

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

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: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
---	---	------------------------------------

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	Lebsack Oil Production Inc.
Well Name	GARDEN CITY 1-7
Doc ID	1320729

Tops

Name	Top	Datum
Heebner	3798	-884
Toronto	3808	-894
Lansing	3891	-977
Base KC	4308	-1394
Marmaton	4335	-1421
Pawnee	4411	-1497
Ft. Scott	4440	-1526
Mississippi	4678	-1764
RTD	4860	-1946

Form	ACO1 - Well Completion
Operator	Lebsack Oil Production Inc.
Well Name	GARDEN CITY 1-7
Doc ID	1320729

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	4762-68	4000 gal15% acid	



Joshua R. Austin

Petroleum Geologist

report for

Lebsack Oil Production, Inc.



COMPANY: Lebsack Oil Production, Inc.

LEASE: Garden City #1-7

FIELD: West Damme Ext.

LOCATION: 2,200' FNL & 660' FWL (N/2-S2-SW-NW)

SEC: 7 TWSP: 22s RGE: 33w

COUNTY: Finney STATE: Kansas

KB: 2914' GL: 2903'

API # 15-055-22441-00-00

CONTRACTOR: Sterling Drilling Company (rig #5)

Spud: 10/20/2016 Comp: 10/27/2016

RTD: 4860 LTD: 4858

Mud Up: 3400' Type Mud: Chemical was displaced

Samples Saved From: 3700' to RTD.

Drilling Time Kept From: 3700' to RTD.

Samples Examined From: 3700' to RTD.

Geological Supervision From: 3850' to RTD.

Geologist on Well: Josh Austin

Surface Casing: 8 5/8" @ 434'

Production Casing: 5 1/2" @ 4848'

Electronic Surveys: Pioneer Energy Services

NOTES

On the basis of the positive structural position, drill stem test and after reviewing the electric logs it was recommended by all parties involved in the Garden City 1-7 to run 5 1/2" production casing to further test the Mississippian.

Respectfully submitted

Lebsack Oil Production, Inc.
well comparison sheet

Well Completion Report

Formation	DRILLING WELL Garden City #1-7				COMPARISON WELL Garden City #8-12				COMPARISON WELL Garden City #5-12			
	2914 KB				2920 KB		Structural Relationship		2917 KB		Structural Relationship	
	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Heebner	3792	-878	3798	-884	3788	-868	-10	-16	3794	-877	-1	-7
Toronto	3806	-892	3808	-894	3801	-881	-11	-13	3810	-893	1	-1
Lansing	3887	-973	3891	-977	3878	-958	-15	-19	3888	-971	-2	-6
Base KC	4309	-1395	4308	-1394	4302	-1382	-13	-12	4308	-1391	-4	-3
Marmaton	4331	-1417	4335	-1421	4328	-1408	-9	-13	4335	-1418	1	-3
Pawnee	4407	-1493	4411	-1497	4403	-1483	-10	-14	4416	-1499	6	2
Ft. Scott	4442	-1528	4440	-1526	4440	-1520	-8	-6	4441	-1524	-4	-2
Cherokee Sh.	4454	-1540	4450	-1536	4446	-1526	-14	-10	4453	-1536	-4	0
Morrow Shale	4636	-1722	4636	-1722	4632	-1712	-10	-10	4634	-1717	-5	-5
Mississippi	4678	-1764	4678	-1764	4682	-1762	-2	-2	4694	-1777	13	13
St. Louis C	4765	-1851	4762	-1848	4764	-1844	-7	-4	4786	-1869	18	21
RTD	4860	-1946			4860	-1940			4860	-1943		
LTD	4858	-1944			4859	-1939			4866	-1949		



DRILL STEM TEST REPORT

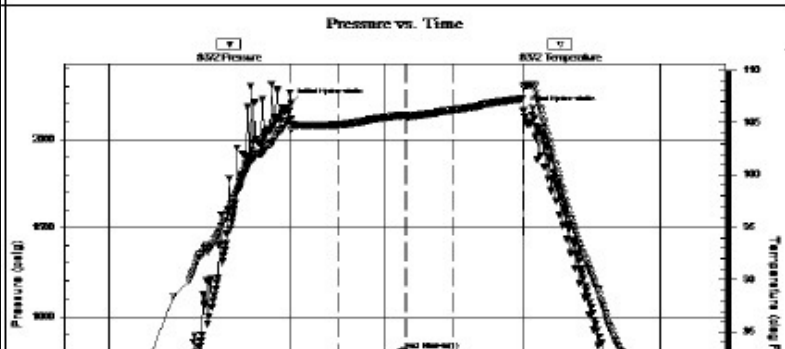
Lebsack Oil Production Inc	7 22s 33w Finney
P. O. Box 354 Chase KS 67524	Garden City 1-7
ATTN: Josh Austin	Job Ticket: 63008 DST#: 1
	Test Start: 2016.10.24 @ 11:50:00

