID: 1623136

Page Two

Operator Name: _				Lease Name:			Well #:		
Sec Twp.	S. R.	E	ast West	County:					
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,	
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log	
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample	
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum	
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No						
		B	CASING eport all strings set-c		New Used	ion, etc.			
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD				
Purpose:		epth T Bottom	ype of Cement	# Sacks Used	Type and Percent Additives				
Perforate Protect Casi Plug Back T									
Plug Off Zor									
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,	
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)			
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity	
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom	
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT	
,	,			B.11 B1					
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record	
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:					
TODING RECORD:	. 3126.		n.	i donei Al.					

Form	ACO1 - Well Completion
Operator	Indian Oil Co., Inc.
Well Name	WARREN 3-35
Doc ID	1623136

Tops

Name	Тор	Datum		
Heebner	3542	-1889		
Up Douglas Sd	3600	-1947		
Lwr Douglas SD	3693	-2040		
Lansing	3744	-2091		
Stark	4071	-2418		
Hushpuckney	4109	-2456		
Miss	4246	-2593		
Kinderhook	4362	-2709		
Viola	4514	-2861		
Simpson SD	4587	-2934		
Arbuckle	4706	-3053		

Form	ACO1 - Well Completion
Operator	Indian Oil Co., Inc.
Well Name	WARREN 3-35
Doc ID	1623136

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugTyp e	BridgePlugSet At	Material Record
2	4247	4260			Acid 750 gal 15% MCA, 1250 gal 15% NeFe, 80 balls, 3/bbl
1	4267	4271			Hybrid Slick Water Frac: 224000# sand, 9291 BOW
1	4276	4278			
1	4280	4282			_
1	4293	4294			
1	4296	4297			
1	4302	4306			

Form	ACO1 - Well Completion
Operator	Indian Oil Co., Inc.
Well Name	WARREN 3-35
Doc ID	1623136

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23.	356	60/40 poz	275	3% cc
Production	5.5	5.5	15.50	4755	H-long, H- plug for rat/mouse	225	cello flake



Remit To: Hurricane Services, Inc. 250 N. Water, Suite 200 Wichita, KS 67202 316-303-9515

Pratt

Customer:

INDIAN OIL CO INC PO BOX 209 MEDICINE LODGE, KS 67104-0209

Invoice Date: 11/3/2021 0356934 Invoice #: Lease Name: Warren Well #: 3-35 (New) County: Barber, Ks WP2056 Job Number:

District:

Completion

Date/Description	HRS/QTY	Rate	Total
Longstring	0.000	0.000	0.00
H-Long	175.000	25.200	4,410.00
H-Plug	50.000	11.700	585.00
Cello Flake	45.000	1.575	70.88
5 1/2" Floatshoe-Flapper AFU	1.000	337.500	337.50
5 1/2" LD Plug & Baffle	1.000	315.000	315.00
Cement baskets 5 1/2"	1.000	270.000	270.00
5 1/2" Turbolizers	12.000	72.000	864.00
Mud flush	500.000	0.900	450.00
Liquid KCL Substitute 2	1.000	18.000	18.00
Light Eq Mileage	30.000	1.800	54.00
Heavy Eq Mileage	30.000	3.600	108.00
Ton Mileage	311.000	1.350	419.85
Depth Charge 4001'-5000'	1.000	2,250.000	2,250.00
Cement Plug Container	1.000	225.000	225.00
Cement Data Acquisition	1.000	225.000	225.00

Total	10,602.23
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TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 1/2% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

Z.



Customer	INDIAN OIL INC	AN OIL INC Lease & Well # WARREN 3-35					Date	11	/3/2021	
Service District	PRATT	County & State BARBER KS Le			Legals S/T/R	35-30S-	12W	Job#		
Job Type	LONGSTRING	Ø PROD	נאו ם	□ SWD	New Well?	Ø YES	□ No	Ticket#	w	P2056
Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures								
912	MATTAL	☑ Hard hat		□ Lockout/Tagout □ Warning Signs & Flagging						
176/522	OSBORN	H2S Monitor		☑ Eye Protection	n	□ Required Permits □ Fall Protection				
181/533	RUEBEN	☐ Safety Footwear ☐ Respiratory Protection				☐ Slip/Trip/Fall Hazards ☐ Specific Job Sequence/Expectations				ctations
		☑ FRC/Protective Clothing □ Additional Chemical/Acid PPE			emical/Acid PPE	☐ Overhead Hazards ☐ Muster Point/Medical Locations				ons
		□ Hearing Protection □ Fire Extinguisher				□ Additional concerns or issues noted below				
					Con	nments				
Product/ Service Code		Descr	iption		Unit of Measure	Quantity				Net Amount
CP030	H-Long				sack	175.00				\$4,410.00
CP055	H-Plug			The state of the s	sack	50.00				\$585.00
CP120	Cello-flake				lb	45.00				\$70.88
FE145	5 1/2" Float Shoe - /	AFU Flapper Type			ea	1.00				\$337.50
FE170	5 1/2" Latch Down F	Plug & Baffle			ea	1.00			- 4	\$315.00
FE130	5 1/2" Cement Bask	et			ea	1.00				\$270.00
FE135	5 1/2 Turbolizer				ea	12.00				\$864.00
CP170	Mud Flush				gal	500.00				\$450.00
AF056	Liquid KCL Substitu	ubstitute 2			gal	1,00		\$18.		
M015	Light Equipment Mil	eage			mi	30.00				\$54.00
M010	Heavy Equipment N	fileage			mi	30.00				\$108.00
M020	Ton Mileage				tm	311.00				\$419.85
D015	Depth Charge: 4001	'-5000'			job	1.00				\$2,250.00
C050	Cement Plug Conta	iner			job	1.00				\$225.00
C035	Cement Data Acqui	sition			job	1.00				\$225.00
							-			-
					+	_				
									9-7-	
	7									
	3									
Custo	omer Section: On th	e following scale h	ow would you rate	Hurricane Servic	es Inc.?				Net:	\$10,602.23
						Total Taxable	\$ -	Tax Rate:		><
Ba	sed on this job, ho	w likely is it you v	vould recommend	d HSI to a colleag	jue?			lucts and services	Sale Tax:	\$ -
	Unifiedy 1 2	3 4 5		well information above to make a determination if					\$ 10,602.23	
				=11				Mike Matta	e	
TERMS: Cash in adva	ince unless Humicane	Services Inc. (HSI) ha	s approved credit p	rior to sale. Credit te	rms of sale for approve	d accounts are total	invoice due or	or before the 30th	day from the da	ate of invoice. Past

texting class in advance unless frumcane Services inc. (rist) has approved creat prior to sale, credit terms of sale for approved accounts are total invoice due on or before the sum day from the date of invoice. Past due accounts shall pay interest on the behance past due at the rate of 1 15% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. <u>DISCLAIMER NOTICE</u>: Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

