

ALT ☐ I ☐ II ☐ III Approved by: _____ Date: _____

Form	ACO1 - Well Completion
Operator	Lebsack Oil Production Inc.
Well Name	BIEBERLE 1-33
Doc ID	1316479

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.250	8.625	23	265	60/40 Poz	250	2% gel 3% CC



Joshua R. Austin

Petroleum Geologist

report for



Lebsack Oil Production, Inc.

COMPANY: LEBSACK OIL PRODUCTION INC.

LEASE: Bieberle #1-33

FIELD: GROVE

SURFACE LOCATION: 330' FSL & 330' FEL (Se-Se-Se)

SEC: 33 TWSP: 20s RGE: 10w

COUNTY: RICE STATE: KANSAS

KB: 1730' GL: 1719'

API # 15-159-22834-0000

CONTRACTOR: STERLING DRILLING COMPANY (Rig #4)

Spud: 08/29/2016

Comp: 09/03/2016

RTD: 3095'

LTD: No electric log ran

Mud Up: 2701'

Type Mud: Chemical was displaced

Samples Saved From: 2700' to RTD

Geological Supervision From: 2810' to RTD

Geologist on Well: Josh Austin

Surface Casing: 8 5/8" @ 265'

Production Casing: Dry and Abandoned

NOTES

On the basis of the structural position and negative drill stem test it was recommended by all parties involved with the Bieberle #1-33 to plug and abandoned at the rotary total depth 3095' (-1395). No electric logs were ran.

