KOLAR Document ID: 1376872

Confiden	tiality Requeste	d:
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

		DECODIDEIO		
WELL	HISTORY	- DESCRIPTIO	N OF WELL	& LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
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 □ 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 #: SWD Permit #:	
SWD Permit #: EOR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date 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 III Approved by: Date:

KOLAR Document ID: 1376872

Operator Name:	Lease Name: Well #:
Sec TwpS. R East 🗌 West	County:

Page Two

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sheets)		Y	Yes No			og Formatio	n (Top), Depth	pth and Datum		
Samples Sent to Geolog	*		és 🗌 No	Ν	lame	e		Тор	Datum	
Cores Taken			ies No ies No ies No							
		Repo	CASING I] Ne	w Used rmediate, productio	on, etc.			
Purpose of String	Size Hole Drilled		ze Casing tt (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
			ADDITIONAL	CEMENTING /	SQU	EEZE RECORD				
Purpose: Depth Perforate		Туре	e of Cement	# Sacks Used			Type and	Percent Additives		
Protect Casing Plug Back TD Plug Off Zone										
 Did you perform a hydra Does the volume of the is Was the hydraulic fractu Date of first Production/Inj 	total base fluid of the h ring treatment informa	nydraulic fra tion submit	acturing treatment	al disclosure regis	-	Yes Yes Yes Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three		
Injection:			Flowing	Pumping		Gas Lift 🗌 O	ther <i>(Explain)</i>			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water Bbls. Gas-Oil Ratio Gravity					
DISPOSITION	I OF GAS:		M	ETHOD OF COM	IPLE	TION:			ON INTERVAL:	
Vented Sold (If vented, Subm	Used on Lease		Open Hole		Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)			Top Bottom		
	oration Perfora Top Botto		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeeze		
TUBING RECORD:	Size:	Set At:		Packer At:						

Form	ACO1 - Well Completion
Operator	Lebsack Oil Production Inc.
Well Name	PFEIFER-AMYX 1
Doc ID	1376872

Tops

Name	Тор	Datum
Heebner	3807	-891
Toronto	3818	-902
Lansing	3906	-990
Base KC	4308	-1392
Marmaton	4336	-1420
Pawnee	4412	-1496
Ft. Scott	4445	-1529
Mississippi	4682	-1766
RTD	4860	-1944

Form	ACO1 - Well Completion
Operator	Lebsack Oil Production Inc.
Well Name	PFEIFER-AMYX 1
Doc ID	1376872

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.250	8.625	23	478	Class C		2% CC 2% gel
Production	7.875	5.5	14	4854	AA-2	540	

Joshua R. Austin Petroleum Geologist report for Lebsack Oil Production, Inc.								
COMPANY: Lebsack Oil Production, Inc.								
LEASE: Pfeifer-Amyx #1								
FIELD: West Damme Ext.								
LOCATION: 2200' FSL & 440' FWL								
SEC: 7 TWSP: 22s RGE: 33w								
COUNTY: Finney STATE: Kansas								
KB: 2917 GL: 2904'								
API # 15-055-22473-00-00								
CONTRACTOR: Sterling Drilling Company (rig #5)								
Spud: <u>12/04/17</u> Comp: <u>12/10/2017</u>								
RTD: <u>4860'</u> LTD: <u>4859'</u>								
Mud Up: <u>3400'</u> Type Mud: <u>Chemical was displaced</u>								
Samples Saved From: <u>3600' to RTD.</u> Drilling Time Kept From: <u>3600' to RTD.</u> Samples Examined From: <u>3600' to RTD.</u> Geological Supervision From: <u>3850' to RTD.</u> Geologist on Well: <u>Josh Austin</u> Surface Casing: <u>8 5/8'' @ 478'</u> Production Casing: <u>5 1/2'' @ 4854'</u>								
Electronic Surveys: Pioneer Energy Services								

NOTES

On the basis of the positive structural position and after reviewing the electric logs it was recommended by all parties involved in the Pfeifer-Amyx #1 to run 5 1/2" production casing to furher test the St. Louis 'C' zone from 4762-4768.

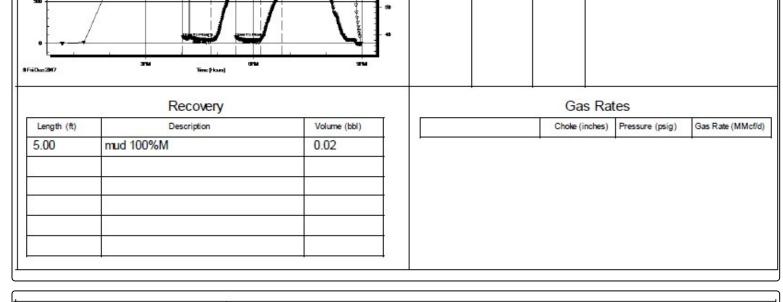
Lebsack Oil Production, Inc.

Respectfully submitted:

Joshua Austin

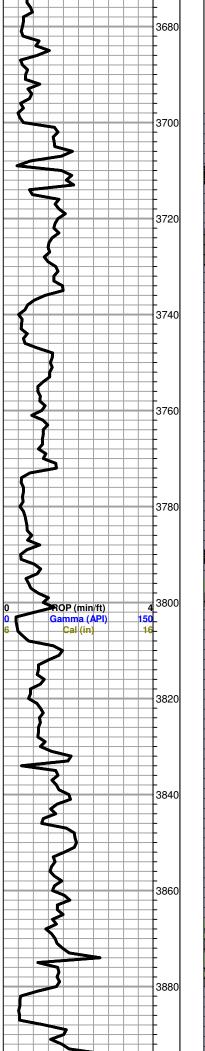
				W	ell	cor	np	ari	so	n s	he	et				
		DRILLING	WELL			COMPARIS	SON WELL			COMPARI	SON WELL			COMPARI	SON WELL	
		Pfeifer	Amyx #1		G	arden Ci	ty #8-12	2		Garden C:	ity #3-1	2		Garden C	ity #1-7	7
	2917	KB			2920	KB	Struct		2919	KB	Struct Relati		2914	I KB	Struct	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Anhydrite	2016	901	· · · · · · · · · · · · · · · · · · ·		2020	900	1	1	2014	905	-4		2018	896	5	
B/ Anhydrite	2034	883			2032	888	-5		2028	891	-8		2032	882	1	
Heebner	3789	-872	3792	-875	3788	-868	-4	-7	3784	-865	-7	-10	3798	-884	12	9
Toronto	3802	-885	3805	-888	3801	-881	-4	-7	3800	-881	-4	-7	3808	-894	9	6
Lansing	3881	-964	3881	-964	3878	-958	-6	-6	3875	-956	-8	-8	3891	-977	13	13
base porosity	4154	-1237	4155	-1238	4154	-1234	-3	-4	4149	-1230	-7	-8	4157	-1243	6	5
Base KC	4312	-1395	4309	-1392	4302	-1382	-13	-10	4299	-1380	-15	-12	4308	-1394	-1	2
Marmaton	4339	-1422	4337	-1420	4328	-1408	-14	-12	4325	-1406	-16	-14	4335	-1421	-1	1
Pawnee	4409	-1492	4414	-1497	4403	-1483	-9	-14	4404	-1485	-7	-12	4411	-1497	5	0
Ft. Scott	4443	-1526	4445	-1528	4440	-1520	-6	-8	4438	-1519	-7	-9	4440	-1526	0	-2
Cherokee Sh.	4454	-1537	4450	-1533	4446	-1526	-11	-7	4444	-1525	-12	-8	4450	-1536	-1	3
Morrow Shale	4635	-1718	4639	-1722	4632	-1712	-6	-10	4630	-1711	-7	-11	4630	-1716	-2	-6
Mississippi	4688	-1771	4691	-1774	4682	-1762	-9	-12	4661	-1742	-29	-32	4676	-1762	-9	-12
St. louis C	4763	-1846	4762	-1845	4764	-1844	-2	-1	4758	-1839	-7	-6	4762	-1848	2	3
RTD	4860	-1943			4860	-1940			4860	-1941			4860	-1946		
LTD	4859	-1942			4869	-1949			4860	-1941			4858	-1944		5x

