KOLAR Document ID: 1654772

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: State: Zip:+	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.xxxxx) (e.gxxx.xxxxxx) Datum: NAD27 NAD83 WGS84				
Wellsite Geologist:					
Purchaser:	County:				
Designate Type of Completion:	Lease Name: Well #:				
New Well Re-Entry Workover	Field Name:				
□ Oil □ WSW □ SWD	Producing Formation:				
Gas DH EOR	Elevation: Ground: Kelly Bushing:				
	Total Vertical Depth: Plug Back Total Depth:				
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet				
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?				
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)				
	Chloride content: ppm Fluid volume: bbls				
Commingled Permit #:	Dewatering method used:				
Dual Completion Permit #:	Leading of fleth diseased if headed offelia				
EOR Permit #:	Location of fluid disposal if hauled offsite:				
GSW Permit #:	Operator Name:				
	Lease Name: License #:				
Could Date or Date Decembed TO Commission Date or	Quarter Sec TwpS. R				
Spud Date or Date Reached TD Completion Date or 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: 1654772

Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool rature, fluid recovery, Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name)		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud Logs List All E. Logs Run:			Y€ Y€	es No						
			Repo		RECORD [Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[Depth	Typo	of Cement	# Sacks Use		EEZE RECORD	Typo a	nd Percent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	туре	or cement	# Sacks Use	,u		туре а	ia reicent Additives	
Plug Off Z										
Did you perform Does the volum Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping Mcf	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL:							N INTERVAL:		
Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled					Bottom					
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (SUDI	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Bridge Plug Acid, Fracture, Shot, Cementing Type Set At (Amount and Kind of M.			Record			
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Dreiling Exploration LLC
Well Name	OTTLEY 1-20
Doc ID	1654772

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	266	Class A	225	3%cc.2%g el

FRANKS Oilfield Service

♦ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269

♦ Office Phone (785) 639-3949 ♦ Email: franksoilfield@yahoo.com **TICKET NUMBER** FOREMAN Tom Williams