Lebsack Oil Production Inc.
well comparison sheet

DRILLING WELL

COMPARISON WELL

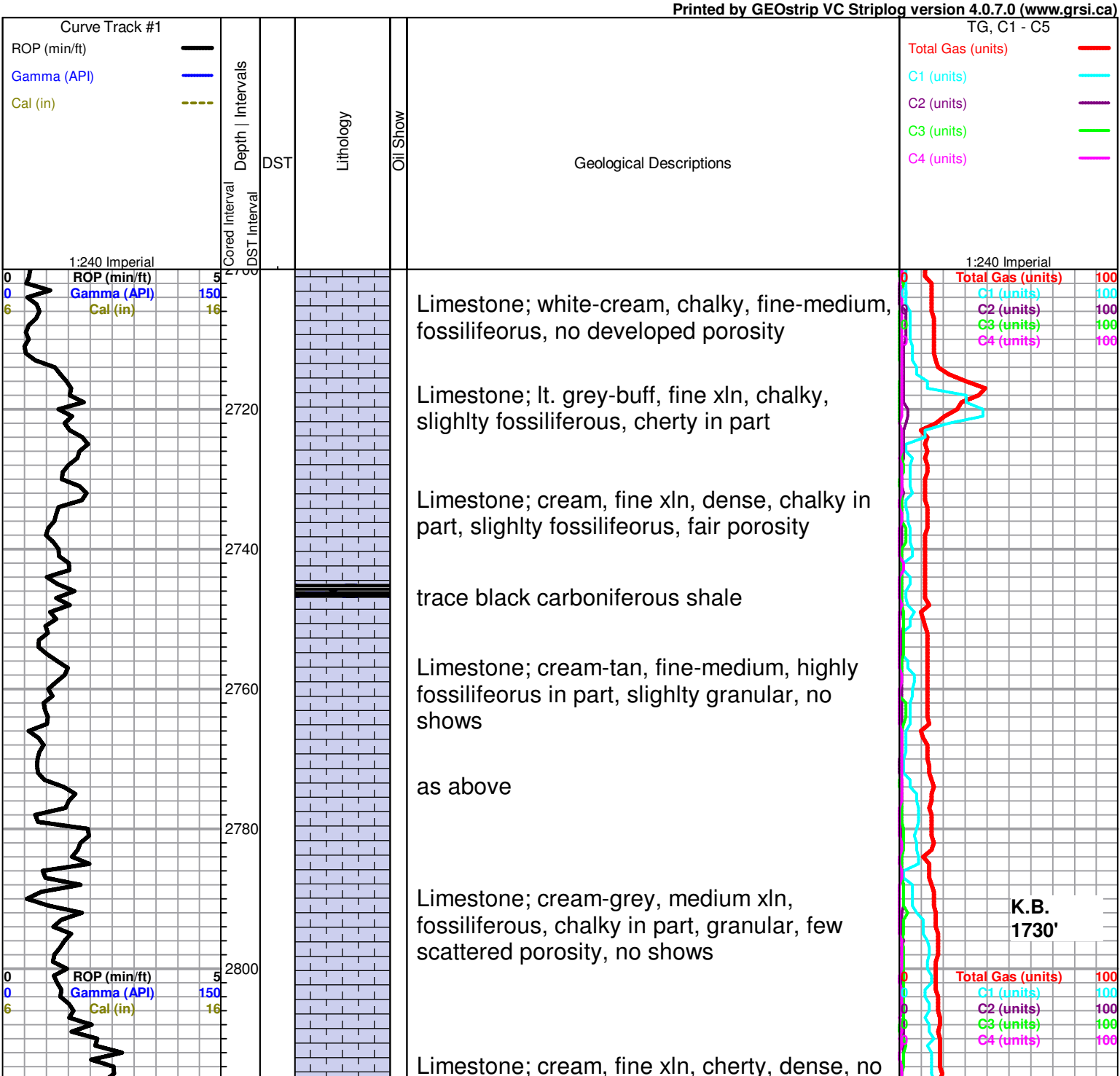
COMPARISON WELL

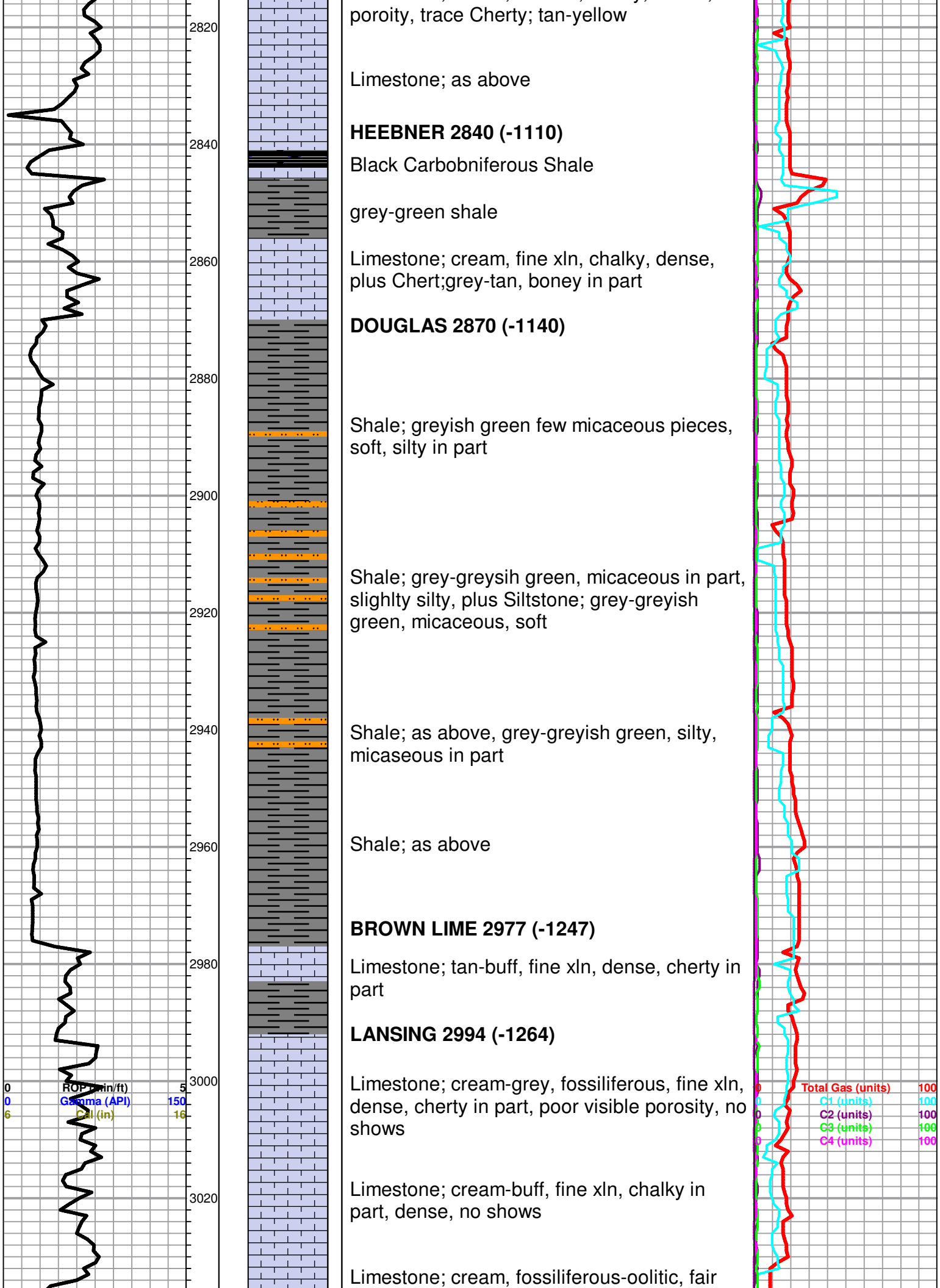
Beiberle 1-33					Bensch 4				Gibson 1			
					33-20s-10w				4-21s-10w			
1730 KB					1729 KB				1723 KB			
					Structural Relationship				Structural Relationship			
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Heebner	2840	-1110	N/A	N/A	2832	-1103	-7	N/A	2844	-1121	11	N/A
Douglas	2870	-1140	N/A	N/A	2861	-1132	-8	N/A				
Brown Lime	2977	-1247	N/A	N/A	2969	-1240	-7	N/A	2980	-1257	10	N/A
Lansing	2994	-1264	N/A	N/A	2987	-1258	-6	N/A	3008	-1285	21	N/A
"F" Zone	3080	-1350	N/A	N/A	3070	-1341	-9	N/A	3091	-1368	18	
Total Depth	3095	-1365	N/A	N/A	3216	-1487			3368	-1645		