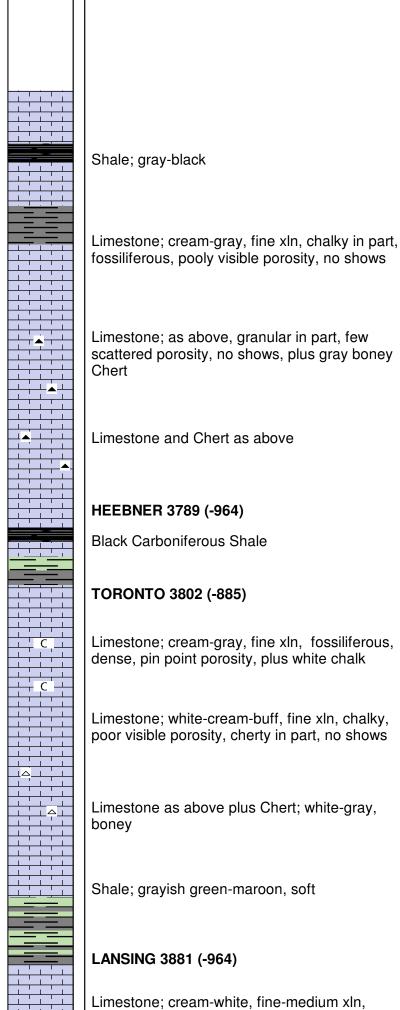
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RILOBITE	DRILL STEM T	ALE PERSONAL ENGLANDES	URI						
	Lebsack oil Production Inc.		7/2	7/22/33 Finney, KS					
ESTING , IN	P.O. Box 354 Chase, KS 6	Pfe	ifer-Am	yx 1					
			Job	Ticket: 64	106	DST#:1			
	ATTN: Josh Austin		Test	t Start: 20)17.12.08 @	12:40:00			
GENERAL INFORMATION:	-								
Formation: Pawnee	2916.00 ft (KB)								
Deviated: No Whipstock		Test Type: Conventional Bottom Ho							
Time Tool Opened: 16:01:40 Time Test Ended: 20:59:00		Test Unit		Chris Hagma 75	in				
	4430.00 ft (KB) (TVD)		Refe			2916.00	ft (KB)		
Total Depth: 4430.00 ft (KB)			Reference Elevations: 2916.00 2904.00						
	ole Condition: Good			KB t	O GR/CF:	12.00	ft		
Serial #: 8289 Inside Press@RunDepth: 43.91 psig Start Date: 2017.12.0 Start Time: 12:40:0 TEST COMMENT: IF: Weak surf	B End Date: 2 End Time:	2017.12.08 20:59:00 no change		b.: Btm: 2	2017.12.08 (2017.12.08 (-	psig		
ISI: No blow b FF: No blow FSI: No blow	ack								
Pressure v	s. Time 579 Ferrensee		PF	RESSUR	RE SUMM	ARY			
2000	\$29 Temperature	Time (Min)	Pressure (psig)	Temp (deg E)	Annotatio	n			
	st-	• *** (Min.) 0	(psig) 2242.78	(deg F) 108.04	Initial Hydro	o-static			
		- 100	73.32	107.38	-				
//	1	- 30 47			Shut-In(1)				
		- * 🚦 89		109.00 108.67	End Shut-In Open To F				
	1	- ************************************		109.55		WW (2)			
		166		110.22		n(2)			
		- •• ^{-•} 168	2129.06	110.82	Final Hydro	o-static			
/									



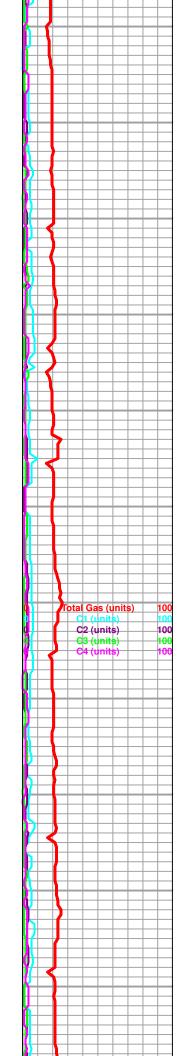
RILOBITE	DRILL STEM TEST REPORT							
	Lebsack oil Production Inc.		7/2	2/33 Finn	ey, KS			
ESTING , INC.	P.O. Box 354 Chase, KS 67524		Pfe	ifer-Amy	x 1			
			Job	Ticket: 6410	07	DST#:2		
	ATTN: Josh Austin		Tes	t Start: 2017	7.12.09 @	11:52:00		
GENERAL INFORMATION:								
Formation: Morrow Sand								
Deviated: No Whipstock:	2916.00 ft (KB)			t Type: Co			e (Initial)	
Time Tool Opened: 14:11:50 Time Test Ended: 18:48:15				ter: Ch No: 75	ris Hagmar	n		
Interval: 4630.00 ft (KB) To 46	80.00 ft (KB) (TVD)			erence Eleva		2916.00	ft (KB)	
Total Depth: 4680.00 ft (KB) (TV	D)					2904.00		
Hole Diameter: 7.88 inchesHole	Condition: Good			KB to	GR/CF:	12.00	ft	
Start Date: 2017.12.09 Start Time: 11:52:02 TEST COMMENT: IF: Weak surface ISI: No blow back FF: No blow FSI: No blow back	k	2017.12.09 18:48:15	Last Calil Time On Time Off	Btm: 20	17.12.09 @	899.12.30 (899.12.30) (14:11:25) (16:47:09) (16:47:09)		
Pressure vs. Tr To Stoffesse			PF	RESSURE	SUMMA	ARY		
200 500 Picsure	STD Proposition	Time (Min.) 0	Pressure (psig) 2350.98 59.56	(deg F) 106.91	Annotation nitial Hydro Open To Fic	-static		
		23	49.08		Shut-In(1)			
, m [/]		77	65.30		and Shut-In			
		77 109	59.61 47.49		Open To Fk Shut-In(2)	ow (2)		
		105	59.95		End Shut-In	(2)		
		156	2329.89		inal Hydro			