GENERAL INFORMATION:

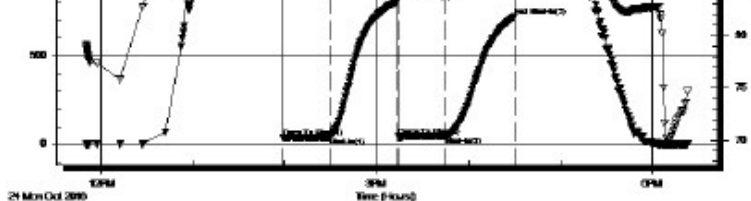
Formation: Pawnee	Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock: ft (KB)	Tester: Jim Svaty
Time Tool Opened: 13:59:15	Unit No: 76
Time Test Ended: 18:23:00	
Interval: 4396.00 ft (KB) To 4431.00 ft (KB) (TVD)	Reference Elevations: 2914.00 ft (KB)
Total Depth: 4431.00 ft (KB) (TVD)	2903.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair
	KB to GR/CF: 11.00 ft

Serial #: 8372 Outside	Capacity: 8000.00 psig
Press@RunDepth: 43.64 psig @ 4398.00 ft (KB)	Last Calib.: 2016.10.24
Start Date: 2016.10.24 End Date: 2016.10.24	Time On Btm: 2016.10.24 @ 13:59:00
Start Time: 11:50:02 End Time: 18:23:00	Time Off Btm: 2016.10.24 @ 16:30:30

TEST COMMENT: 30-IFP- 1/2in. Blow Started to Die Back in 14min.
 45-ISIP- No Blow
 30-FFP- No Blow
 45-FSIP- No Blow



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2201.65	105.23	Initial Hydro-static
1	37.58	104.30	Open To Flow (1)
31	40.71	104.75	Shut-In(1)
75	806.48	105.73	End Shut-In(1)
76	41.73	105.48	Open To Flow (2)
106	43.64	106.17	Shut-In(2)
151	720.04	107.30	End Shut-In(2)



152 2156.94 108.39 Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Oil Speck Mud 1%o 99%m	0.20

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lebsack Oil Production Inc
 P. O. Box 354
 Chase KS 67524
 ATTN: Josh Austin

7 22s 33w Finney
Garden City 1-7
 Job Ticket: 63009 DST#: 2
 Test Start: 2016.10.26 @ 07:49:00

GENERAL INFORMATION:

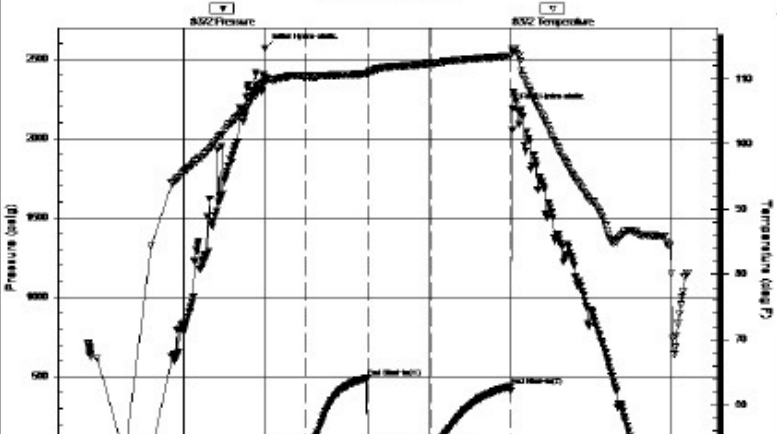
Formation: **Mississippi**
 Deviated: **No Whipstock:** ft (KB)
 Test Type: **Conventional Bottom Hole (Reset)**
 Time Tool Opened: **10:00:45**
 Tester: **Jim Svaty**
 Time Test Ended: **15:12:00**
 Unit No: **76**
 Interval: **4755.00 ft (KB) To 4775.00 ft (KB) (TVD)**
 Reference Elevations: **2914.00 ft (KB)**
 Total Depth: **4775.00 ft (KB) (TVD)**
2903.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GR/CF: **11.00 ft**

Serial #: 8372

Outside
 Press@RunDepth: **42.54 psig @ 4757.00 ft (KB)**
 Capacity: **8000.00 psig**
 Start Date: **2016.10.26** End Date: **2016.10.26**
 Last Calib.: **2016.10.26**
 Start Time: **07:49:02** End Time: **15:12:30**
 Time On Btm: **2016.10.26 @ 10:00:30**
 Time Off Btm: **2016.10.26 @ 13:02:30**