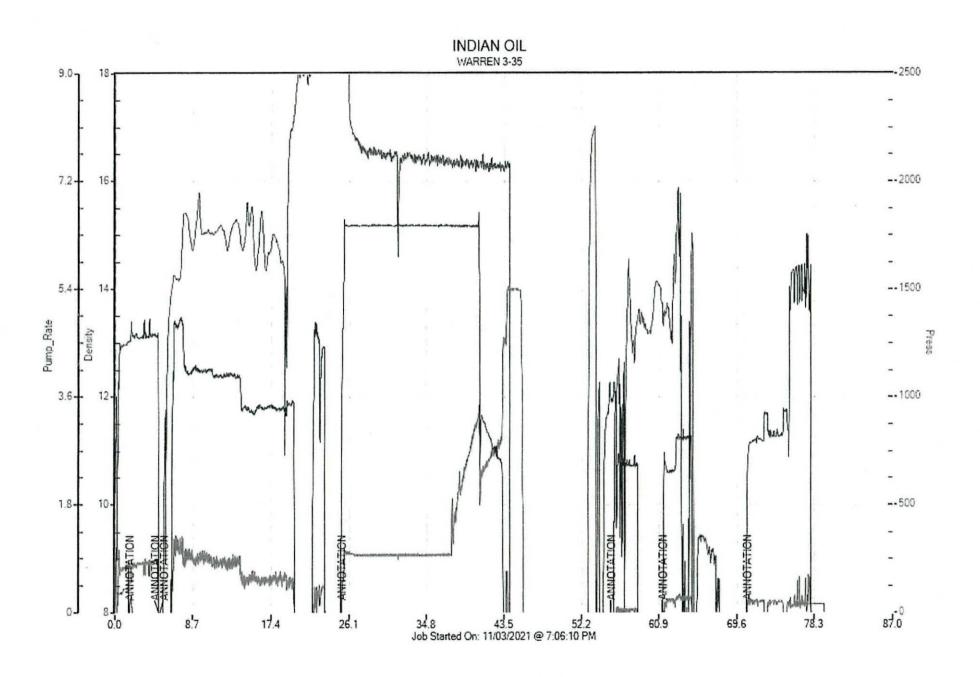
* Z!WZOhngon

M, W, MATTAI

x



MENIE	705	A TAKEN	T DED	OPT		~			
MENT				-					
	-	INDIAN	The second second	V	Well:		WARREN 3-35	Ticket:	WP2056
City, State: MEDICINE LODGE KS County			County:		BARBER KS	Date:	11/3/2021		
Field Rep: ANTHONY FARRAR S-T-R				S-T-R:		35-30S-12W	Service:	LONGSTRING	
Down	hole I	nformatio	on	1	Calculated Slu	rry - Lead		Calcu	lated Slurry - Tail
Hole :	Size:		in		Blend:	H-LONG		Blend:	H-PLUG
Hole De	epth:		ft		Weight:	15.0 ppg		Weight:	13.78 ppg
Casing :	Size:	5 1/2	in		Water / Sx:	6.0 gal		Water / Sx:	6.9 gal / sx
Casing De	epth:	4755.32	ft		Yield:	1.42 ft ³ /		Yield:	1.43 ft ³ / sx
Tubing / L	iner:		in		Annular Bbls / Ft.:	bbs	/ft.	Annular Bbls / Ft.:	bbs / ft.
De	epth:		ft		Depth:	ft		Depth:	ft
Tool / Pag	ker:				Annular Volume:	0.0 bbl	s	Annular Volume:	0 bbls
Tool De	epth:		ft		Excess:			Excess:	
Displacen	nent:	112.2	bbls		Total Slurry:	44.0 bbl:	5	Total Slurry:	12.0 bbls
			STAGE	TOTAL	Total Sacks:	175 sx	_	Total Sacks:	50 sx
	RATE	PSI	BBLs	BBLs	REMARKS	in Labor		and the same of th	THE RESERVE AND ADDRESS OF THE PARTY OF THE
12:45 PM	-		•		ON LOCATION				
2:50 PM	_			-	RUN 5 1/2 15.5# CASING	41.24 SHOE	JOINT BASKET TOP	OF 10 TURBOS ON 1,3,5,7,	9,11,12,13 25,26,27,28
5:40 PM	-				CASING ON BOTTOM			Automore	
5:51 PM			200		HOOK TO CASING, BREA		ON WITH RIG		
5:00 PM	4.0	180.0	5.0	5.0	PUMP 5 BBL KCL WATER				
5:03 PM	4.5	230.0	12.0	17.0	PUMP 500 GALLONS MU	1-11-1-10-00			
5:07 PM	4.5	230.0	5.0	22.0	PUMP 5 BBL KCL WATER	R			
7:03 PM	4.8	330.0	44.0	66.0	MIX 175 SKS H-LONG	DDOD DI LIGO	TART BIODI ACCUENT	-	
7:26 PM 7:29 PM	6.5	25.0 270.0	4.0	70.0	WASH PUMP AND LINE, START DISPLACEMENT	DROP PLUGS	IART DISPLACEMEN	<u> </u>	The state of the s
7:42 PM	6.5	460.0	80.0	80.0	LIFT PRESSURE				
7:45 PM	3.3	660.0	102.0	182.0	SLOW RATE				
7:49 PM		1,500.0	112.2	294.2	PLUG DOWN, RELEASED	D AND HELD			
8:00 PM	1.0	25.0	7.0	301.2	MIX 30 SKS H-PLUG FOR			1644	
8:10 PM	1.0	25.0	5.0	306.2	MIX 20 SKS H-PLUG FOR		E		
					CIRCULATION THROUGH			-6	S S S S S S S S S S S S S S S S S S S
								The second secon	
				Y.					
							The state of the s		
		400			116				
				-					
	_				JOB COMPLETE, THANK	YOU!			
					MIKE MATTAL				
					RILEY & RUEBEN				
									unital de
		CREW			UNIT			SUMMARY	
Ceme		MAT			912		Average Rate	Average Pressure	Total Fluid
Pump Oper	rator:	OSB	ORN BEN		176/522	_	4.0 bpm	358 psi	376 bbls
	lk #1:				181/533				





Remit To: Hurricane Services, Inc. 250 N. Water, Suite 200 Wichita, KS 67202 316-303-9515

Customer:

Dillim

INDIAN OIL CO INC PO BOX 209 MEDICINE LODGE, KS 67104-0209

Invoice Date: 10/26/2021 Invoice #: 0356324 Lease Name: Warren Well #: 3-35 (New) Barber, Ks County: Job Number: WP2029 District: Pratt

DOMING			
Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
Cement Pozmix 60/40	275.000	11.700	3,217.50
Calcium Chloride	711.000	0.675	479.93
Cello Flake	69.000	1.575	108.67
Wooden plug 8 5/8"	1.000	135.000	135.00
Light Eq Mileage	30.000	1.800	54.00
Heavy Eq Mileage	30.000	3.600	108.00
Ton Mileage	356.000	1.350	480.60
Depth Charge 0'-500'	1.000	900.000	900.00
Cement Plug Container	1.000	225.000	225.00

5,708.70 **Total**

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 1/2% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.



							1			
Customer	INDIAN OIL INC		Lease & Well#	WARREN 3-35				Date	10/	26/2021
Service District	PRATT		County & State	BARBER KS	Legals S/T/R	35-305-	12W	Job#		
Job Type	SURFACE	Ø PROD	O INJ	□ SWD	New Well?	Ø YES	□ No	Ticket#	w	P2029
Equipment #	Driver			Job Safety Ana	alysis - A Discuss	ion of Hazards 8	Safety Pro	cedures		
912		☑ Hard hat		☑ Gloves		□ Lockout/Tago	ut	☐ Warning Signs	& Flagging	
176/522	OSBORN	☑ H2S Monitor		☑ Eye Protection		☐ Required Perm	nits	☐ Fall Protection		
181/533	FLOREZ	☑ Safety Footwea	r	☐ Respiratory Prote	ection	□ Slip/Trip/Fall I	Hazards	☐ Specific Job Se	quence/Expe	ctations
		☑ FRC/Protective		☐ Additional Chem	ical/Acid PPE	□ Overhead Haz	ards	☐ Muster Point/N	Medical Locati	ons
		☐ Hearing Protect	tion	☐ Fire Extinguisher		☐ Additional con	ncerns or issu	es noted below		
					Con	nments				
Product/ Service Code		Desc	ription		Unit of Measure	Quantity				Net Amount
CP070	60/40/2 Pozmix				sack	275.00			Carlot serve	\$3,217.50
CP100	Calcium Chloride				lb	711.00				\$479.93
CP120	Cello-flake				lb	69.00				\$108.68
FE290	8 5/8" Wooden Plug	9	-		ea	1.00				\$135.00
M015	Light Equipment Mi	leage			mi	30.00				\$54.00
M010	Heavy Equipment M	Mileage			mi	30.00			1.27653	\$108.00
M020	Ton Mileage		Annasta IIIIII	5	tm	356.00				\$480.60
D010	Depth Charge: 0'-56	00'			job	1.00				\$900.00
C050	Cement Plug Conta	ainer			job	1.00				\$225.00
										-
		1 33								
	and the second									al .
	A STATE OF THE STA	an Artist	- makes a contract to the same of the same							
Cust	omer Section: On th	ne following scale h	low would you rate	Hurricane Services	Inc.?				Net:	\$5,708.70
	d #1-1-b b-					Total Taxable	\$ -	Tax Rate:		\sim
		3 4 5	6 7 8	d HSI to a colleague	remaly Likely	used on new wells	to be sales ta s relies on the bove to make a	ix exempt. customer provided a determination if	Sale Tax:	
			84 1			in the second second			Total:	\$ 5,708.70
						HSI Represe	entative:	Mike Matta	e	
	y interest on the balan	ce past due at the rat	le of 1 1/2% per month	rior to sale. Credit terms n or the maximum allow red for such collection.	able by applicable st	ate or federal laws.	In the event it	is necessary to emp	loy an agency	and/or attorney to

due accounts shall pay interest on the balance past due at the rate of 1 15% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or atomey to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. <u>DISCLAIMER NOTICE</u>: Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the desults from the use of any arotting or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production enformance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owner actual property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above and Humicane has been provided accerate well information in determining taxable services.