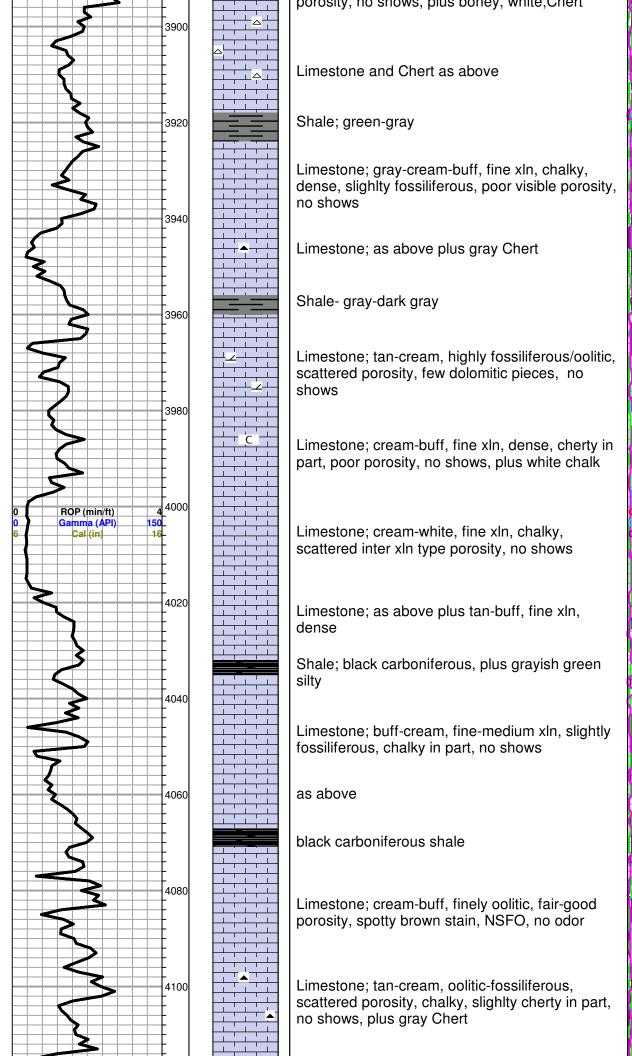
52% 9 % Over 3047	374 Tirre (H	ian)	6 14					
	Recover	ry			· · · · · ·	Gas Rates	S	
Length (ft)	Description	100	Volume (bbl)			Choke (inches) Pr	ressure (psig) Gas Rate (MM	Acf/d)
A CONTRACTOR OF THE OWNER	nud 100%M		0.05				(psg)	
10.00			0.05					
25			<u>.</u>					
			++					
			BOCK	TYPES				
sd [,]	y Imst	shale, grn		Carbon Sh				
	nst fw7>	shale, gry		ŝs				
			1005					
	5000			SSORIES				
IINERAL ► Chert, dark	FOSSIL	lic	TEXTURE C Chalky					
∠ Dolomitic			Containty					
J Glauconite ▹ Chert White								
OT			OTHER	SYMBOLS				
DST Int								
DST alt								
Core tail pipe								
Curve Treat	#1 1				Printed by G	EOstrip VC Striplo	og version 4.0.7.0 (www.g TG, C1 - C5	grsi.o
Curve Track OP (min/ft)	.#1						TG, C1 - C5 Total Gas (units)	_
amma (API)	ន្ត						C1 (units)	
	Intervals							
ıl (in)							C2 (units)	
	Dept DST	Lithology Oil Show					C3 (units)	
		<u> ē</u>		Geological De	scriptions		C4 (units)	
	e cored Interval							
	Inter							
	ST II							
1:240 Imper	ial (3 čí . t) 4 3000	<u>├</u> ───┤┤					1:240 Imperial D Total Gas (units)	
ROP (min/f Gamma (AF Cal (in)	2) 150 16						C1 (units) C2 (units)	
							C2 (units) C3 (units) C4 (units)	
							C4 (units)	
5								
	3620							
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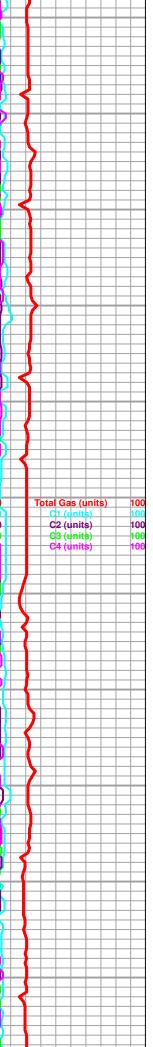