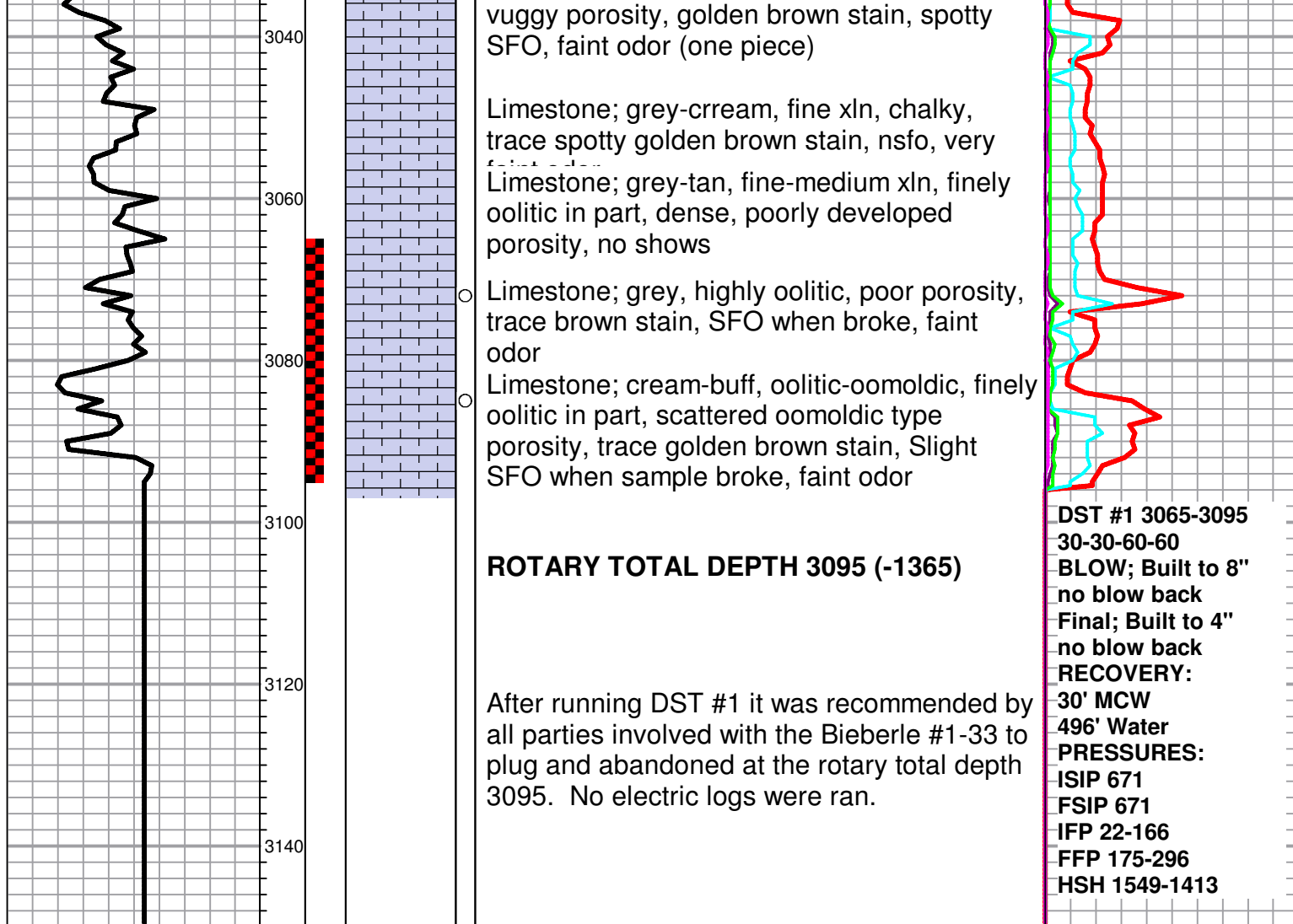
496.00	water	4.99
30.00	MCW 10%M 90%W	0.42