CUSTOMER AUTHORIZATION SIGNATURE

ftv: 7-2020/11/30 mplv: 201-2021/09/15



EMENT	TRE	ATMEN	T REP	ORT				
Cust	omer:	INDIAN	OIL INC		Well:	WARREN 3	-35 Ticket:	WP2029
City,	State:	MEDICII	NE LOD	GE KS	County:	BARBER K	(S Date:	10/26/2021
Field	l Rep:	JIM			S-T-R:	35-30S-12V		SURFACE
	Size:	nformatio			Calculated Slu	A second contract of the second contract of t		ulated Slurry - Tail
Hole D		362	in #		Blend: Weight:	60/40/2 POZMIX	Blend:	
Casing		8 5/8			Water / Sx:	14.8 ppg 5.2 gal / sx	Weight: Water / Sx:	ppg
Casing D		359			Yield:	1.21 ft ³ /sx	Yield:	gal / sx ft³ / sx
ubing /	Liner:		In		Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
D	epth:		ft		Depth:	ft	Depth:	ft
Fool / Pa	icker:				Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool D			ft		Excess:		Excess:	Market British
Displace	ment:	21.3	bbls		Total Slurry:	59.0 bbls	Total Slurry:	0.0 bbls
TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	Total Sacks:	275 sx	Total Sacks:	#DIV/0! sx
4:30 PM				DDL	ON LOCATION			a
6:10 PM					RUN 8 5/8 CASING			
6:50 PM					CASING ON BOTTOM			
7:00 PM					HOOK TO CASING, BREA	AK CIRCULATION WITH RIG		
7:06 PM	4.0	100.0	3.0	3.0	PUMP 3 BBL WATER			
7:09 PM	4.0	140.0	59.0	62.0	MIX 275 SKS 60/40/2 PO2	ZMIX		
7:32 PM				62.0	RELEASE PLUG			
7:35 PM	2.0	140.0		62.0	START DISPLACEMENT	war de		
7:45 PM		150.0	21.3	83.3	PLUG DOWN, SHUT IN W	/ELL		
					CEMENT TO SORFACE			
				74		*****		
		·						
							Walter Walter	
				•				
					JOB COMPLETE, THANK	YOU!		All and the second seco
				-	MIKE MATTAL			
					RILEY & MICHAEL			
		CREW		•	UNIT		CHRIMARY	,
Com	enter:	MAT			912	Average Per	SUMMARY Average Pressure	
Pump Ope		OSB			176/522	Average Rate 3.3 bpm	e Average Pressure	Total Fluid 83 bbls
	ulk #1:	FLOR	and sold		181/533	о.о эри	, so par	
	ulk #2:							

ftv: 7-2020/11/30 mplv: 201-2021/09/15

Geologic Report

Aaron L. Young

Drilling Time and Sample Log

Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name: Warren #3-35

API: 15-007-24393

Location: Section 35 - T30S - R12W

License Number: 31938 Region: Barber Co., KS Spud Date: 10/26/2021 Drilling Completed: 11/02/2021

Surface Coordinates: 4171' FSL and 3050' FEL

Bottom Hole Coordinates:

Ground Elevation (ft): 1641' K.B. Elevation (ft): 1653' Logged Interval (ft): 3500' To: 4762' Total Depth (ft): 4762'

Formation: Arbuckle

Type of Drilling Fluid: Chemical - MudCo

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Indian Oil Co., Inc

Address: PO Box 209

Medicine Lodge, KS 67104-0209

GEOLOGIST

Name: Aaron L. Young, M.S.
Company: Young Consulting LLC
Address: 100 S Main, Suite 505

Wichita, Kansas 67202

General Info

CONTRACTOR: Fossil Drilling Rig #3

BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	JZ RR	16-16-16	371'	337'	5.0
2	14-1/4	PL 516	16-16-16	4317'	3853'	73.75
3	7-7/8	HCBM 516	6x18's	4762'	445'	10.75

Surveys: 249'-1, 371'-.25, 896'-.75, 1401'-1, 1907'-.5, 2416'-.25, 2924'-.75, 3399'-.75, 3907'-.75, 4317'-.25, 4367'-.5

GENERAL DRILLING AND PUMP INFORMATION:

Drilling with 12,000-15,000 lbs. on bit and approx 90 RPM.

Running 9 stands of collars; 537.11'

Pumping approx 1000 psi at standpipe @ 55 SPM

Daily Status

10/26/21 Spud @ 10:00am

10/27/21 Drilling @ 371', Ran 8 joints of 8-5/8" surface casing, cem w/ 275 sks 60/40/2 poz mix, 3% c.c.

10/28/21 Drilling @ 1665'

10/29/21 Drilling @ 2702'

10/30/21 CFS @ 3604'

10/31/21 Drilling @ 4224', DST #1

11/01/21 TIH w/ bit, ream to bottom, TD 4317', DST #2

11/02/21 TIH w/ bit, TD 4525', RTD 4762' Logged

11/03/21 Condition hole & circulate. Ran 113 jts 5.5", set @ 4755', cem w/ 175 sks H-Long mix, 30 sks H-plug for rat hole, 20 sks H-plug for mouse hole

DST #1 Miss 4218'-4317' 30-45-45-60

IF: BOB in 1 min. Built to 192.71"

SI: No return

FF: BOB immed. GTS in 24 min, guaged 7.94 mcf/d,

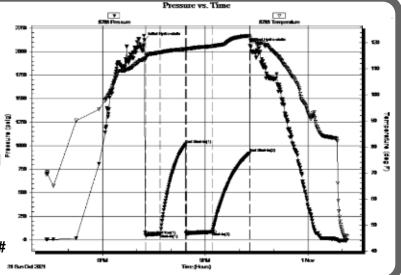
built to 192.89" FSI: No return

Rec'd: 60' GVSOCM (23% G, 2%O, 75% M), 60' GOSM

(12% G, 88% M), 61' GOSM (2% G, 98% M)

GTS: Gauged 7.94 mcf/d

SIP: 1014-923# FP: 52-65#, 64-86# HP: 2124-2061#



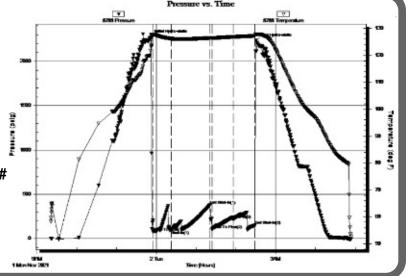
DST #2 Viola 4518'-4525' 30-60-30-30

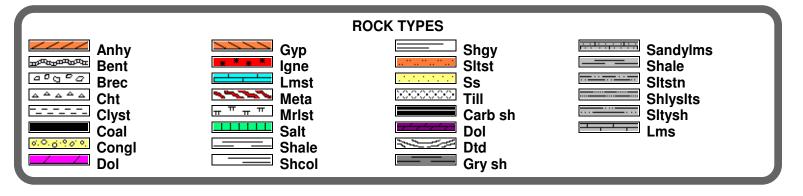
IF: Weak blow. Built to 1.75". Tool slid 5'

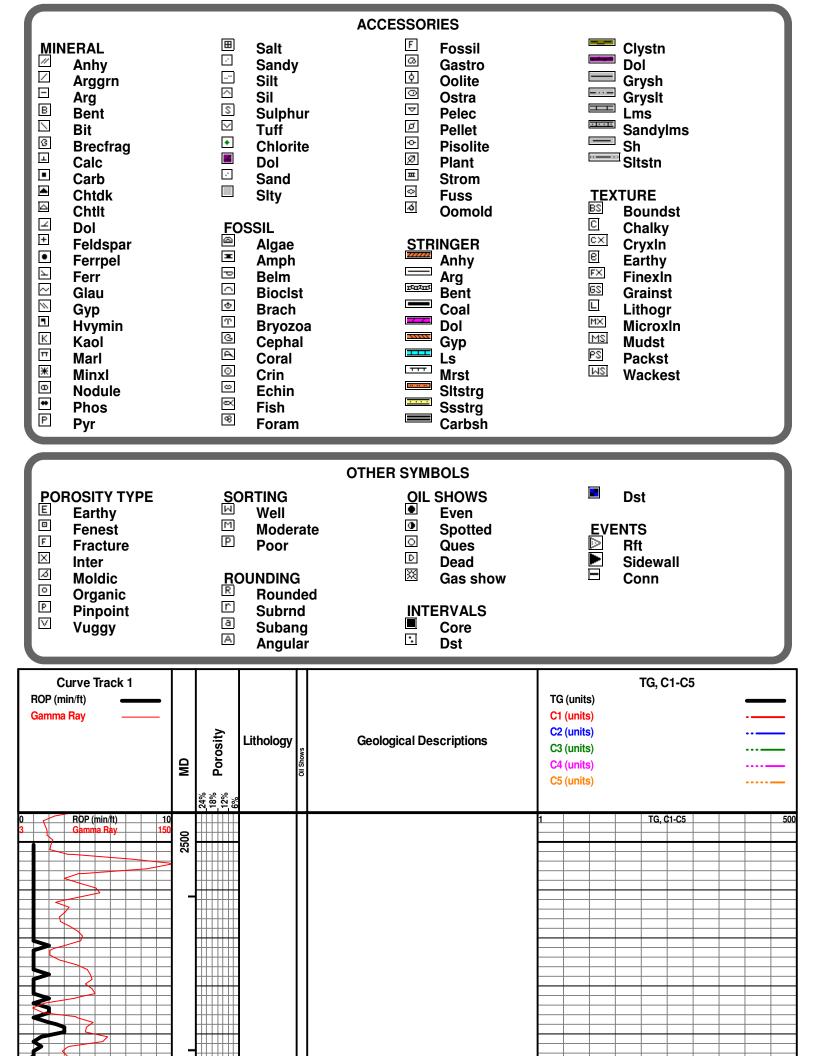
SI: No return FF: No blow FSI: No return