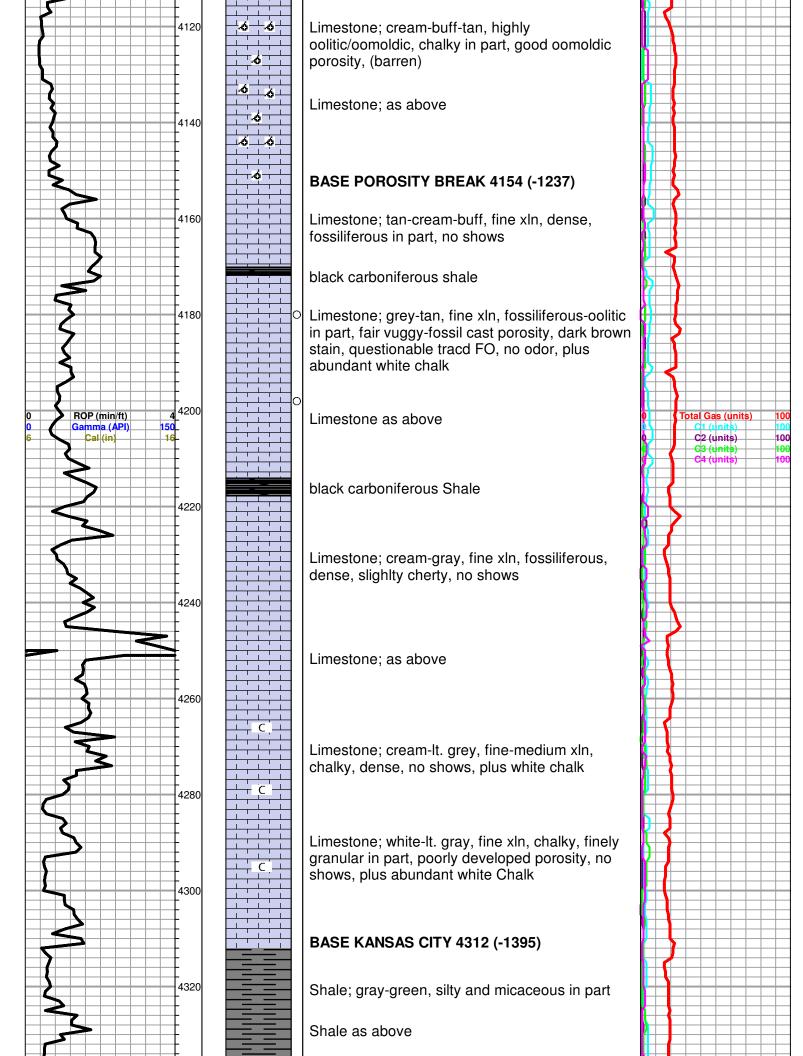


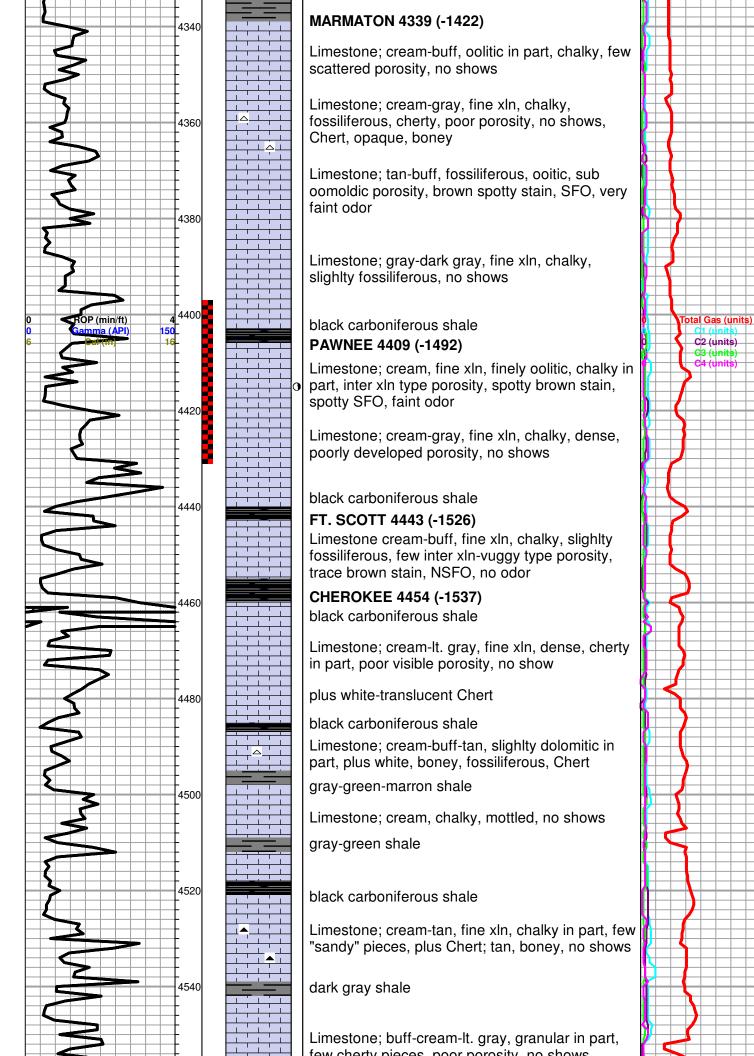
fossiliferous-oolitic in part, dense, poor visible

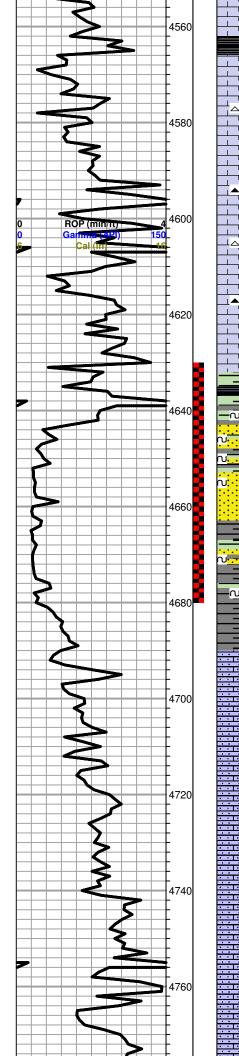












Tiew cherry pieces, poor porosity, no shows

black carboniferous shale

ATOKA 4575

Limestone; cream-tan, fine-medium xln, dense, cherty, plus tan boney, Chert

Limestone; tan, medium xln, few scattered inter xln porosity, dense, cherty in part, plus gray-tan, Chert

Limestone; cream-buff, fine-medium xln, fossiliferous in part, chalky, no shows plus graytan, Chert

Limestone as above questionable trace spotty brown stain, NSFO, questionable odor

black carboniferou shale

MORROW SHALE 4635 (-1718)

Shale; gray-grayish green, soft, micaceous in part, glauconitic

Sand; white-gray, sub rounded, sub angular, glauconitic, no shows

Sand as above, brown-dark brown stain, spotty SFO, faint odor

Shale; gray-green, silty in part, soft, glauconitic

Shale; gray-green, soft, few silty pieces

MISSISSIPPI 4688 (-1771)

Limestone; cream-white, highly oolitic, chalky, sandy in part, few nodules, good clusters, no shows