TEST COMMENT: 30-IFP- Surface Blow Building to 2 1/2in.
 45-ISIP- No Blow
 45-FFP- Surface Blow Building to 4in.
 60-FSIP- No Blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2565.01	110.28	Initial Hydro-static
1	32.88	109.43	Open To Flow (1)
30	33.72	110.33	Shut-In(1)
76	491.97	110.74	End Shut-In(1)
76	32.65	110.74	Open To Flow (2)
122	42.54	112.36	Shut-In(2)
181	439.03	113.51	End Shut-In(2)
182	2182.39	114.08	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
59.00	25%o 75%m	0.29
0.00	GIP 100'	0.00

* Recovery from multiple tests

Gas Rates

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

ROCK TYPES

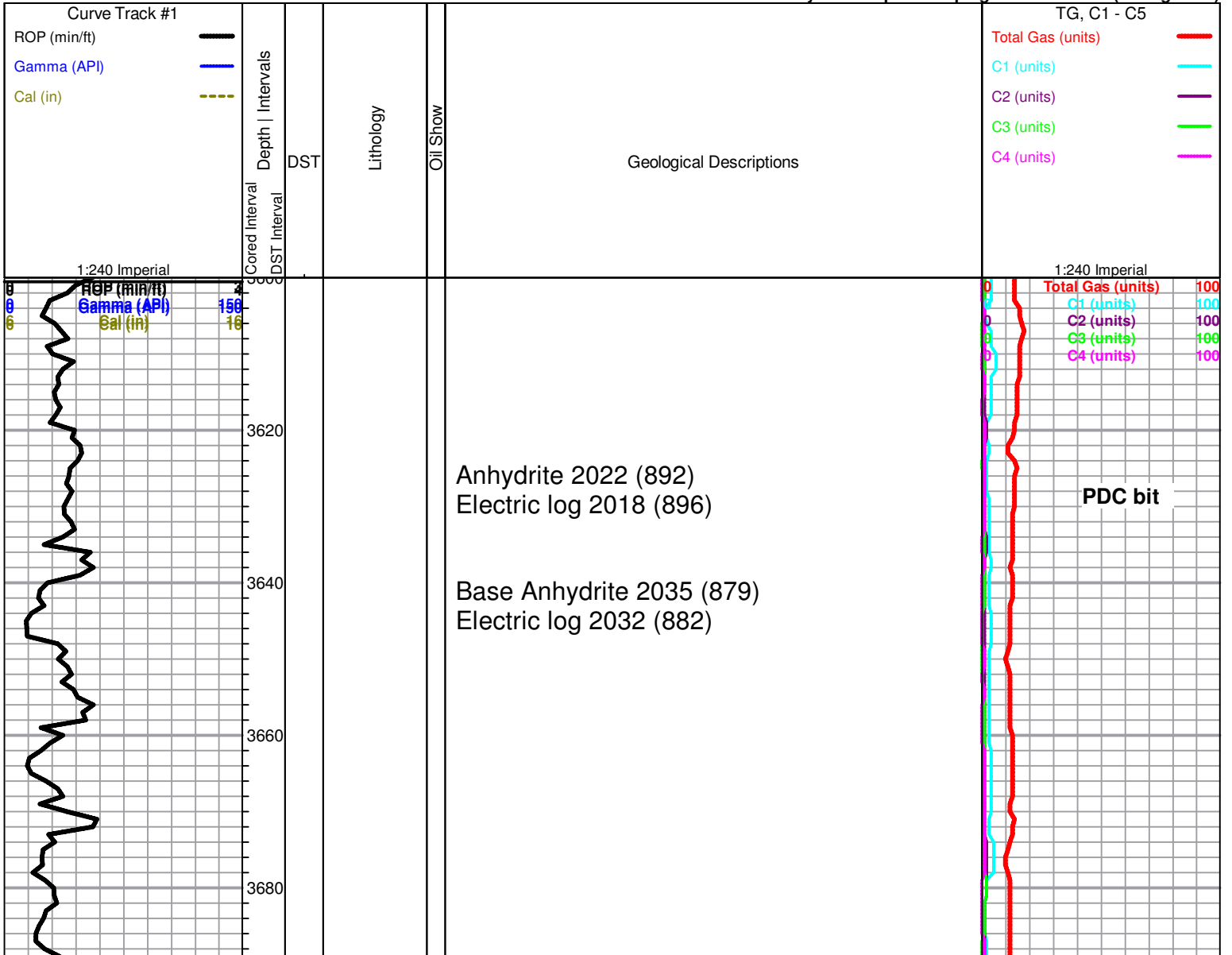
	sdymst		shale, grn		Carbon Sh
	Lmst fw7>		shale, gry		Ss