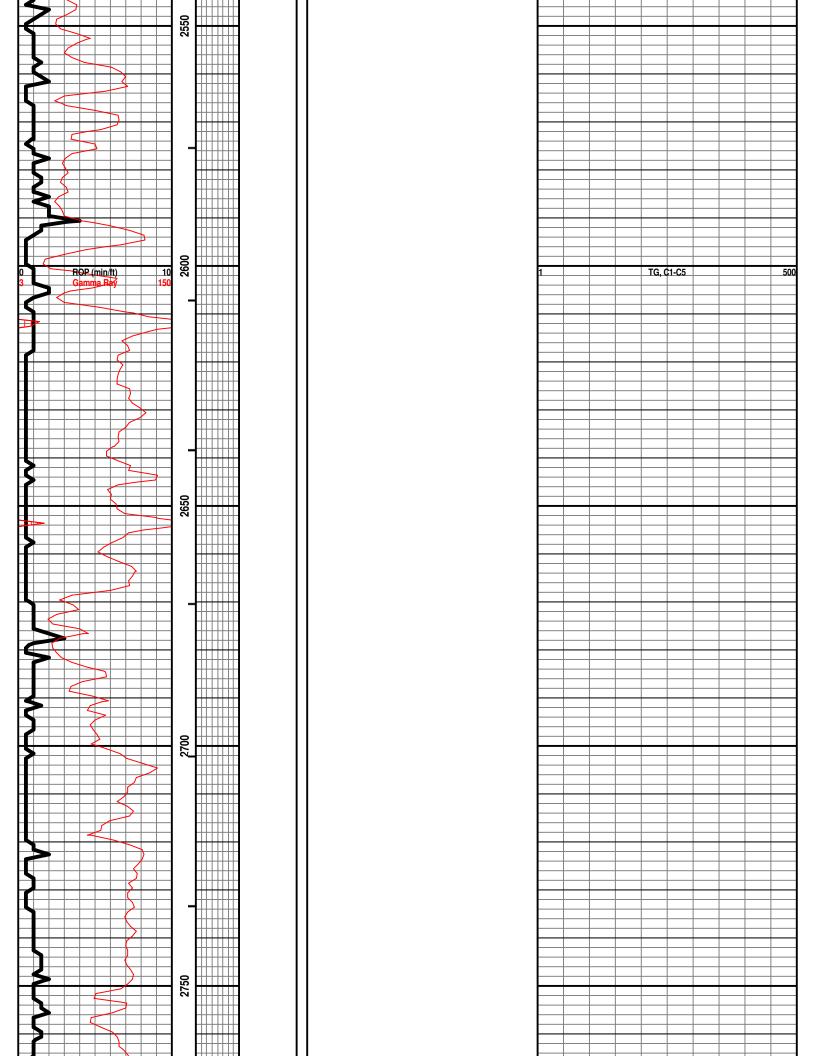
Rec'd: 4' DM (100% M)

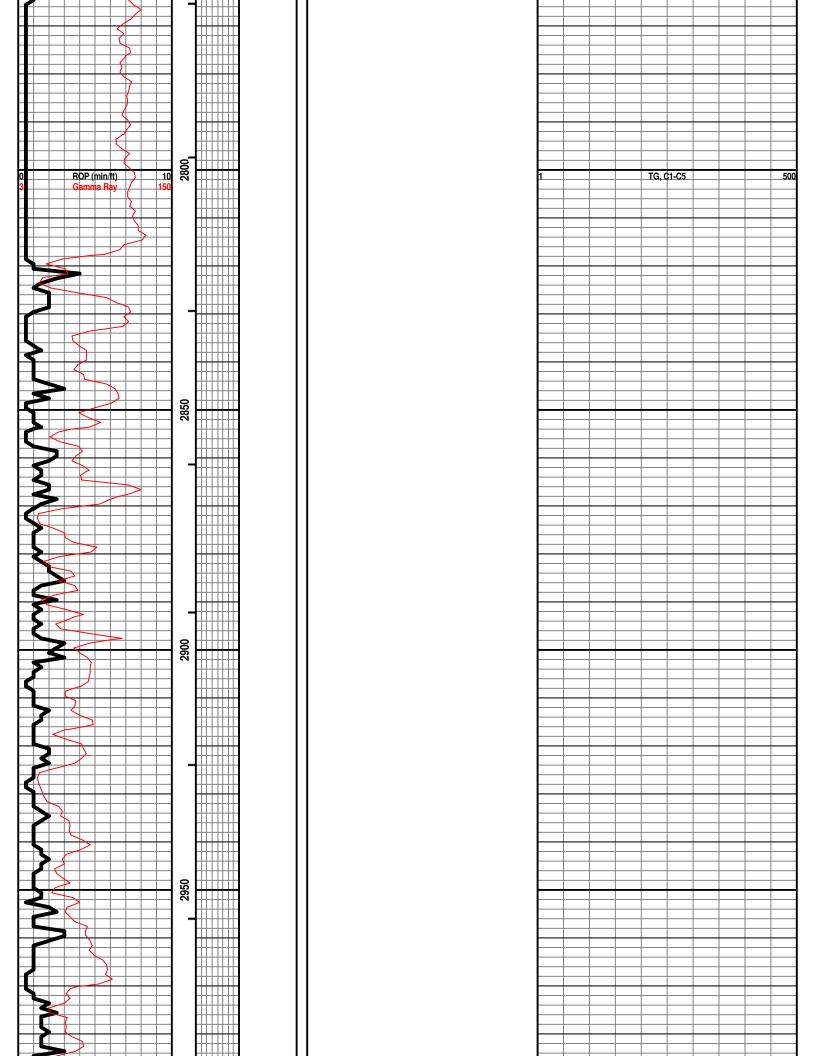
SIP: 380-150# FP: 75-94#, 102-219# HP: 2271-2230#