Limestone; cream-white, chalky, granular/sandy, oolitic, no shows

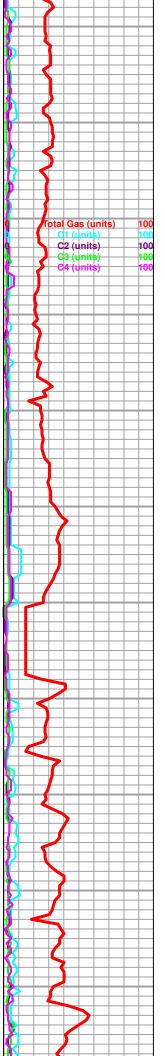
Limestone; as above plus white chalk

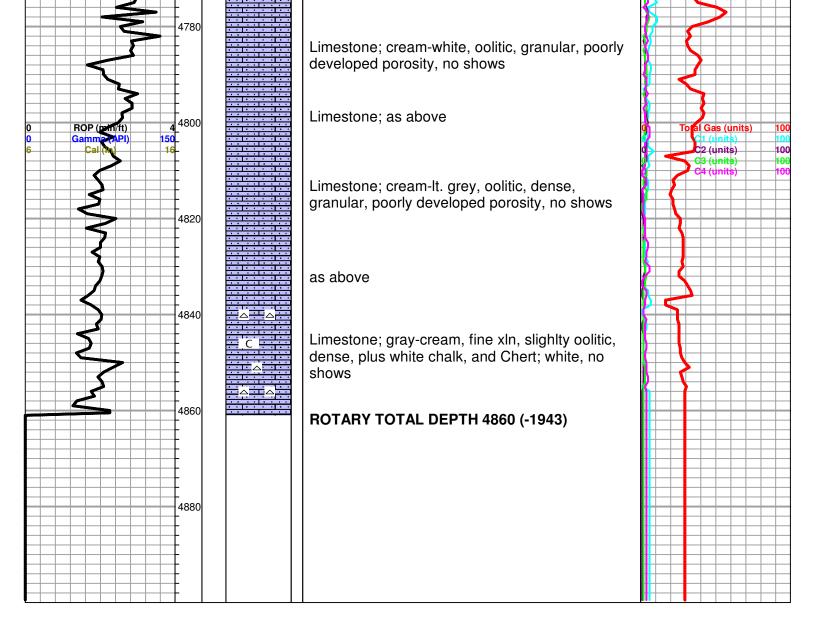
Limestone; cream-white, fine xln, chalky, oolitic in part, poorly developed inter xln porosity, no shows

Limestone; cream-white, oolitic, granular, poorly developed porosity, no shows

ST. LOUIS 'C' 4763 (-1846)

Limestone; white-cream, oolitic, fair oolicastic porosity, trace spotty stain, spotty SFO when sample broke, faint-fair odor







TREATMENT REPORT

Customer	sade	2.	. 21	Lease No.						Date				
Lease	lei A	Ci I		Well # /							21	5)	17	
Field Order	# Statio	Pian	T h	5		Casing	10	Depth		County	1	3/1		State
Type Job	5	1 Jan	. 10			31	For	mation			r ini	Legal De	escription	1ES
PIP	E DATA	PER	FORATIN	G DATA		FLUID U	SED			٦	REAT	MENT	RESUME	
Casing Size	Tubing Si	ze Shots/	Ft		Acid					RATE	PRES	S	ISIP	A
Depth 83.7		From	Тс		Pre F	Pad			Max				5 Min.	
/olume	Volume	From	То		Pad				Min			10 Min.		
/lax Press	Max Pres	From	То	- 5	Frac	v		Avg				15 Min.		
	on Annulus V	From	То						HHP Use	đ			Annulus I	Pressure
lug Depth	Packer De	epth From	То		Flush				Gas Volu	ne			Total Loa	t
Sustomer Rep	presentative			Station	Manag	ger	1	Je A	leino	Treat	ter 5	2-1-1	Gia	1100
Service Units	38950	78987	\$1577	5 1995	51	9915								~ (
Driver James	Soll	Edy		Cole	-	-								
Time	Casing Pressure	Tubing Pressure	Bbls. Pt	imped	R	late					Service	Log		T
8:30	12/4		1			1	2	Loci	lan	5	fel	n	1.di	na Pia
3:45					ŬĹ,		B	car	4 8	1100	ilan	lion	6	1.0
4:00	226			4	4.	5	Pu	mÓ	+12	0.0	Soar	1		le.
4:02	200	ā.	.3	8	4.5	5	sta	11	Cen	rent	1	350	sks /	en 1
01:19	Ø		74	8	Ø	r _ 3	5/1	11	do	wn				
4.20	Q		1		U		Re	lea	1.0 /	Plus	đ			
4.72	150				4:	5 5	SIL	al	Di	solu	(Phs.	Cost		
4.28	250		210		4.	5	10	me	1 0	1100	Jul	d		
1.29	250		-5		3	-	Pre	lu	c k	ale				
4:30	280		1,5		3	7	Pu	d	land	ed.				
1:30	400		۶,		Q	5 5	h	int	dou	un				
						6	Va	sh	UD					
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Taylor Printing, Inc. 620-672-3656

BASIC

Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

PRESSURE PUMPING	Job Log
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Gustomer Lebsack Oil Production Coment Pump No. 38117, 19919 10Hrs. Operator TRK No. 78938 14354, 19578 30464, 37725 Address PO Box 489 Ticket # 1718 15528 L Bulk TRK No.: Santiago Ruben City, State, Zip Hays Ks 67601 Z42 - Cement Production Casing Job Type 1718 - Liberal, Ks. Service District Well Type OIL PFEIFER-AMYX #1 Well Name and No. Well Location 7,22,33 County: Finney State Ks **Type of Cmt** Additives Sacks **Truck Loaded On** 5% W-60, 10% Salt, .6% C-15, 1/4# Defoamer, 5# AA2 150 14354, 19578 Santiago Front Back Gilsonite A-Con' Blend 390 3% Caclium Chloride, 1/4# Polyflake 30464, 37725 Ruben Front Back Premium / Common 50 Neat 14354, 19578 Front Back Lead/Tail: Weight #1 Gal. Cu/Ft/sk Water Requirements CU. FT. Man Hours / Personnel Tail Stage 1: 14.8 1.51 6.64 226.5 TT Man Hours: 63 Tail Stage 2: 11.5 2.86 17.4 1115.4 4 # of Men on Job: Time Volume Pumps Pressure(PSI) **Description of Operation and Materials** (am/pm) (BPM) (BBLS) Т С Tubing Casing 22:00 **ON LOCATION** 22:05 SAFETY MEETING 10:20 PM **RIG UP RUN FLOAT EQUIPMENT & WAIT** 3:00 AM **RIG TO CIRCULATE** 3:45 10.5 slurry PLUG RAT & MOUSE W/ 50SX 3:55 **RIG TO P.T.** 4:04 AM PRESSURE TEST TO 4000PSI 4:05 6.5 40.3 slurry 620 PUMP 150SX @ 14.8# / TAIL STAGE 1 4:13 SHUTDOWN / DROP LATCH DOWN PLUG / W.P. 4:20 7 10 260 **DISPLACE W/ H20** 7 20 260 7 30 260 7 40 260 4:27 7 43.6 260 SWITCH TO MUD 6.3 50 250 7.5 60 300 7.5 70 310 7.4 80 660 7.3 90 990 7.1 100 1170 7 108 1270 SLOW RATE TO 2.0BPM @ 910PSI 2 110 990 Size Hole 7 7/8" Depth 4860' TYPE **Plug Container** Size & Wt. Csg. 5 1/2" 14# Depth 4854' New / Used Stage Tool 3040 Depth Landing Press.#1 450.9psi Depth Retainer Depth anding Press.#2 499.7psi Shoe Jt. 24.10' Perfs CIBP **Basic Representative: Daniel Beck** But hat Customer Signature Basic Signature: al Bers A Date of Service: 12/11/2017