ROCK TYPES			
	Lmst fw7>		shale, gry
	Carbon Sh		Sltst

OTHER SYMBOLS	
	DST Int
	DST alt
	Core
	tail pipe







BASIC

energy services, L.P.

TREATMENT REPORT

Customer <u>Lebach Oil Products</u>		Lease No.		Date <u>9/2/16</u>	
Lease <u>Birbeck</u>		Well # <u>1-35</u>			
Field Order # <u>14127</u>	Station <u>Pratt KS</u>	Casing <u>4 1/2 D.P.</u>	Depth	County <u>Rice</u>	State <u>KS</u>
Type Job <u>Plug to Sparader</u>	Formation			Legal Description <u>33 20 10</u>	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size <u>4 1/2 D.P.</u>	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth <u>1250'</u>	Depth	From	To	Pre Pad	Max		5 Min.
Volume <u>17.7</u>	Volume	From	To	Pad	Min		10 Min.
Max Press <u>500</u>	Max Press	From	To	Frac	Avg		15 Min.
Well Connection <u>4 1/2 D.P.</u>	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative <u>Lanny</u>	Station Manager <u>Kevin Gordley</u>	Treater <u>Scott Grooms</u>
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Service Units	<u>38450</u>	<u>76982</u>	<u>86779</u>	<u>19889</u>	<u>9918</u>						
Driver Names	<u>Scott</u>	<u>Teal</u>	<u>-</u>	<u>Rene</u>	<u>-</u>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:30					On Location Safety Meeting Ripped
9:55					1250' Load hole with Rig
10:00	200			95	Pump H ₂ O Spacer
10:02	150		10	5	Mix 35SKS 60/40 POZ
10:05	100		8.9	5	Start Displacement
10:10	0		15.5	0	Shut down
10:27					850' Load hole with Rig
10:30	150			5	Pump H ₂ O spacer
10:31	150		5	5	Mix 35SKS 60/40 POZ
10:34	75		8.9	5	Start displacement
10:36	0		9.25	0	Shut down
10:53					315' Load hole with Rig
10:56	100			4.5	Pump H ₂ O spacer
10:57	100		3	5	Mix 35SKS 60/40 POZ
10:59	80		8.9	4.5	Start displacement
11:00	0		2.25	0	Shut down
					60'
11:22	30			3	Mix 25SKS 60/40 POZ
11:25	0		6.5	0	Shut down Cement Circulated
11:40	0		7.6	3	Plug Rat hole 30SKS 60/40
11:45	0		5	3	Plug Mouse hole 20SKS 60/40
					Job Complete