FIELD TICKET & TREATMENT REPORT

DATE CUSTOMER # WELLNAME & NUMBER SECTION TOWNSHIP RANGE COUNTY OUTSTONED TO ALL MAILING ADDRESS SIGNE PRODUCT UNIT PRICE TOTAL PLANE FOR A SECTION TOWNSHIP RANGE COUNTY STATE PLANE AND ALL MAILING ADDRESS SIGNE PRODUCT UNIT PRICE TOTAL PLANE AND ALL MAILING ADDRESS SIGNE SIG				CEM	ENT			
CUSTOMER DELITION OF EXPLORATION ALL MALLING ADDRESS SIST MAIN ST CITY STATE DECODE VICTORIA NS 57 CITY STATE DECODE VICTORIA OF THE SIZE DECODE VICTORIA OF THE SIZE DELITION DELITION OF THE SIZE AND THE SIZE DELITION OF SERVICES OF PRODUCT ACCOUNT COUNT QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT TOTAL ACCOUNT COUNT QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT TOTAL ACCOUNT COUNT QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT TOTAL ACCOUNT COUNT QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT TOTAL ACCOUNT COUNT QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT TOTAL ACCOUNT COUNT QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT TOTAL ACCOUNT COUNT QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT TOTAL ACCOUNT COUNT QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT TOTAL ACCOUNT COUNT QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT TOTAL ACCOUNT COUNT QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT TOTAL ACCOUNT COUNT QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT TOTAL ACCOUNT COUNT QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT TOTAL ACCOUNT ACCOUNT ACCOUNT COUNT QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT ACCOUNT ACCOUNT TOTAL ACCOUNT ACCOUNT ACCOUNT TOTAL ACCOUNT ACCOUNT ACCOUNT TOTAL ACCOUNT ACC	DATE	CUSTOMER #	WELL	NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
MAILING ADDRESS BIS Main St CITY STATE PICODE VICTORIA MS STATE PICODE VICTORIA MS STATE PICODE VICTORIA MS STATE PICODE PILL PIPE TUBING DISPLACEMENT 15:2 DISPLACEMENT 15:3 MIX PSI RATE REMARKS: Sales MEIGHT 4 See as as 577 VILLISIA. Cicebbul pake MIX 225 SER SIN BAND VISIANU 15:3 Bb) THURKS TOM FLATU ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE PLOOR 1 PUMP CHARGE SUTTAL 429 SO 4950 MIX PSI RATE ROCCOUNT CODE PLOOR 1 PUMP CHARGE SUTTAL 424 SO 4550 4551 SALES TAX SALES	the state of the s	34657	Ottles	1-20	20	10	30N	Sherdan
MALING ADDRESS S No in 5t CITY STATE 2P CODE VI CHAPIA 15 6767 JOB TYPE SUAFACE HOLE SIZE 12 ML HOLE DEPTH 266 CASING SIZE & WEIGHT 28 ML CASING DEPTH 265.24 ML FOR DEPLACEMENT 15.2 SLUBBRY VOL 1.1.3.2 WATER galvek CEMENT LEFT in CASING DESPLACEMENT 15.5 150 DISPLACEMENT PSI REMARKS: SACKE, MELLETING REMARKS: SACKE, MELLETING REMARKS: SACKE, MELLETING PLUG JOB TO MILE ARE PLUG JOB TO MILE ARE ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT LINIT PRICE TOTAL ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT LINIT PRICE TOTAL ACCOUNT CODE MILE ARE PLUG S 1 PUMP CHARGE SUAFAIL PLUG S 1/85 ML ACCOUNT CODE COD COD	CUSTOMER D/	milian F	Explanati	00 111	TRUCK #	T DRIVER	TRUCK #	DRIVER
CITY STATE PICTODE VICTORIA NO STATE PROTECTION OF STATE PROTECTIO	MAILING ADDRE	ESS 3	April 45	on and		1	THOOK #	Driver
CITY VICTORIA STATE PROPER WILDOUT JOB TYPE SUPER WILDOUT ACASING DEPTH 2/5.26 DRILL PIPE SUPER WEIGHT 15:23 SUPER WEIGHT 15:23 SUPER WEIGHT 15:25 DISPLACEMENT PSI MK PSI REMARKS: SADE MELT 16 AS SEE AS S		8	15 Mai	n 5t	-			
JOBTYPE SULANCE HOLE SIZE 12 14 HOLE DEPTH 766 CASING SIZE & WEIGHT 878" CASING DEPTH 265.24 HOLE SIZE 12 14 HOLE DEPTH 766 CASING SIZE & WEIGHT 878" CASING DEPTH 265.24 DRILL PIPE TUBING OTHER SLURRY WEIGHT 15.2 SLURRY VOL 1.32 WATER gal/sk CEMENT LEFT IN CASING DISPLACEMENT PSI MIX PSI RATE RA	CITY		STATE	ZIP CODE	70%			
JOB TYPE SULFACE ASING DEPTH 265.49 DRILL PIPE TUBING TUBING TUBING TOTHER SULPRY WEIGHT 5.28 DISPLACEMENT 15.32 DISPLACEMENT 15.32 DISPLACEMENT 15.35 DISPLACEMENT 15.35 DISPLACEMENT PSI MIX PSI RATE R	Vict	oria	145	62671		1	L I E V	
CASING DEPTH 215.2 8' DRILL PIPE TUBING OTHER SURRY VOL 132 WATER BAINK CEMENT LETT IN CASING DISPLACEMENT 15.3 SURRY VOL 133 WATER BAINK CEMENT LETT IN CASING DISPLACEMENT 15.5 BB) DISPLACEMENT PSI MAY PSI RATE REMARKS: 500 to MILE A SOLE			HOLE SIZE	12 /4 HOLE DE	ртн <u>266</u>	CASING SIZE & W	EIGHT 8 3/5	ď