ENERGY SERVICES

Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

PRESSURE PUMPING Jo

Job Log

		the second se	-	-		-	Variable Internet						
Custor	ner: Le	bsack Oil Produ	uction)	Cement Pump	No.t	38117,	38117, 19919 10Hrs.		ator TRK No.:	78	8938	
Addre	088:	PO Box 489			Tick	et #:	1718	B 15528 L		Bulk TRK No.:	14354, 19578 Santiago	30464, 377. Ruben	
City, State,	Zīp:	Hays Ks 6760	1		T doL	ype:		Z42 - (Cement	Production		Indugit	
Service Distr	lct:	1718 - Liberal I	Ks		Well T	ype:				OIL			
Well Name and I	No.: P	FEIFER-AMYX	(#1		Well Local	tions	7,22,	33 60	unty:	Finney	State	K	
Тур	e of Cmt	Sacks			Additive	BS I				Truck Loa	and the second se		
	AA2	150	5%	W-60, 1	0% Salt, .6% C-1 Glisonit		1# Defoamer, 5				Back		
A-C	on' Blend	390		3% C	acilum Chioride,	1/4#	Polyflake	30464, 37725 Ruben Fr		Front	Back		
Total and	n / Common	50			Neat			14354, 19578 F I		Front	Back		
The second s	d/Tail:	Weight #1 Gal.	-	/Ft/sk	Water F	Requi	irements	CU. FT	8	Man H	lours / Persor	inel	
	stage 1:	14.8		.51		6.64	ŀ	226.5	TTN	fan Hours:	63		
	itage 2:	11.5	2	.86		17.4		1115.4	# a1	Men on Job:	4		
Time		Volume	P	umps	Pr	essure	e(PSI)		Descrip	llon of Opera	ition and Material	S	
(am/pm)	(BPM)	(BBLS)	Т	C	Tubing		Casing		_				
4:44	2	118.4					1000	LAND PLUG / PRESSURE UP TO 2010PS					
4:46											- FLOAT HEL		
4:51 AM											NG TOOL		
5:05 AM					n 			PUMP OPENING TOOL 1150PSI					
5:08 AM						_			RI	G TO CIR	CULATE		
5:38								1		RIG TO	P.T.		
5:44	5.9	198.6 slurry	1				300	PUN	/P 390S	X @ 11.5	# / TAIL STAC	E 2	
0.40.444	7.4	188					500	1	88BBLS	IN CEME	NT RETURN	3	
6:16 AM								SHUTE	OWN /	DROP CL	OSING TOOL	./W.P	
6:20	7.5	10					490			DISPLA	CE		
	7.4	20					570						
_	7.5	30					630						
	7.5	40					700						
	7.4	50					770						
	7.4	60					850						
	7.4	70					890	S	LOW RA	ATE TO 2.	0BPM @ 730		
6:31	2	74.1	_	_			770	LAND	PLUG / I	PRESSUR	E UP TO 207	OPSI	
								RE	LEASE	ВАСК —	FLOAT HELD		
				-		-			JC	DB COMP	LETE		
Size Hole	7 7/8"	Depth		18	60'				1	-			
ze & Wt. Csg.	5 1/2" 14#	Depth	4854		New / Used	-		TYPE	2040		Container		
ding Press.#1	450.9psi	Depth	-700		NEW / USED	-		Stage Tool	3040'		pth		
ding Press.#2	499.7psi		24.1	0'		-		Retainer Perfs			pth		
						Basi	ic Represen				BP		
stomer Sigr	nature: 🗸 /					_	ic Represen		A		niel Beck		
3.							of Service:		ala	neel.	Beck		

	DRILL STEM TES	ORT						
RILOBITE	Lebsack oil Production Inc.		7/22/33	Finney,	KS			
ESTING , INC	P.O. Box 354 Chase, KS 67524		Pfeifer-	Amyx 1				
			Job Ticke	: 64106	DST	#:1		
	ATTN: Josh Austin		Test Start	: 2017.12	2.08 @ 12:40:00	0		
GENERAL INFORMATION:								
Formation: Pawnee Deviated: No Whipstock: Time Tool Openee: 16:01:40 Time Test Endee: 20:59:00	2916.00 ft (KB)		Test Type Tester: Unit No:		entional Bottom Hagman	Hole (Initial)		
Interval: 4397.00 ft (KB) To 4 Total Depth: 4430.00 ft (KB) (1 (1 Hole Diameter: 7.88 inches Ho (1			Referenc	e Elevatior KB to GR/	2904.	00 ft (KB) 00 ft (CF) 00 ft		
Serial #: 8289InsidePress@RunDepth:43.91 psigStart Date:2017.12.08Start Time:12:40:02TEST COMMENT:IF: Weak surfaceIS: No blow baseFF: No blowFSI: No blow baseStart: No blow base	End Date: End Time: ce blow , died 5 sec. Flushed, no cha ck	2017.12.08 20:59:00 ange	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000. 1899.12. 12.08 @ 16:01: 12.08 @ 18:48:	15		
Pressure vs.			PRESS		UMMARY			
200 200 200 200 200 200 200 200		Time (Min.) 0 1 47 89 89 130 166 168	Pressure Ter (psig) (deg 2242.78 108 73.32 107 43.74 108 659.50 109 73.73 108 43.91 109 602.70 110	An F) An An An An An An An An An An	I Hydro-static n To Flow (1) -In(1) Shut-In(1) n To Flow (2) :-In(2) Shut-In(2) I Hydro-static			
Recovery				Gas Rat	tes			
Length (ft) Description 5.00 mud 100%M	Volume (bbl) 0.02		CI	ooke (inches)	Pressure (psig)	Gas Rate (MMcf/d)		