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lebsack Oil Production

33-20S-10W Rice

PO Box 354
Chase, KS 67524

Bieberle 1-33

Job Ticket: 55413

DST#: 1

ATTN: Josh Austin

Test Start: 2016.09.02 @ 08:45:15

GENERAL INFORMATION:

Formation: **Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:07:00

Time Test Ended: 14:40:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

Interval: 3065.00 ft (KB) To 3095.00 ft (KB) (TVD)

Total Depth: 3095.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1730.00 ft (KB)

1719.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8525 Inside

Press@RunDepth: 295.66 psig @ 3066.00 ft (KB)

Start Date: 2016.09.02

End Date:

2016.09.02

Start Time: 08:45:16

End Time:

14:40:15

Capacity: 8000.00 psig

Last Calib.: 2016.09.02

Time On Btm: 2016.09.02 @ 10:05:30

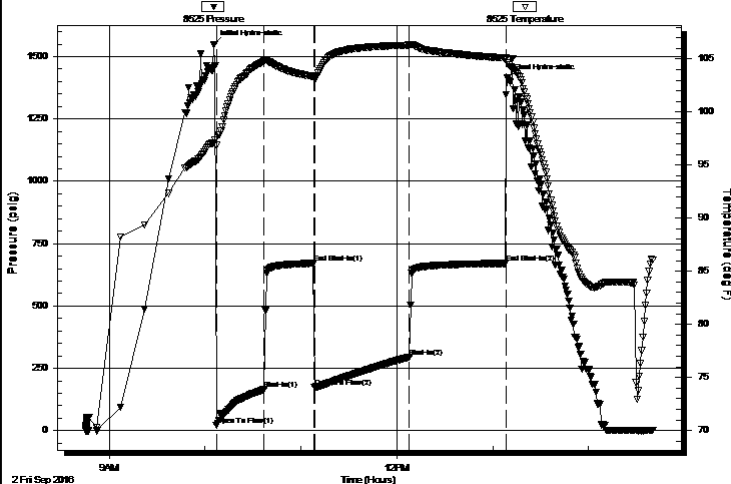
Time Off Btm: 2016.09.02 @ 13:09:15

TEST COMMENT: IF: Fair Blow , Built to 8 inches
IS: No Blow Back
FF: Weak Blow , Built to 4 inches
FS: No Blow Back

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1548.90	97.13	Initial Hydro-static
2	21.84	96.87	Open To Flow (1)
32	166.34	104.79	Shut-In(1)
63	671.42	103.35	End Shut-In(1)
63	174.84	103.17	Open To Flow (2)
123	295.66	106.30	Shut-In(2)
183	671.16	105.07	End Shut-In(2)
184	1413.30	104.61	Final Hydro-static

Pressure vs. Time



Recovery

Length (ft)	Description	Volume (bbl)
496.00	Water	4.99
30.00	MCW 10%M 90%W	0.42

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lebsack Oil Production

33-20S-10W Rice

PO Box 354
Chase, KS 67524

Bieberle 1-33

Job Ticket: 55413

DST#: 1

ATTN: Josh Austin

Test Start: 2016.09.02 @ 08:45:15

GENERAL INFORMATION:

Formation: **Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:07:00

Time Test Ended: 14:40:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

Interval: **3065.00 ft (KB) To 3095.00 ft (KB) (TVD)**

Total Depth: 3095.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1730.00 ft (KB)

1719.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6806 Outside

Press@RunDepth: psig @ 3066.00 ft (KB)

Start Date: 2016.09.02

End Date:

2016.09.02

Start Time: 08:45:16

End Time:

14:40:15

Capacity: 8000.00 psig

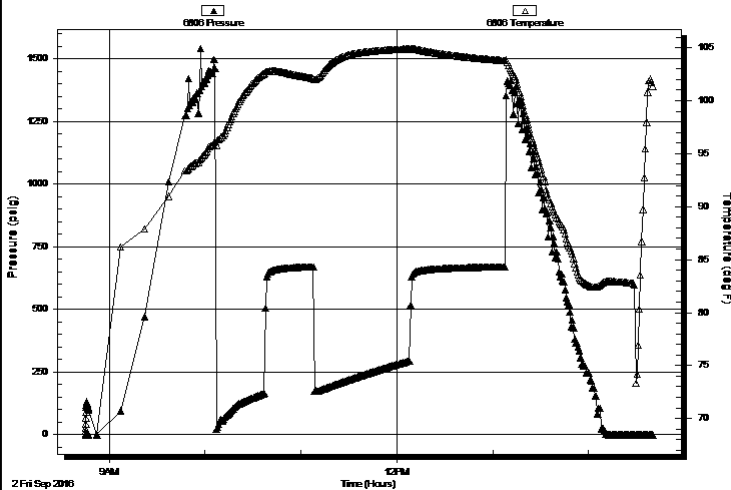
Last Calib.: 2016.09.02

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Fair Blow , Built to 8 inches
IS: No Blow Back
FF: Weak Blow , Built to 4 inches
FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
496.00	Water	4.99
30.00	MCW 10%M 90%W	0.42

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Lebsack Oil Production

33-20S-10W Rice

PO Box 354
Chase, KS 67524

Bieberle 1-33

Job Ticket: 55413

DST#: 1

ATTN: Josh Austin

Test Start: 2016.09.02 @ 08:45:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 2300.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity: 77000 ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
496.00	Water	4.990
30.00	MCW 10%M 90%W	0.421

Total Length: 526.00 ft Total Volume: 5.411 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW was .1 @ 72 degrees