OTHER SYMBOLS

DST

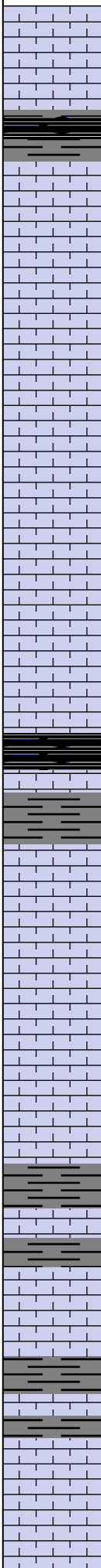
- DST Int
- DST alt
- Core
- tail pipe

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)



3700
3720
3740
3760
3780
3800
3820
3840
3860
3880
3900

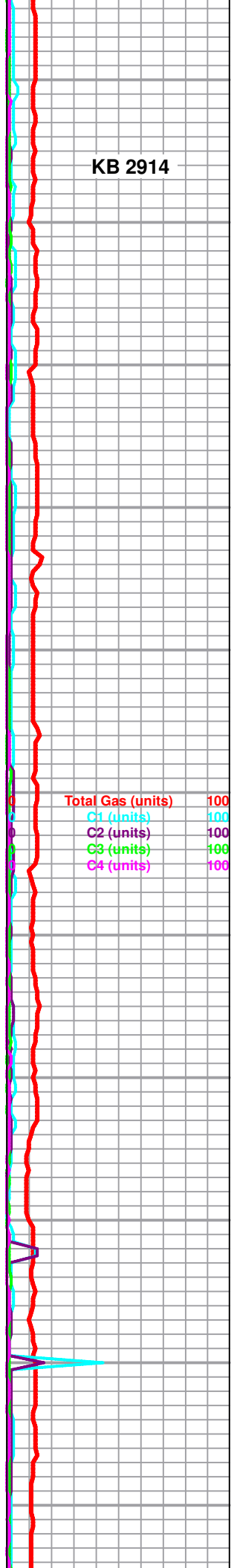
ROP (min/ft) 4
Gamma (API) 150
Cal (in) 16