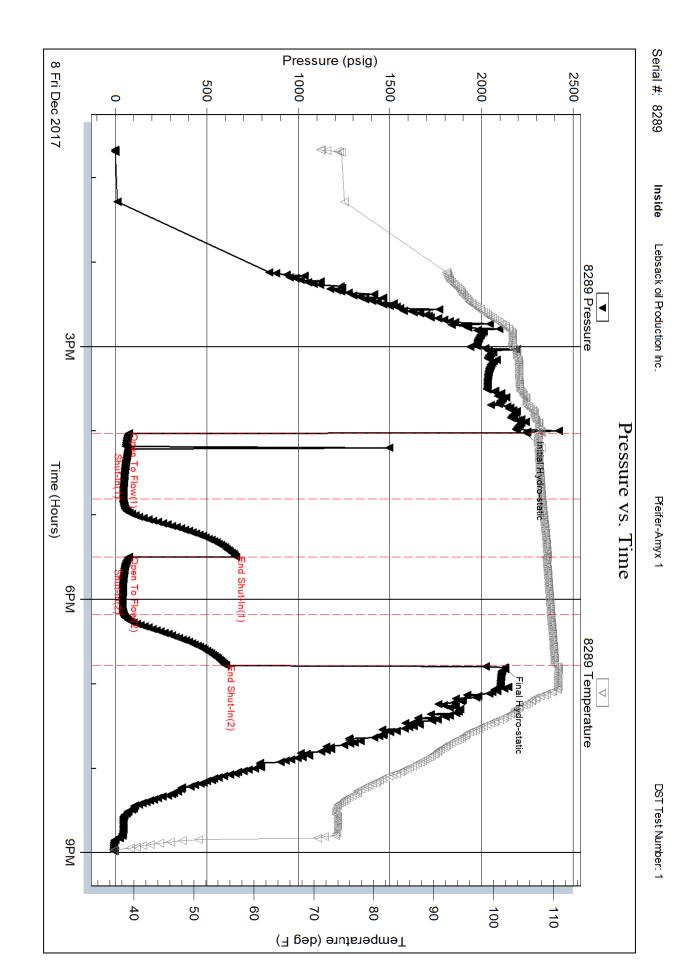
	DRILL STEM TES	ST REP	ORT		
RILOBITE	Lebsack oil Production Inc.		7/22/33 Fi	inney, KS	
ESTING , INC.	P.O. Box 354 Chase, KS 67524		Pfeifer-A	myx 1	
			Job Ticket:	64106	DST#: 1
	ATTN: Josh Austin		Test Start:	2017.12.08 @	12:40:00
GENERAL INFORMATION:					
Formation:PawneeDeviated:NoWhipstock:Time Tool Opened:16:01:40Time Test Ended:20:59:00	2916.00 ft (KB)		Test Type: Tester: Unit No:	Convention Chris Hagm 75	al Bottom Hole (Initial) an
Interval: 4397.00 ft (KB) To 44 Total Depth: 4430.00 ft (KB) (TN 44 Hole Diameter: 7.88 inches Hole			Reference I	∃evations: 3 to GR/CF:	2916.00 ft (KB) 2904.00 ft (CF) 12.00 ft
Serial #: 6672OutsidePress@RunDepth:psigStart Date:2017.12.08Start Time:12:40:02	@ 4402.00 ft (KB) End Date: End Time:	2017.12.08 20:58:50	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 1899.12.30
TEST COMMENT: IF: Weak surface ISI: No blow bac FF: No blow FSI: No blow bac Pressure vs. T	k ck ime		PRESSI		IARY
6672 Pessure	6672 Temperature	Time	Pressure Temp		
SFIDE 2017		(Min.)	(psig) (deg F		
Recovery			G	as Rates	
Length (ft) Description	Volume (bbl)		Choke	e (inches) Press	ure (psig) Gas Rate (MMcf/d)
5.00 mud 100%M	0.02				
	1 1				

	DRI	LL STEM TEST REF	PORT	-			JMMARY
RILOBITE	Lebsad	ck oil Production Inc.		7/22/33 Fi	nney, KS		
ESTING , INC	P.O. Bo	ox 354 Chase, KS 67524		Pfeifer-An	nvx 1		
				Job Ticket: 6	•	DST#: 1	
	ATTN:	Josh Austin		Test Start: 2	017.12.08 @ 1	2:40:00	
Mud and Cushion Information							
Mud Type: Gel Chem		Cushion Type:			Oil API:		deg API
Mud Weight: 9.00 lb/gal		Cushion Length:		ft	Water Salinity	:	ppm
Viscosity: 62.00 sec/qt Water Loss: 7.20 in ³		Cushion Volume: Gas Cushion Type:		bbl			
Resistivity: ohm.m		Gas Cushion Pressure:		psig			
Salinity: 2300.00 ppm				1 0			
Filter Cake: inches							
Recovery Information		Recovery Table					
Leng	gth	Description		Volume	1		
ft	5.00	mud 100%M		bbl 0.025			
Total Length:		•	.025 bbl	0.020	4		
Num Fluid Sam Laboratory Na Recovery Com	me:	Num Gas Bombs: 0 Laboratory Location:		Serial #	:		

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Ref. No: 64106

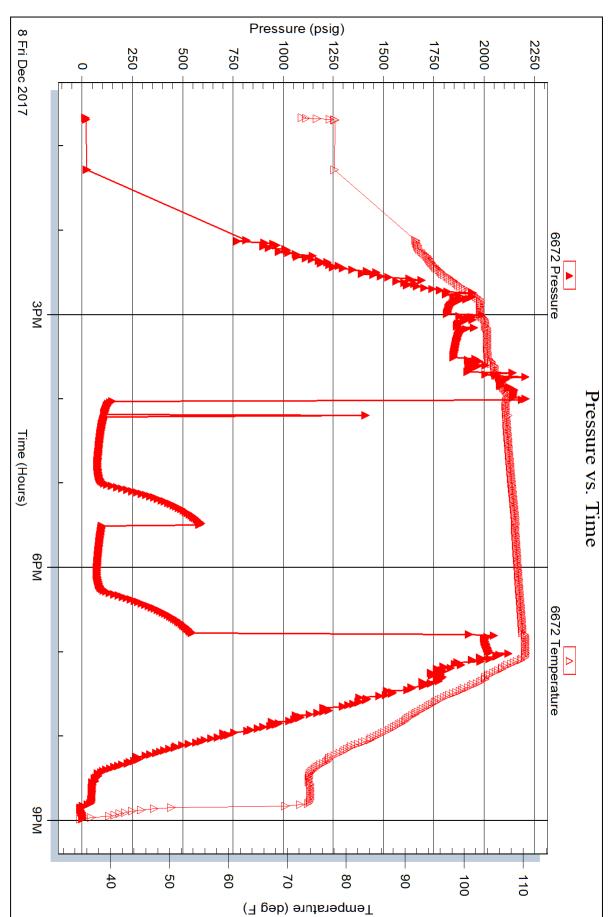
Trilobite Testing, Inc



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Ref. No: 64106

Trilobite Testing, Inc



Outside Lebsack oil Production Inc.