Serial #: 8525

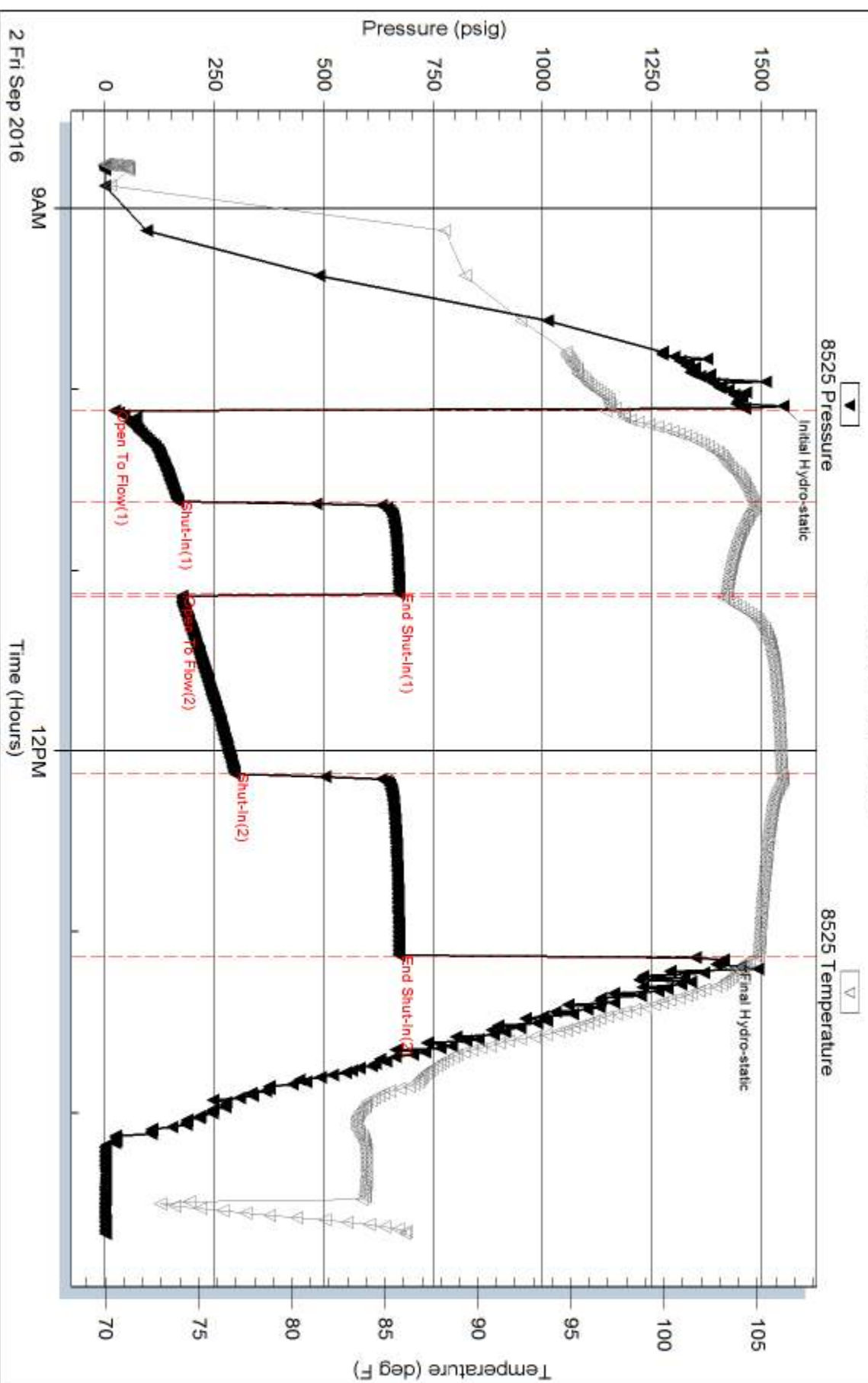
Inside

Lebsack Oil Production

Bieberle 1-33

DST Test Number: 1

Pressure vs. Time

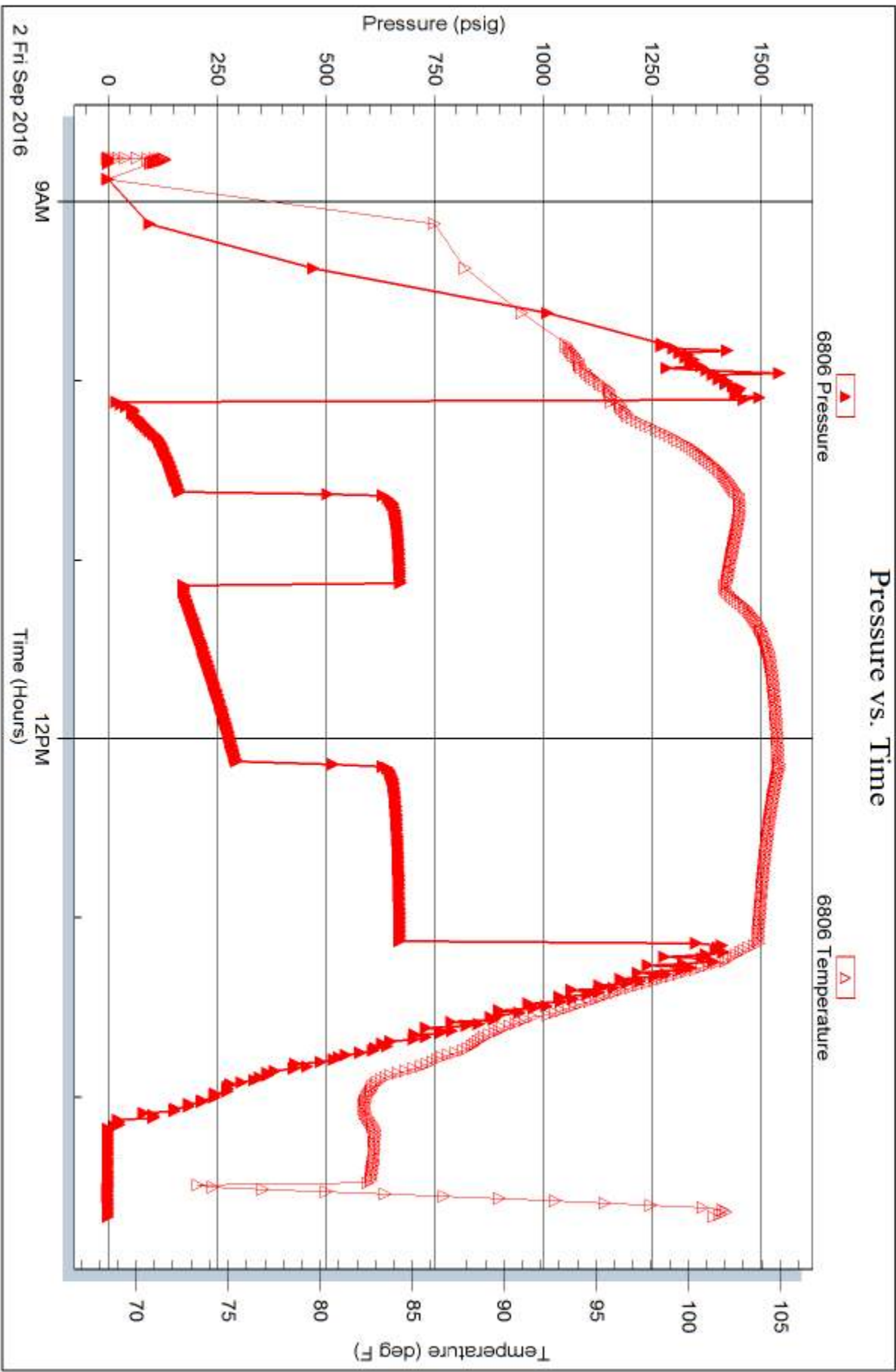


Serial #: 6806

Outside Lebsack Oil Production

Bieberle 1-33

DST Test Number: 1



Customer <i>Lebak Oil Production</i>	License No. <i>1-53</i>	Date <i>7/20/86</i>
Location <i>Viaducte</i>	Well # <i>1-53</i>	County <i>Rocky</i>
Field <i>1-53</i>	Station <i>45</i>	Depth <i>2025</i>
Well ID <i>1-53</i>	Surface Pipe <i>5000</i>	Logal Description <i>20 20 10</i>

PIPE DATA		PERFORMING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Exhaust	Adm	Pro Pad	MAX	RATE	PRESS
Depth <i>2025</i>		From	To	Pro Pad	MAX		ISIF
Volume <i>1.000</i>		From	To	Pro	MAX		5 Min.
Water Volume <i>1.000</i>		From	To	Pro	MAX		10 Min.
Water Volume <i>1.000</i>		From	To	Pro	MAX		15 Min.
Water Volume <i>1.000</i>		From	To	Pro	MAX		Average Pressure
Water Volume <i>1.000</i>		From	To	Pro	MAX		Total Load

Equipment Specifications		Station Information		Fluid Used		Treatment Summary	