DISPLACEMENT 5.5 Bb) DISPLACEMENT PSI MIX PSI RATE REMARKS: SACREY MELLING & SEE UP AS 57 P MILLING. CICHAPH PARE MH 225 SEARCH BLEAD POST SEC. THERE TO PROJECT RACK UP MOVE SEC. PLUG YOUNT OUNTS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL PLOOD I PUMP CHARGE SUFFRED FRODUCT UNIT PRICE TOTAL PLOOD III D TON MILEAGE #400 1/950 MILEAGE MOO 2 1 110 TON MILEAGE #400 1/950 MILEAGE MOO 3 100 MILEAGE #400 1/950 MILEAGE MOO 3 100 MILEAGE #400 1/950 MILEAGE LES SOLIS CLESS A 2/051 3/960 42450 \$551250 SALESTAN \$1088 UT BESTIMATED TOTAL SALESTAN 398.28 ESTIMATED TOTAL SALESTAN 398.28	CASING DEPTH	265.28	DRILL PIPE	TUBING				
REMARKS: SOLE Method & Set up an STP Willing. Circularly pake MH 225 FRORM Brend Bighd Bighd 1515 Bb) 3thut in Thorks Tom Hery ACCOUNT CODE ACCOUNT CODE ACCOUNT CODE ACCOUNT OF PUMP CHARGE SUTTOLE TOTAL PLOOD I PUMP CHARGE SUTTOLE TOTAL PLOOD TO MILEAGE MODE TO MILEAGE MODE TO MILEAGE TO STAND TO S	SLURRY WEIGH	T 15.2	SLURRY VOL _	432 WATER 9	al/sk	CEMENT LEFT in	CASING	
ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL PLOOD #950° #	DISPLACEMENT	15.5 351						
ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL PLOOD #950° #	REMARKS:	salta ne	eting &	59E 40	O STP D	Milling.	circulat	hale
ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL PLOOR 1 PUMP CHARGE SUFFACE \$9.50 \$49.50 \$195.00 \$195.	MH 2	25 500	au blo	end Disslau	d 15,5 B			
Thinks Tam Flyw ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL PLOOR PUMP CHARGE SUTFAIR FROM \$450 00 \$4950 00 \$100 00 \$	17/464	t prosur	RAUL	up mar	e off			
ACCOUNT QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL PLOOR PUMP CHARGE SUFFIEL \$950 00 4950 00 MILEAGE \$1.10 MILEAGE \$1.00 00 \$1.00		- / /	Plug das	Nn 7:45 p	m			
ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL PLOOR I PUMP CHARGE SUFFICE 4950 4950 4950 4950 4950 4950 4950 4950)	,	19.			100
ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL PLOOR I PUMP CHARGE SUFFICE 4950 4950 4950 4950 4950 4950 4950 4950		3	***************************************					2,000
ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL PLOOR I PUMP CHARGE SUFFICE 4950 4950 4950 4950 4950 4950 4950 4950		*						
DESCRIPTION OF SERVICES OF PRODUCT ONT PRICE FORD PUMP CHARGE SUFFICE 4750 0 4950					Thanks	Tam +4	rw .	1 7 7 1 1 1 1
DESCRIPTION OF SERVICES OF PRODUCT ONT PRICE FORD PUMP CHARGE SUFFICE 4750 0 4950								
DESCRIPTION OF SERVICES OF PRODUCT ONT PRICE FORD PUMP CHARGE SUFFICE 4750 0 4950	ACCOUNT							
MODI 30 MILEAGE MODI 11.10 Ton Mileagr de (1/24) \$100 00 \$100	and the second second	QUANTITY	or UNITS	DESCRIPTIO	N of SERVICES or PR	ODUCT		TOTAL
MODI 30 MILEAGE MODI 11.10 Ton Mileagr de (1/24) \$100 00 \$100	P6002	1		PUMP CHARGE	urface		\$950°	\$195000
11.10 Ton Mileage de (1/4my \$400 00 \$400 00 00 00 00 00 00 00 00 00 00 00 00	mool	30		MILEAGE			\$1,00	\$19500
CBOOT 225 Souls Class A 29agel 39all 42450 4551250 subtotal 4725750 less 15% disc. 41088 43 subtotal 414,168 57 subtotal 414,168 57 subtotal 414,168 57 subtotal 42450 subtotal 414,168 57 subtotal 42450 subtotal 414,168 57 subtotal 42450 subtotal 42450 subtotal 4725750 subtotal 42450 subtotal 4725750 subtotal 42450 subtotal 4725750 subtot	m002	11,	10	Ton Miles	are deltu	'say	\$600 00	\$ 600 00
SALES TAX 398.28 ESTIMATED USU7.15	CB004	2	25 sodes	1 1 1	290901 39	all	\$2450	\$551250
SALES TAX 398.28 ESTIMATED USU7.15)			
SALES TAX 398.28 ESTIMATED USU7.15								
SALES TAX 398.28 ESTIMATED USU7.15							subtotal	\$7.25750
SALES TAX 398.28 ESTIMATED TOTAL USU7.15				5		1455 15	% disc.	\$1088 4
SALES TAX SALES TAX ESTIMATED TOTAL 6567.15							sh total	\$1.168 87
TOTAL 6567.15								14,40
TOTAL 6567.15	-					-		25.
TOTAL 6567.15							= =	
TOTAL 6567.15		N. Carlotte					s.	n 200
TOTAL 6567.15						- 10		1 1/2/20
TOTAL 6567.15								hif as a
TOTAL 6567.15								2.25
TOTAL 6567.15							t all a	
TOTAL 6567.15								1184, 1/11
TOTAL 6567.15							SALES TAX	398.28
							ESTIMATED	
								0301.15