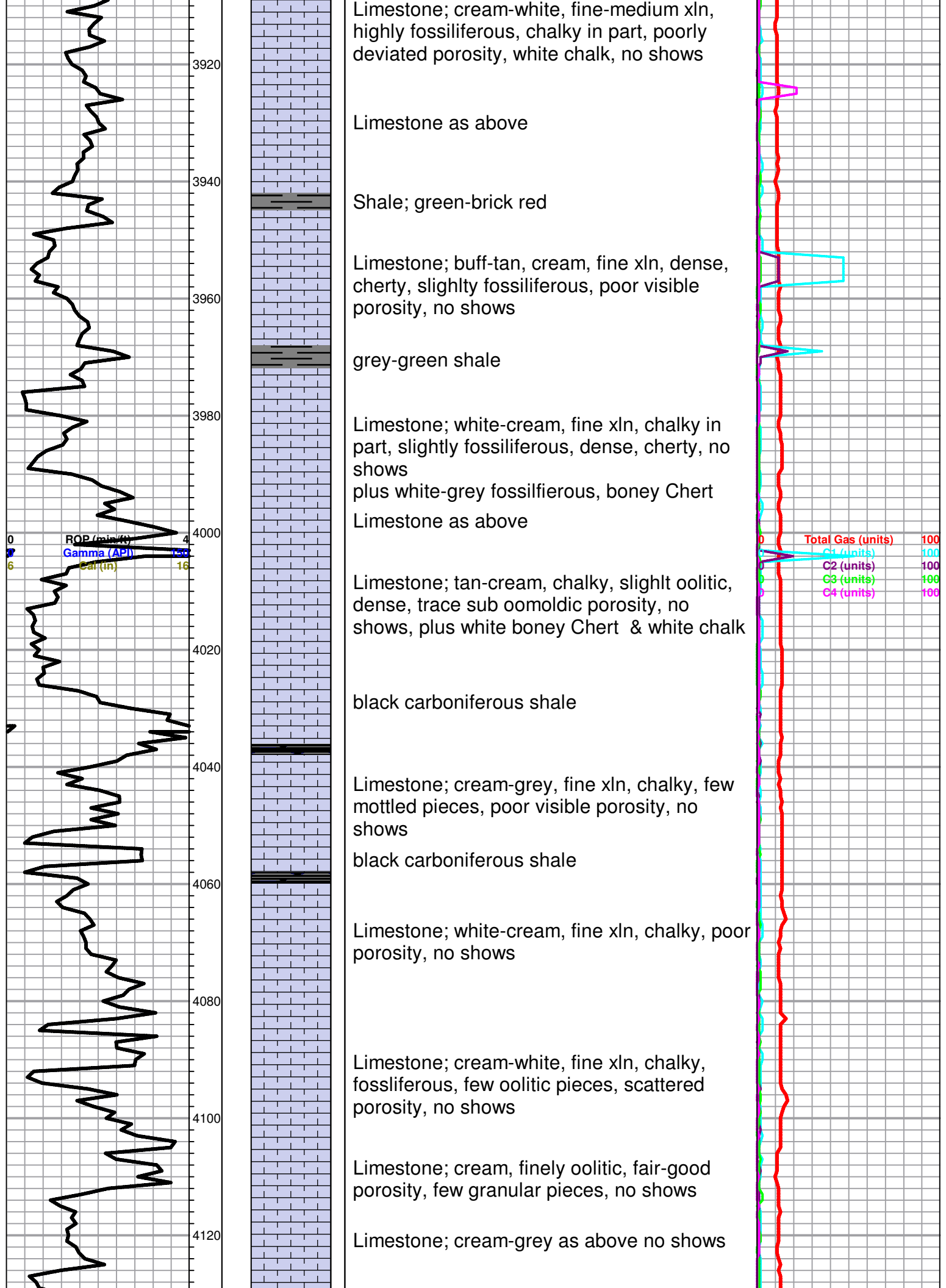


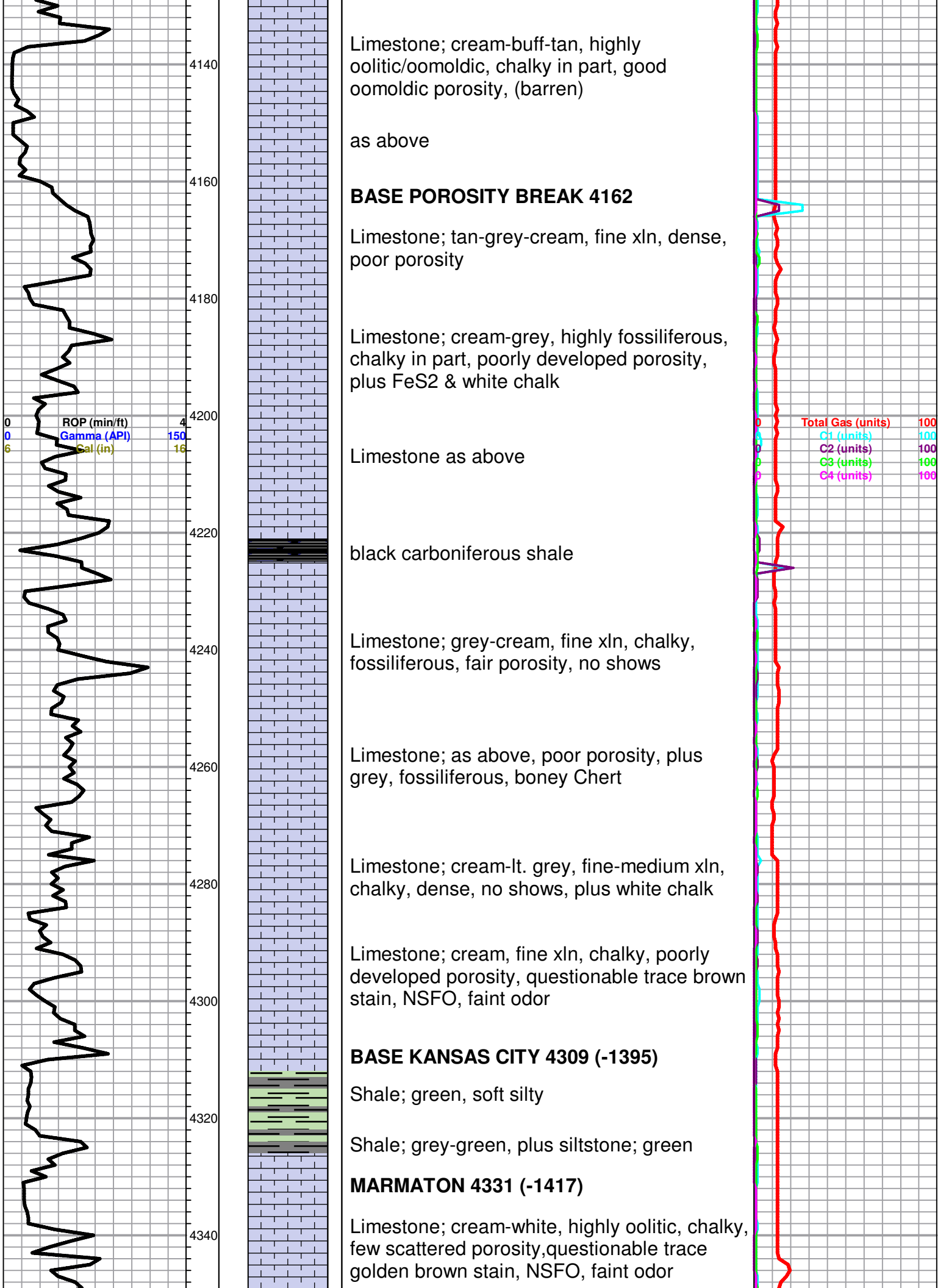
grey-dark grey
trace black carboniferous shale
Limestone; tan-cream, fine-medium xln, finely granular, oolitic in part, no shows
Limestone; cream-lt. grey, fine-medium xln, highly fossiliferous-slightly oolitic, granular in part, chalky, plus White chalk
Limestone; tan-buff, fine xln, slightly sucrosic, dolomitic in part, no shows
HEEBNER 3792 (-878)
Black Carboniferous Shale
grey-green, soft, silty shale
TORONTO 3806 (-892)
Limestone; white-cream, fine xln, chalky, few fossiliferous-oolitic pieces, poor porosity, no shows
Limetone; cream-lt. grey, fine xln, dense, few sparry calcite, chalky in part, no shows
grey-green soft shale
Limetone; cream-white, fine xln, chalky, dense, plus chert; white, fossilifeorus, boney
grey shale
LANSING 3887 (-973)
Limestone; cream, fine xln, fossiliferous, chalky in part, few scattered porosity, white chalk, no shows