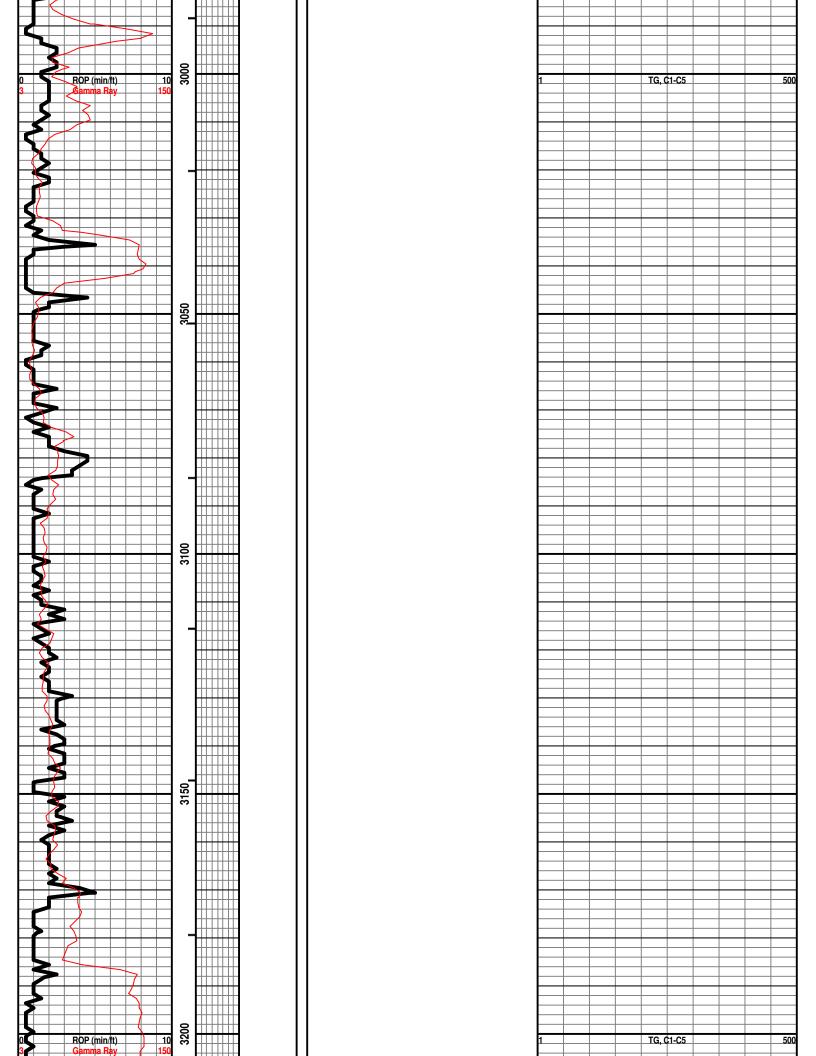


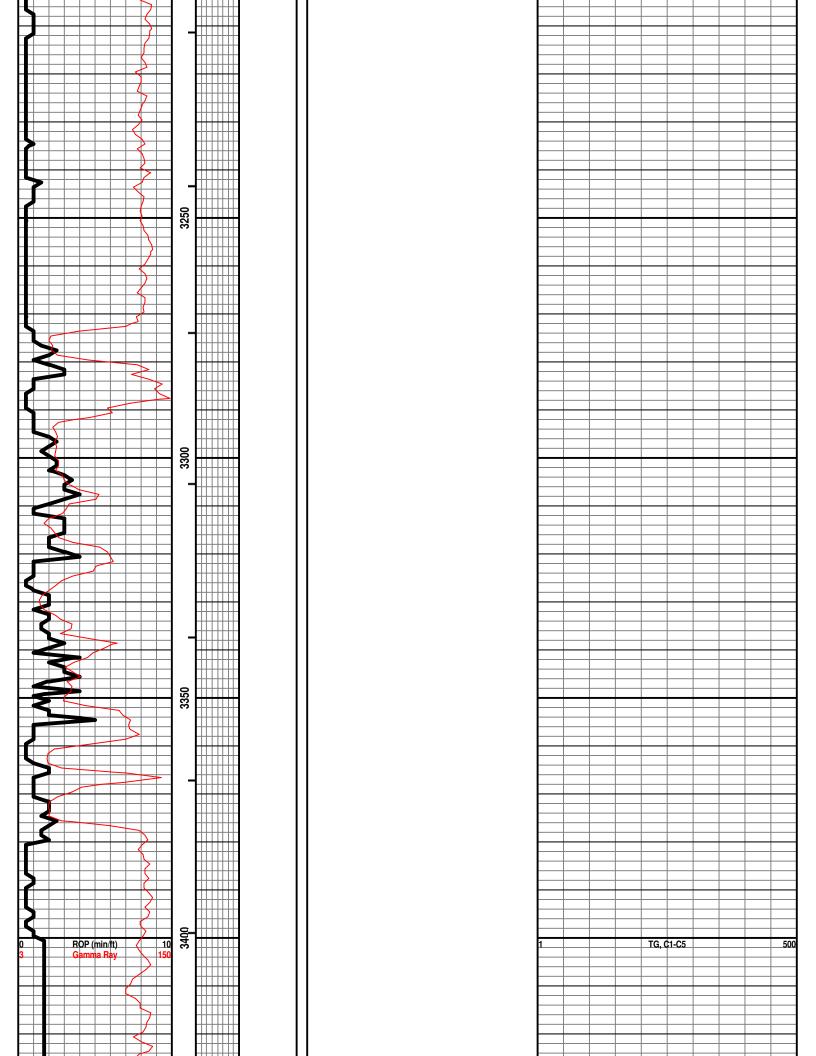


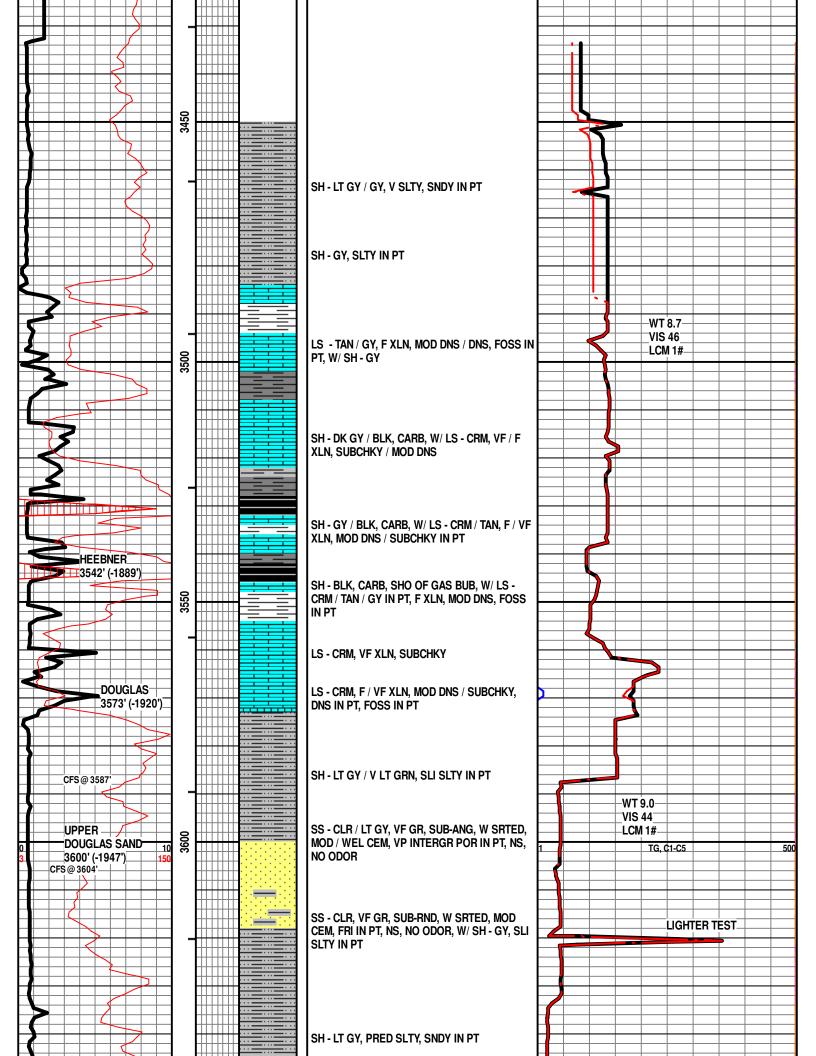


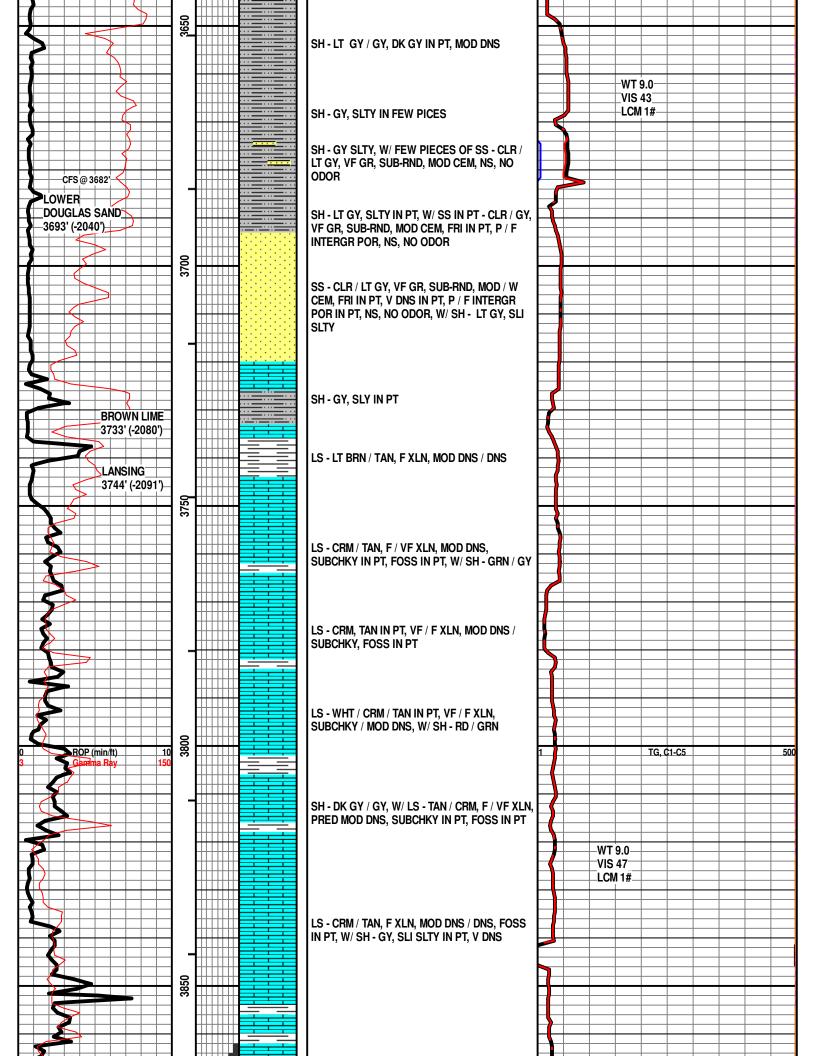


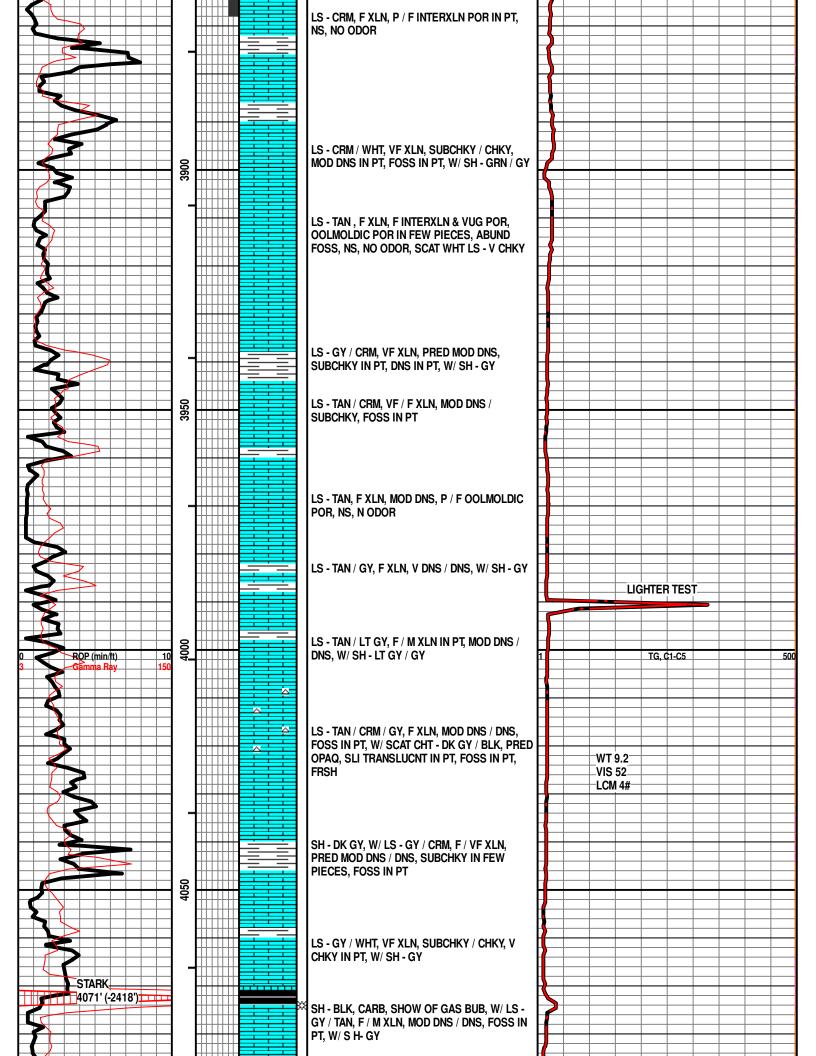


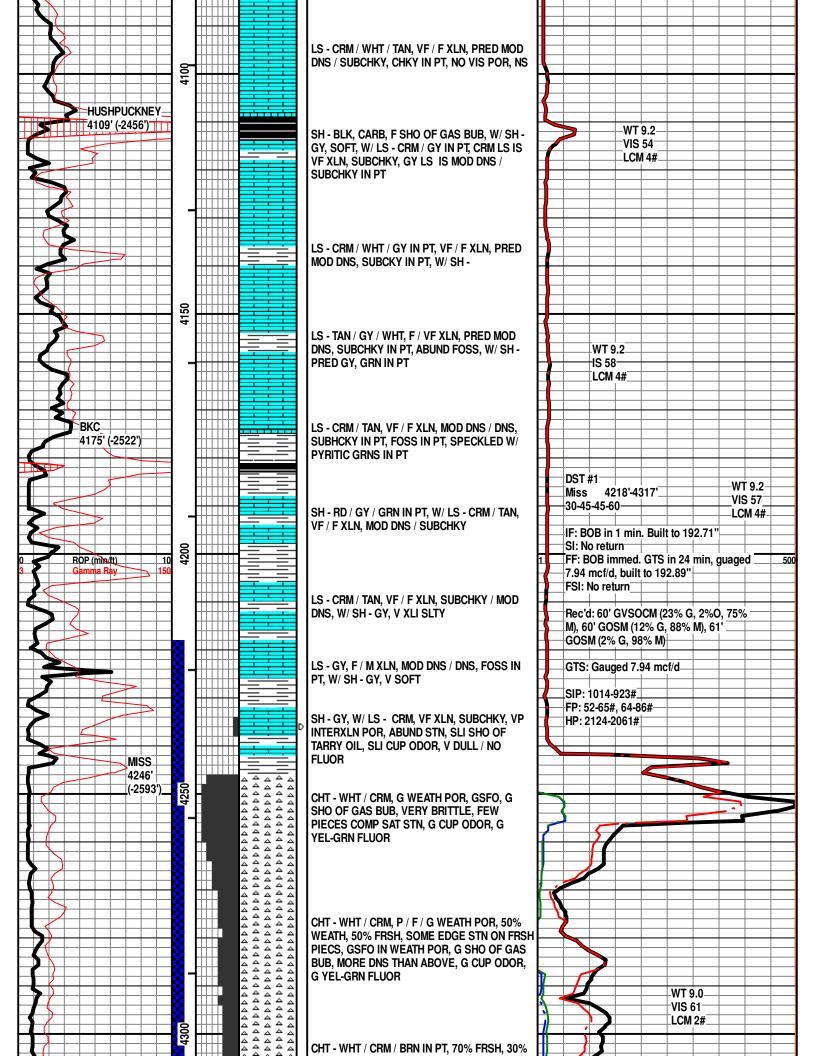


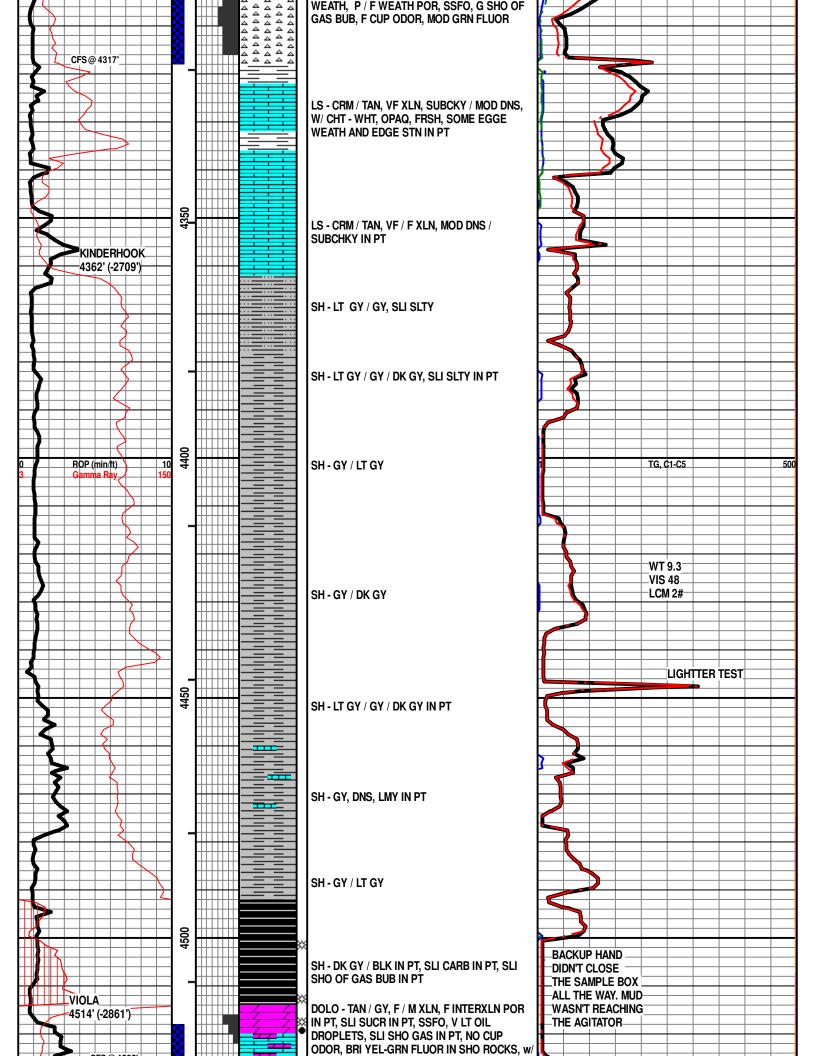


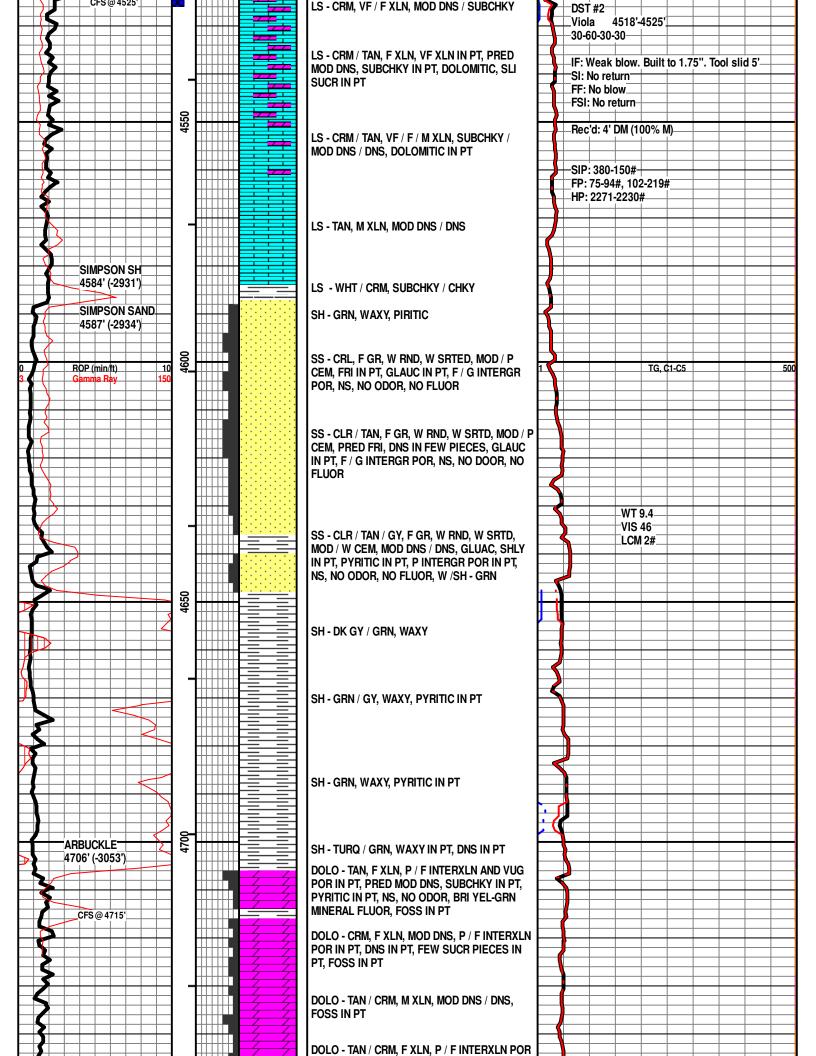


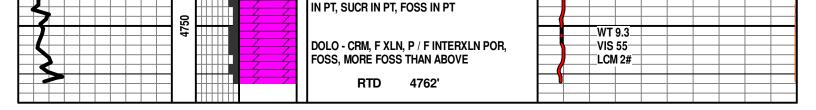














Indian Oil Company

308 S. Main St.

35-30s-12w Barber Co. Ks

Warren 3-35

Job Ticket: 67598

DST#:1

ATTN: Aaron Young

Test Start: 2021.10.31 @ 16:21:44

GENERAL INFORMATION:

Time Tool Opened: 19:15:14

Time Test Ended: 01:08:44

Formation:

Interval:

Mississippi

Deviated:

No Whipstock:

ft (KB)

Medicine Lodge, Ks. 67104

Test Type: Conventional Bottom Hole (Initial)

Tester:

Matt Smth

Unit No:

68

Reference Bevations:

1653.00 ft (KB)

1641.00 ft (CF)

Total Depth: Hole Diameter: 4317.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

4218.00 ft (KB) To 4317.00 ft (KB) (TVD)

KB to GR/CF:

12.00 ft

Serial #: 8788 Press@RunDepth: Inside

86.49 psig @

4219.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time:

2021.10.31 16:21:49 End Date: End Time:

2021.11.01 01:08:44 Last Calib .: Time On Btm: 2021.11.01

Time Off Btm:

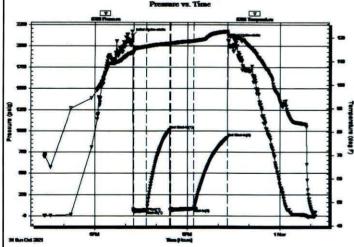
2021.10.31 @ 19:13:29 2021.10.31 @ 22:18:29

TEST COMMENT: IF: Strong Blow. B.O.B. in 1 min. Built to 192.71". (30)

ISI: No Blow. (45)

FF: Strong Blow. B.O.B. immediate. G.T.S. in 24 mins. Gauged Gas. Built to 192.89". (45)

FSI: No Blow. (60)



(Min.)	(naim)	Temp	Annotation
	(psig)	(deg F)	
0	2123.97	113.78	Initial Hydro-static