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

FRANKS Oilfield Service

♦ 815 Main Street Victoria, KS 67671 ♦ 24 Hour Phone (785) 639-7269

♦ Office Phone (785) 639-3949 ♦ Email: franksoilfield@yahoo.com TICKET NUMBER 0541
LOCATION Haxie FOREMAN Tom Williams

FIFI D TICKET & TREATMENT DEDOOT

		1 11	-D HORL	CEMEN	ATIVIENT NEP	ONI	`a.	
DATE	CUSTOMER#	WELL	. NAME & NUM		SECTION	TOWNSHIP	RANGE	COUNTY
3-22-27	34657	Ottle	۷	1-20	20	1.0	30 W	5 hyriday
CUSTOMER DA	eiling E	a place + 4	n 226		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRE	ss J	<u> </u>	<u> </u>	1	101	TomW		Dillyzit
	G15 1	Main 5	(t		102	Saule T		
CITY	<u> </u>	STATE	ZIP CODE			1	1	
Victo	ria	K9	6707					
JOB TYPE		HOLE SIZE		HOLE DEPT	тн	CASING SIZE & V	WEIGHT	
CASING DEPTH_		DRILL PIPE		TUBING	 -		OTHER	 _
SLURRY WEIGHT				_	sk		CASING	
DISPLACEMENT		DISPLACEMENT	PSI	MIX PSI		RATE		
REMARKS: Sa	464 Me	eting i	- 5et 1	up DA	3+PD	rilling.	Plug 4:	5 Bitold
1 200 C	7// 3 U A	seus -		·				
2 rd 157	5 100 9							
3/2 300 4/Th	2' 50 s							
- <u>1</u> /14	10 56							
<u> </u>	30 54	<u> </u>		<u> </u>				 _
							 -	
	-	-		<u>.</u>	Tlake	5 Tam à	Tack	
					7 1010	- 1 000 C	UNLIN	
ACCOUNT CODE	QUANTITY	or UNITS	D	ESCRIPTION	of SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
PC005	/		PUMP CHAR	GE PTI	٩		\$150000	\$150000
mool	30		MILEAGE				\$450	\$ 195 to
MODZ	10.0	18 tens	Ton 1	n: 14098	44 7/0 5xil		+40000	\$4000
CB010	740	4ciks	40/40	49094	1/4# 5/0 5x1	•	\$1475	\$ 402000
							sub total	\$ 431500
						less 1	% clise.	\$ 947 25
	-	·		<u>-</u>	-		schotel	\$5,34775
	-							
	<u> </u>							
		<u>-</u>						
							ļ	<u> </u>
	-/						SALES TAX	290.45
	/,	_					ESTIMATED TOTAL	5658.20
UTHORIZATION	logu	y		TITLE			DATE	