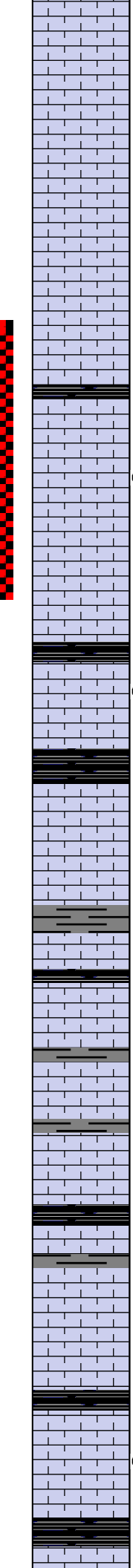
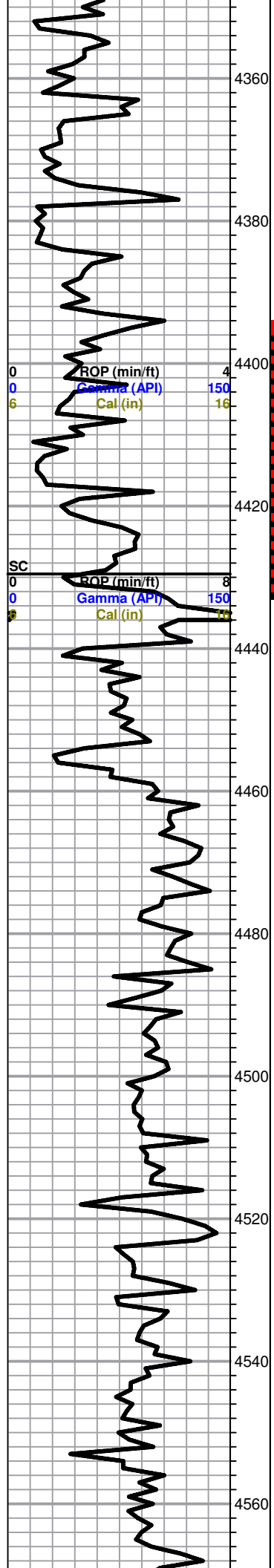
KB 2914

Total Gas (units) 100
C1 (units) 100
C2 (units) 100
C3 (units) 100
C4 (units) 100









trace black carboniferous shale

Limestone; cream-tan, fine xln, chalky, fossiliferous, cherty, poor porosity, no shows, Chert, tan-amber

Limestone; cream-white, fine xln, chalky, slightly oolitic, no shows

Limestone; dark grey-buff, fine xln, chalky, dense, slightly sandy, poor visible porosity, no shows

black carboniferous shale

PAWNEE 4407 (-1493)

Limestone; cream-tan, highly oolitic, fair oolitic porosity "tight", brown stain, spotty SFO when broke, faint odor, few sparry calcite with brown staining, trace gas bubbles

black carboniferous shale

FT. SCOTT 4442 (-1528)

Limestone; tan, foss-oolitic, dense, intercrystalline porosity "tight", brown stain, slight SFO, faint odor

CHEROKEE SHALE 4454 (-1540)

black carboniferous shale

Limestone; cream-lt. grey, chalky, fine xln, fossiliferous, "shaley" in part, Chert; cream-white, no shows, plus white chalk

dark grey shale

black carboniferous shale

Limestone; cream-tan, fine xln, fossiliferous, few nodules, granular in part, no visible porosity, no shows