2	51.83	113.81	Open To Flow (1)
28	65.01	116.28	Shut-In(1)
72	1013.95	117.56	End Shut-In(1)
74	63.65	117.46	Open To Flow (2)
119	86.49	118.64	Shut-In(2)
185	923.37	122.72	End Shut-In(2)
185	2059.84	121.86	Final Hydro-static
2000000	NOTE OF THE RESERVE O	Name and the same and the	W 40 DEDAM AS \$300.

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Recovery

Length (ft)	Description	Volume (bbl)
60.00	GVSOCM 23%g 2%o 75%m	0.46
60.00	GOSM 12%g 88%m	0.47
61.00	GOSM 2%g 98%m	0.86

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	6.49	7.82
Last Gas Rate	0.13	6.82	7.94
Max. Gas Rate	0.13	6.82	7.94



Indian Oil Company

35-30s-12w Barber Co. Ks

308 S. Main St.

Medicine Lodge, Ks. 67104

Warren 3-35

Job Ticket: 67598

DST#:1

ATTN: Aaron Young

Test Start: 2021.10.31 @ 16:21:44

GENERAL INFORMATION:

Time Tool Opened: 19:15:14

Time Test Ended: 01:08:44

Formation:

Mississippi

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Matt Smth

Unit No:

68

1653.00 ft (KB)

Interval: Total Depth: 4218.00 ft (KB) To 4317.00 ft (KB) (TVD)

Reference Bevations:

1641.00 ft (CF)

4317.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

12.00 ft

Serial #: 8737 Press@RunDepth:

Outside

psig @

4219.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2021.10.31

End Date:

2021.11.01

Last Calib .:

Start Time:

16:21:16

End Time:

01:08:41

Time On Btm:

2021.11.01

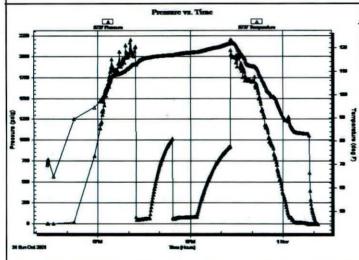
Time Off Btm:

TEST COMMENT: IF: Strong Blow . B.O.B. in 1 min. Built to 192.71". (30)

ISI: No Blow. (45)

FF: Strong Blow . B.O.B. immediate. G.T.S. in 24 mins. Gauged Gas. Built to 192.89". (45)