Time	Depth	Volume	Pressure	Rate	Pressure	Volume	Pressure
5:00	2025	1.000	1500	1500	1500	1500	1500
5:05	2025	1.000	1500	1500	1500	1500	1500
5:10	2025	1.000	1500	1500	1500	1500	1500
5:15	2025	1.000	1500	1500	1500	1500	1500
5:20	2025	1.000	1500	1500	1500	1500	1500
5:25	2025	1.000	1500	1500	1500	1500	1500
5:30	2025	1.000	1500	1500	1500	1500	1500
5:35	2025	1.000	1500	1500	1500	1500	1500
5:40	2025	1.000	1500	1500	1500	1500	1500
5:45	2025	1.000	1500	1500	1500	1500	1500
5:50	2025	1.000	1500	1500	1500	1500	1500
5:55	2025	1.000	1500	1500	1500	1500	1500
6:00	2025	1.000	1500	1500	1500	1500	1500
6:05	2025	1.000	1500	1500	1500	1500	1500
6:10	2025	1.000	1500	1500	1500	1500	1500
6:15	2025	1.000	1500	1500	1500	1500	1500
6:20	2025	1.000	1500	1500	1500	1500	1500
6:25	2025	1.000	1500	1500	1500	1500	1500
6:30	2025	1.000	1500	1500	1500	1500	1500
6:35	2025	1.000	1500	1500	1500	1500	1500
6:40	2025	1.000	1500	1500	1500	1500	1500
6:45	2025	1.000	1500	1500	1500	1500	1500
6:50	2025	1.000	1500	1500	1500	1500	1500
6:55	2025	1.000	1500	1500	1500	1500	1500
7:00	2025	1.000	1500	1500	1500	1500	1500