Limestone; as above, tan-grey, fossiliferous, dense, cherty, plus Chert; amber, boney

black carboniferous shale

Limestone; tan-cream, fine xln, dense, slightly fossiliferous, dense, cherty, no shows

trace black carboniferous shale

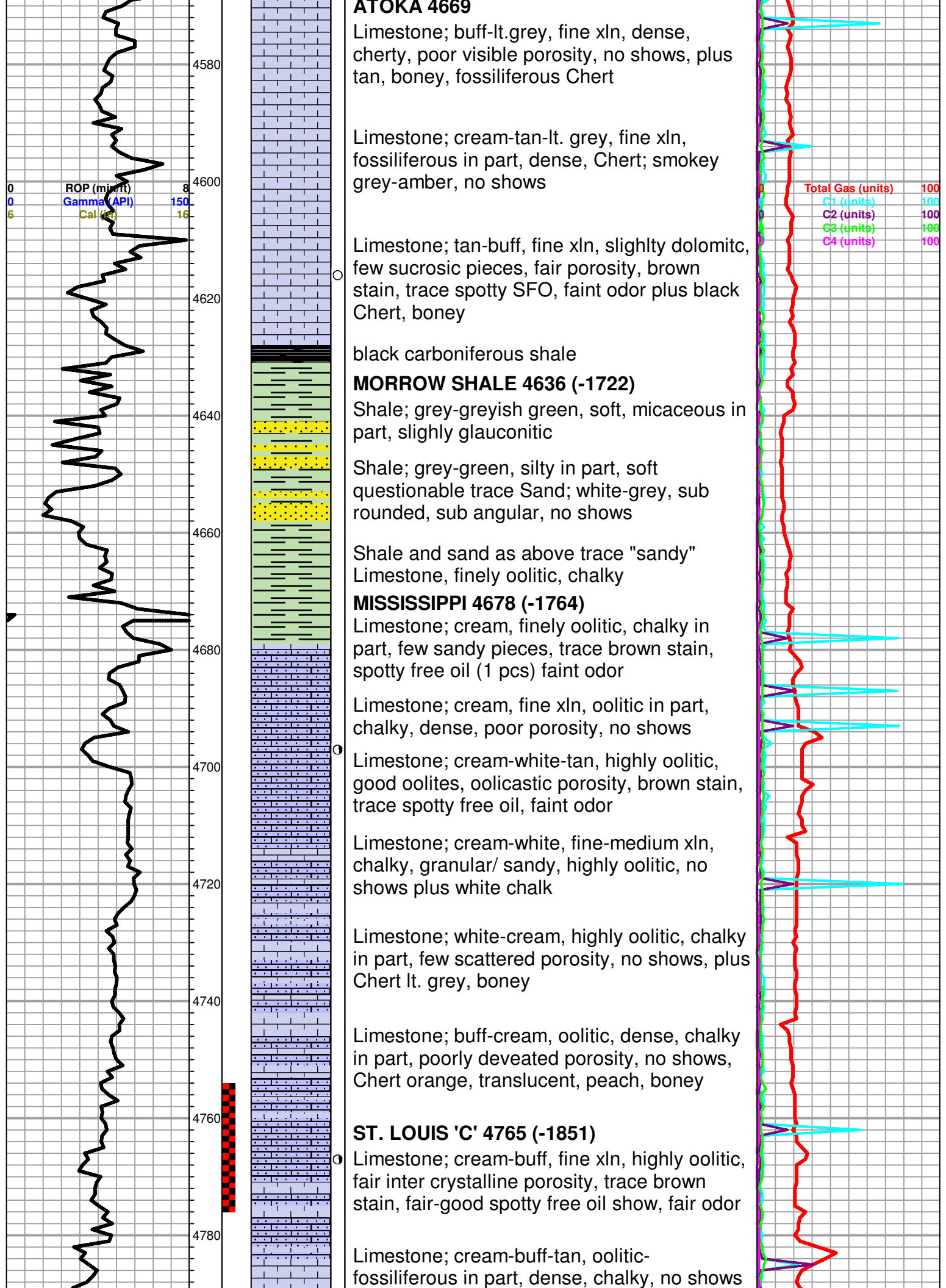
Limestone; tan, "sandy" good intercrystalline porosity, few finely oolitic, brown stain, questionable trace spotty free oil, faint-fair odor when sample broke