FSI: No Blow. (60)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation	

Recovery

60.00 GVSOCM 23%g 2%o 75%m 0.46 60.00 GOSM 12%g 88%m 0.47 61.00 GOSM 2%g 98%m 0.86	Description	Valume (bbl)
	GVSOCM 23%g 2%o 75%m	0.46
61.00 GOSM 2%g 98%m 0.86	GOSM 12%g 88%m	0.47
	GOSM 2%g 98%m	0.86
		GVSOCM 23%g 2%o 75%m GOSM 12%g 88%m

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	6.49	7.82
Last Gas Rate	0.13	6.82	7.94
Max. Gas Rate	0.13	6.82	7.94



FLUID SUMMARY

Indian Oil Company

35-30s-12w Barber Co. Ks

Warren 3-35

308 S. Main St. Medicine Lodge, Ks. 67104

Job Ticket: 67598

DST#:1

ATTN: Aaron Young

Test Start: 2021.10.31 @ 16:21:44

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight:

9.00 lb/gal

Cushion Length:

Viscosity:

55.00 sec/qt

Cushion Volume:

ft bbl Water Salinity: 5100 ppm

Water Loss: Resistivity:

9.19 in³

ohm.m

Gas Cushion Type:

Gas Cushion Pressure:

psig

Salinity: Filter Cake: 5100.00 ppm 0.20 inches

Recovery Information

Recovery Table

Length ft Volume Description bbl 60.00 GVSOCM 23%g 2%o 75%m 0.457 60.00 GOSM 12%g 88%m 0.470 61.00 GOSM 2%g 98%m 0.856

Total Length:

181.00 ft

Total Volume:

1.783 bbl

0

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

Laboratory Name:

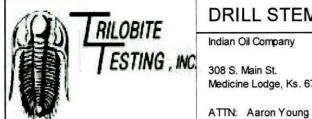
Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc

Ref. No: 67598

Printed: 2021.11.01 @ 07:11:33



GAS RATES

Indian Oil Company

Medicine Lodge, Ks. 67104

35-30s-12w Barber Co. Ks

Warren 3-35

Job Ticket: 67598

DST#:1

Test Start: 2021.10.31 @ 16:21:44

Gas Rates Information

Temperature:

59 (deg F)