3958 3958 - 1070 - 1060 - 1050 3975 3975 - 1087 - 1075 - 1068 3975 3975 - 1087 - 1075 - 1068 4248 41249 - 1361 - 1352 - 1341 4373 4373 - 1485 4472 4472 - 1584 - 1580 - 1541 4472 4472 - 1584 - 1581 - 1570 PAGE 4600 - 1712 - 1066 - 1047 PAGE 4600 - 1712 - 1710 - 1088 PREFERENCE WELLS 1 Casp. Ben Henmert #1, C-Sw-Sw Sec. 20-105-30W 4551 4550c Tnc., Schwarz 1-21, 660 Est + 500 EWL Sc 21-105-30W	FORMATION TOPS AND STRUCTURAL POSITION FORMATION SAMPLE E. LOG DATINGS A B C D Anhydrife 2471 2470 + 418 + 428 + 432 Basic Anhydrife 2502 2500 + 388 + 399 + 401 Tapeka 3717 3717 - 829 - 818 - 814 Heebner 3937 3937 - 1049 - 1038 - 1032 Herbner 3937 3937 - 1049 - 1038 - 1032 Herbner 3937 3937 - 1049 - 1038 - 1032	ESI & 1975 FEI MSP_105_RGE_30W MSP_105_RGE_30W MSP_105_RGE_30W MSP_105_RGE_30W TP Drilling LLC Rig # 1 COMP_3/22/22 FROM_3670'_T04600'	ART. \$15.179-21477-0000 GEOLOGICAL REPORT COMPANY Deciling Exploration LLC LEASE Ottley #1-20 KB £3+2888 EIFID 11:140-4
Anhydrite Salt		GEND GEND Carb sh Limestone Ool.Lime Cher	Δ /// Δ ///
DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases 5" 10" 15" 20" 25"	Sandstone Shale LITHOLOGY DEPTH		OF SHOWS REMARKS
Annydrite	2480 (1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Cann Base Anh, de Te	2500 ((11)		
	3400		- - -
- cana	20		-
dann dann	40		Samples are lagged _ good samples
- 2011	3700	LS:tn-Lt.gryfslfdns xs.o. LS:tn Suc-fxln inxln & N.S.O.	
-conn	20	SItstone: brn LS:wh-tn fxln-fslf dns N.S.O- LS:wh-tn-Lt. gry fxln tr PP P N.S.O.	
- conn	40	Is:white fall dol Trsli. dale pp & N.S.O. As:white fall das NSO. Slistone:ben	
-cann	3800	LS: who to Slo Cky - fx/n Slo od ppp N.S.O. Pal: to fx/n inx/n & N.S.O. Ti D whoth	
Cann	20	15: Wh-to-Lt-gry frin odl N.S.a. Sh: blk Carb SS: gry V.fn gn consol ingran 9 N.S.O.	
3 - aann		Ststone:bin 15: whith fall ool-sub ool prop to wrasph spks 15: whith fall ool prop- inpart & N.S.O. Nocut	
- conn	3900	Tr blk Carb shale Shibrn + gry Listn-bro fslf dos	
-conh Heebner	20	Shibsk Carb. Listnfilf das	- -
/cann Toronto	80	ststane: Lt. gry si white slicky fish tr. ppp NS.O. sitstane: brntgry 15: white slicky-fish	
- cann	4000	LS: What sticky-fxln Tr dal pp & - inpart & NS.O. LS: tn fxln dns NS.O. Sitstone: brn LS: tn fxln del pp & N.S.O.	
-cann	40	15:whith fxln dns NS.O. Aty Whith aa	
- cann	80	LS: who to fix my slicol pp & NS.Q. Tr A bro Tr LS: who slicky - Suc friable NS.Q. Shi gry LS: to Lt gry fix das N.S.Q.	–
Muncie Creeksh	4/00	Stimble - ht. grycky-fxh. pp p-sli. vgy p N.s.o. Sh: Blt Carb Ls: tn-Lrr fslf dns N.S.O. sltstone: Lt.grx	
	40	LS: what fxln das N.S.O. LS:tn-gay fxln das N.S.O. Sitstone: bra LS:What.fxl. das N.S.O.	_
Stark pes	80	Statement das NSO. No cut No odor Statement gry Ls:ta fxla das No cut No odor	-
	20	Sltstone : gry + drk gry Sltstone : Lt gry LS: wh-to mt/d fs/f dns NS.O.	
Base Kansos Gry		Stateme: blk Lsrubeth sliveky - falf pr. pp & Pr. inport & br. shapks in Ls. No cut No odor 55=gry V.fn gn consol. ingran & NSO-	Short Teip @ 4259' 60 Stands 5 3/4 hrs.
Marmaton	80	LS: Wh-tn fxln dns Nis.O. Slystone: Lt.gry	
	20	15: white film to coral hs: mostly des N.S.O. sltstone: gry + bre Ls: white folf to.pp \$\phi\$	
Capr	40	As: th-ht.gry fx la V. dns	
Pawnee	80	Slfstone: Lt.grx L5: whoto cky -fxlndns No cut Shi drk gry	-
-cann	20	LS: gry, brn fstf dns N.S.O LS: white fxlndns & H. 3ry NS.O. LS: white fxlndns & gry	
EA SARITH CONTRACTOR OF THE PARTY OF THE PAR	60	Shisaft blk Carb. LS: whith fixle Tr prop d Mostly das pritic Seat Lt O State Lt ben F.O. ft. odor fr cut LS: whith fixle das	
Cherakee Sh S-conn	4500	15: to - ht ary from - 5/1.	
J · Cann	20	LS:tn-Lt.gry foln-Sli- folf of NS N.S.O. No fluor. No odor LS:tn-Lt.gry foln dns NS.O. LS: Wheth-Lt.gry foln das No fluor No odor NS.O. Aty tn-brn SS unconsol	
Mississippian -conn	40	Arg sltstone: xel Aty aia ss: clr-frost uncon. rnd-ang N.S.O. SS+Aaa LS: whith cky-fx/mdns NS-O. LS: th-lt.gn-Sli.yel fxln dns NSO. Aty tn-Lt.gry	No Det
R. T. D.	4600	Ls: + incr xty aa. Ls: who to fxlo dos xty whosy, or	No D.S.T.S - Short Trip @ 4600 _