Serial #: 6672

Pfeifer-Amyx 1

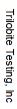
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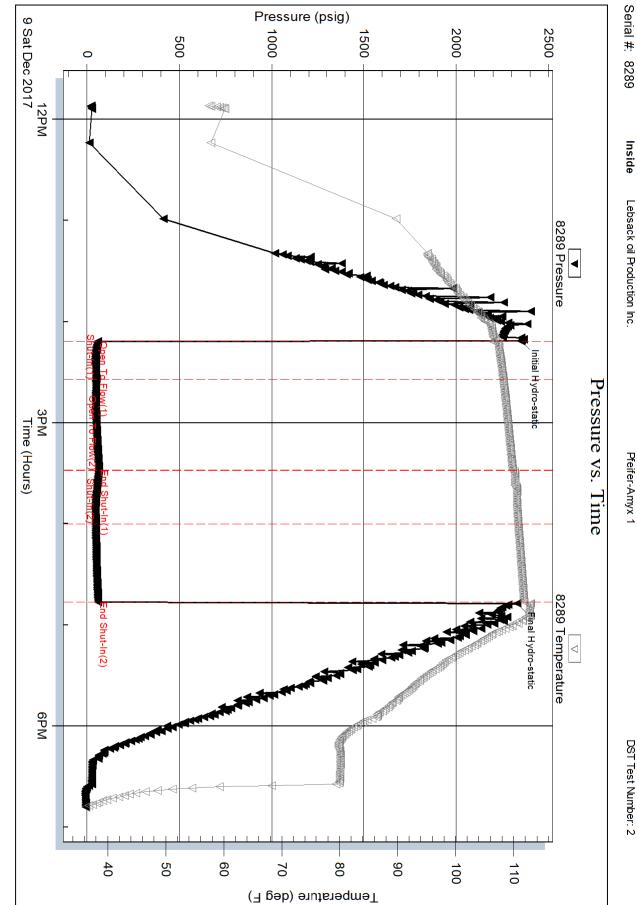
	DRILL STEM TES	TREP	ORT			
RILOBITE	Lebsack oil Production Inc.		7/22/33	Finney,	KS	
ESTING , INC	P.O. Box 354 Chase, KS 67524		Pfeifer-	Amyx 1		
			Job Ticke	: 64107	DST	#:2
	ATTN: Josh Austin		Test Start	: 2017.12	2.09 @ 11:52:00)
GENERAL INFORMATION:	•					
Formation:Morrow SandDeviated:NoWhipstock:Time Tool Opened:14:11:50Time Test Ended:18:48:15	2916.00 ft (KB)		Test Type Tester: Unit No:		entional Bottom Hagman	Hole (Initial)
Interval:4630.00 ft (KB) To4Total Depth:4680.00 ft (KB) (THole Diameter:7.88 inches Ho			Referenc	e Elevation KB to GR/	2904.	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8289InsidePress@RunDepth:47.49 psigStart Date:2017.12.09Start Time:11:52:02TEST COMMENT:IF: Weak surface	End Date: End Time:	2017.12.09 18:48:15	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000. 1899.12. 12.09 @ 14:11: 12.09 @ 16:47:	25
ISI: No blow ba FF: No blow FSI: No blow ba Pressure vs.	ck ack Time	1	PRESS		UMMARY	
200 500 500 500 500 500 500 500	ET Interpretate	Time (Min.) 0 1 23 77 77 109 155 155 156	Pressure Ter (psig) (deg 2350.98 106 59.56 106 49.08 108 65.30 109 59.61 109 47.49 110 59.95 111	An 1 F) 3.91 Initia 3.38 Ope 3.21 Shut 3.81 End 3.82 Ope 3.78 Shut 3.78 End	notation I Hydro-static n To Flow (1) i-In(1) Shut-In(1) n To Flow (2)	
Recovery				Gas Ra	tes	
Length (ft) Description 10.00 mud 100%M	Volume (bbl) 0.05		CI	oke (inches)	Pressure (psig)	Gas Rate (MMcf/d)

	DRILL STEM TES	TREP	ORT		
RILOBITE	Lebsack oil Production Inc.		7/22/33 F	inney, KS	
ESTING , INC.	P.O. Box 354 Chase, KS 67524		Pfeifer-A	myx 1	
			Job Ticket:	64107	DST#:2
	ATTN: Josh Austin		Test Start:	2017.12.09 @	2 11:52:00
GENERAL INFORMATION:					
Formation:Morrow SandDeviated:NoWhipstock:Time Tool Opened:14:11:50Time Test Ended:18:48:15	2916.00 ft (KB)		Test Type: Tester: Unit No:	Convention Chris Hagm 75	al Bottom Hole (Initial) an
Interval: 4630.00 ft (KB) To 46 Total Depth: 4680.00 ft (KB) (TN 4680.00 ft (KB) (TN Hole Diameter: 7.88 inches Hole			Reference I	⊟evations: B to GR/CF:	2916.00 ft (KB) 2904.00 ft (CF) 12.00 ft
Serial #: 6672OutsidePress@RunDepth:psigStart Date:2017.12.09Start Time:11:52:02		2017.12.09 18:48:20	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 1899.12.30
ISI: No blow bac FF: No blow FSI: No blow ba Pressure vs. T	ck ime		PRESSU	JRE SUMM	IARY
Of 2 Pressure Of 2 Pressure 000 000 000 000 000 000 000 0	BZZ Temporate 000 000 000 000 000 000 000 0	Time (Min.)	Pressure Temp (psig) (deg F	Annotati	
Recovery			G	as Rates	
Length (ft) Description 10.00 mud 100%M	Volume (bbl) 0.05		Chok	e (inches) Press	ure (psig) Gas Rate (MMcf/d)

Printed: 2017.12.09 @ 22:35:24

Ref. No: 64107



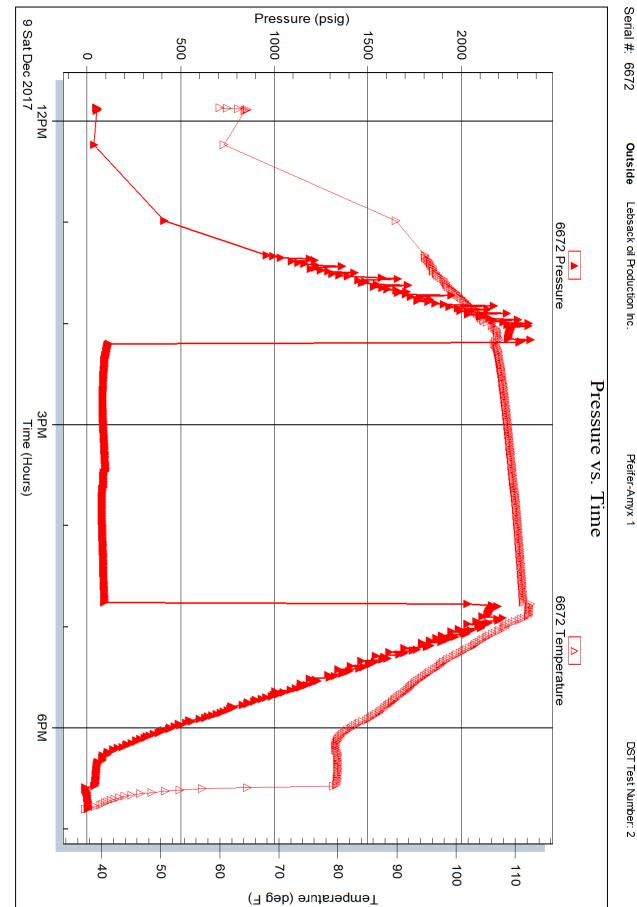


Pfeifer-Amyx 1

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Outside Lebsack oil Production Inc.

Pfeifer-Amyx 1

DST Test Number: 2