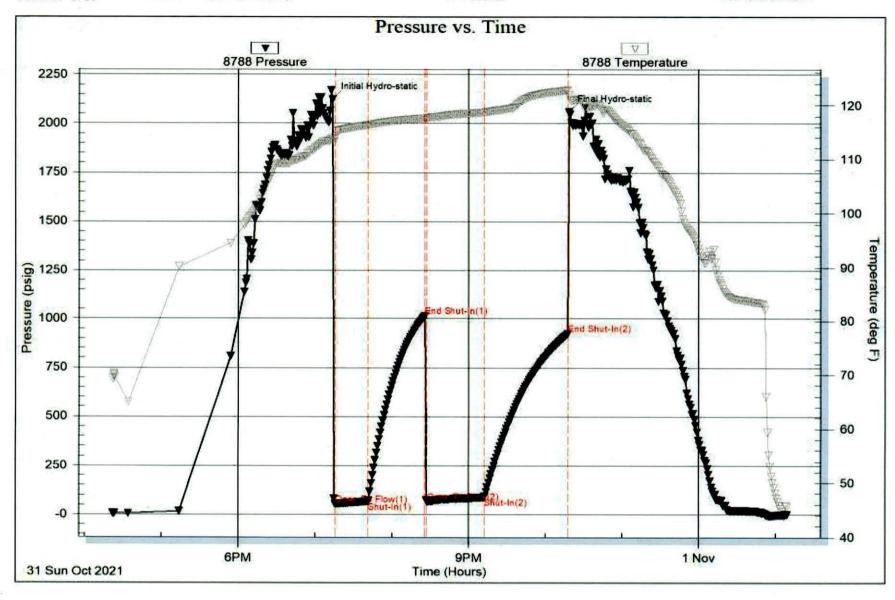
Relative Density:

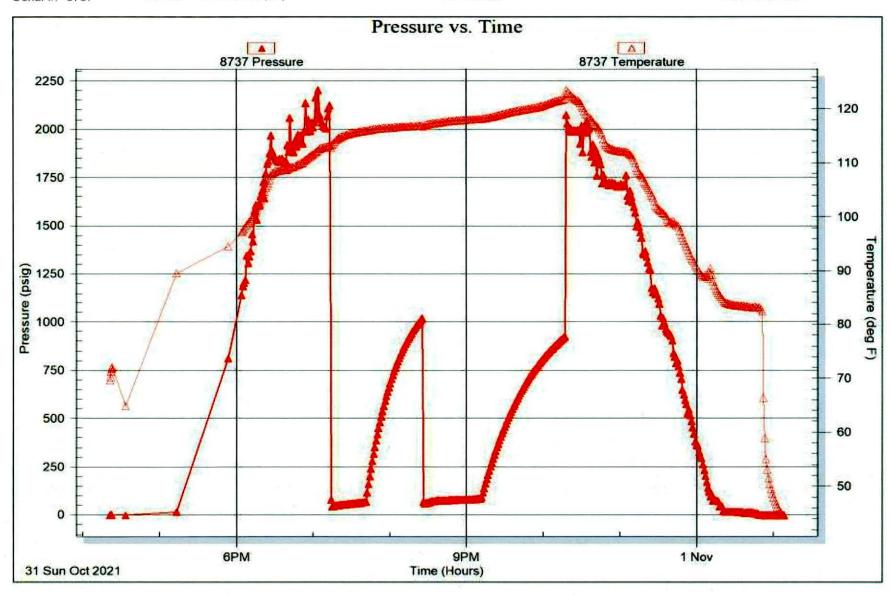
0.65 8.0

Z Factor:

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	24	0.13	6.49	7.82
2	30	0.13	6.43	7.80
2	40	0.13	6.74	7.91
2	45	0.13	6.82	7.94







Indian Oil Company

35-30s-12w Barber Co. Ks

308 S. Main St.

Medicine Lodge, Ks. 67104

Job Ticket: 67599

Warren 3-35

DST#: 2

ATTN: Aaron Young

ft (KB)

Test Start: 2021.11.01 @ 21:21:11

GENERAL INFORMATION:

Formation:

Viola

Deviated:

No Whipstock:

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 23:55:11

Time Test Ended: 04:53:41

Tester:

Matt Smth

Unit No:

68

Interval:

4518.00 ft (KB) To 4525.00 ft (KB) (TVD)

Reference Elevations:

1653.00 ft (KB)

Total Depth:

4525.00 ft (KB) (TVD)

1641.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

12.00 ft

Serial #: 8788 Press@RunDepth: Inside

219.16 psig @

4519.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time:

2021.11.01 21:21:16 End Date: End Time: 2021.11.02 04:53:40 Last Calib .: Time On Btm:

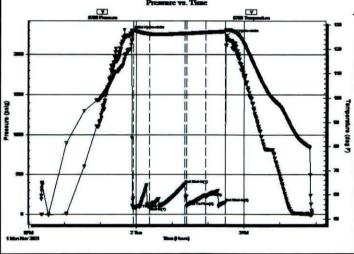
2021.11.02 2021.11.01 @ 23:52:11

Time Off Btm:

2021.11.02 @ 02:30:11

TEST COMMENT: IF: Weak Blow . Built to 1 3/4". in the Bucket. Slid 5 '. (30)

ISI: No Blow. (60) FF: No Blow . (30) FSI: No Blow. (30)



Time	Pressure	Temp	Annotation	
(Min.)	(psig)	(deg F)		
0	2271.03	123.61	Initial Hydro-static	
3	74.56	127.69	Open To Flow (1)	
31	93.85	126.21	Shut-In(1)	
89	379.55	126.48	End Shut-In(1)	
92	101.77	126.43	Open To Flow (2)	
124	219.16	126.88	Shut-In(2)	
157	149.94	127.28	End Shut-In(2)	
158	2229.90	127.83	Final Hydro-static	
158	2229.90	127.83	Final Hydro-static	

Recovery

Length (ft)	Description	Volume (bbl)
4.00	DM 100%m	0.03
Recovery from r	nultiple tests	

Gas Rates Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 67599

Printed: 2021.11.02 @ 07:32:37



Indian Oil Company

35-30s-12w Barber Co. Ks

308 S. Main St.

Medicine Lodge, Ks. 67104

Warren 3-35

Job Ticket: 67599

DST#: 2

ATTN: Aaron Young

Test Start: 2021.11.01 @ 21:21:11

GENERAL INFORMATION:

Formation:

Viola

Deviated:

Interval:

Total Depth:

Hole Diameter:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Matt Smth

Unit No:

1653.00 ft (KB)

Reference Elevations:

1641.00 ft (CF)

Time Tool Opened: 23:55:11

Time Test Ended: 04:53:41

4518.00 ft (KB) To 4525.00 ft (KB) (TVD) 4525.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

KB to GR/CF:

12.00 ft

Serial #: 8737 Press@RunDepth: Outside

psig @

4519.00 ft (KB)

2021.11.02 Last Calib .:

Capacity:

8000.00 psig

Start Date:

2021.11.01

End Date:

Time On Btm:

2021.11.02

Start Time:

21:21:27

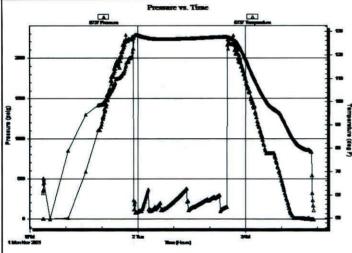
End Time:

04:53:51

Time Off Btm:

TEST COMMENT: IF: Weak Blow . Built to 1 3/4". in the Bucket. Slid 5'. (30)

ISI: No Blow. (60) FF: No Blow. (30) FSI: No Blow. (30)



1	PRESSURE SUMMARY				
	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation	
Temperature (deg F)					

Recovery Length (ft) Description Volume (bbl) 4.00 DM 100%m 0.03

Gas Rales					
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)		

Recovery from multiple tests Trilobite Testing, Inc

Ref. No: 67599

Printed: 2021.11.02 @ 07:32:37



FLUID SUMMARY

Indian Oil Company

35-30s-12w Barber Co. Ks

308 S. Main St.

Warren 3-35

Medicine Lodge, Ks. 67104

Job Ticket: 67599

DST#: 2

ATTN: Aaron Young

Test Start: 2021.11.01 @ 21:21:11

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

Water Salinity:

deg API

Mud Weight:

9.00 lb/gal

Cushion Length:

ft

5300 ppm

Viscosity:

47.00 sec/qt

Cushion Volume:

bbl

Water Loss: Resistivity:

10.79 in³ ohm.m Gas Cushion Type: Gas Cushion Pressure:

psig

Salinity:

5300.00 ppm

Filter Cake:

0.20 inches

Recovery Information

Recovery Table

Volume Length Description bbl 0.030 4.00 DM 100%m

Total Length:

4.00 ft

Total Volume:

0.030 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #: None

Laboratory Name:

Laboratory Location:

Recovery Comments: 10 Stands off Bottom Had to Push Through. Slid 5FT.

severe plugging during both flow periods