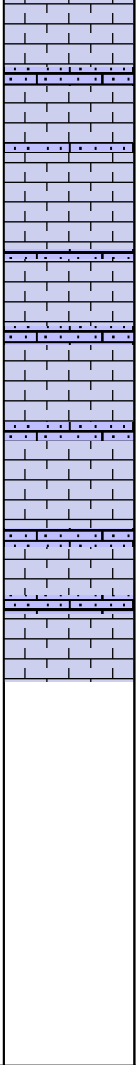
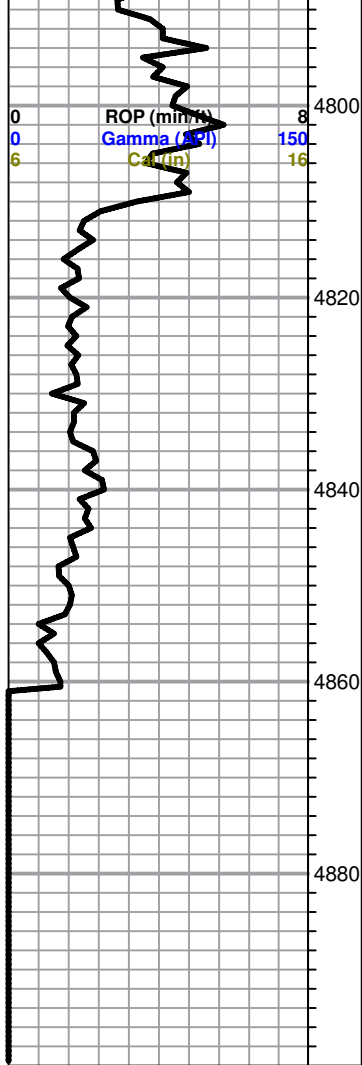
black carboniferous shale

Total Gas (units) 100
 C1 (units) 100
 C2 (units) 100
 C3 (units) 100
 C4 (units) 100

Button Bit to RTD

DST #1 4496-4431
 30-45-30-45
 Blow; weak surface 1/4"
 Final, no blow
 Recovery;
 20' mud few oil spots
 Pressures:
 ISIP 806
 FSIP 720
 IFP 38-41
 FFP 42-44
 HSH 2201-2157



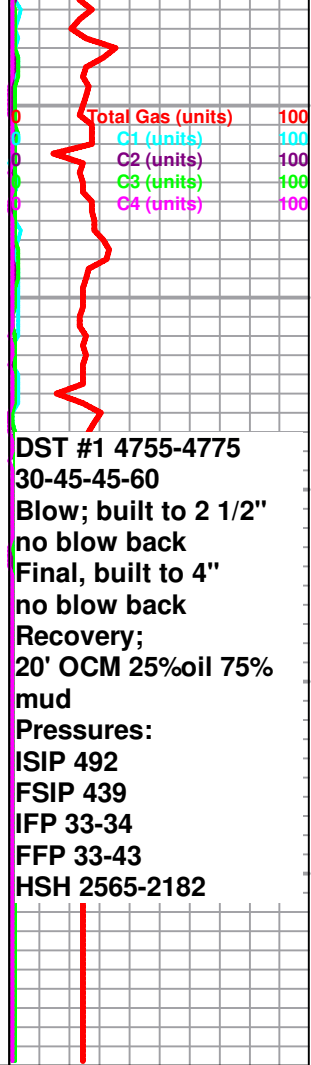


Limestone; cream-buff-lt. grey, fine-medium xln, slightly oolitic-fossiliferous, poor porosity, no shows, plus white-translucent Chert

Limestone; buff-lt. grey-cream, granular, oolitic in part, poorly developed porosity, no shows, plus smokey grey-translucent-amber, boney Chert

Limestone and Chert; as above

ROTARY TOTAL DEPTH 4860 (-1946)





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

PRESSURE PUMPING

Job Log

Customer:	Lebsack Oil Production	Cement Pump No.:	38117, 19919 12.5 Hrs	Operator TRK No.:	78938
Address:	PO Box 489	Ticket #:	1718 13187 L	Bulk TRK No.:	30464, 37724 Santiago 27808, 19883 Marc
City, State, Zip:	Hays Ks 67601	Job Type:	Z42 - Cement Surface Casing		
Service District:	1718 - Liberal, Ks.	Well Type:	OIL		
Well Name and No.:	Garden City 1-7	Well Location:	7,22,33	County:	Finney State: Ks

Type of Cmt	Sacks	Additives	Truck Loaded On		
AA2	150	5% W-60, 10% SALT, .6% C-15, 1/4# DEFOAMER, 5# GILSONITE	30464, 37724 Santiago	Front	Back
A-CON' BLEND	390	3% CALCIUM CHLORIDE, 1/4# POLYFLAKE	27808, 19883 Marc	Front	Back
A-CON' BLEND	50	3% CALCIUM CHLORIDE, 1/4# POLYFLAKE		Front	Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	14.8	1.51	6.64	226.5	Man Hours:	13
Tail:	11.5	2.86	17.4	1115.4	# of Men on Job:	3

Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure (PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
11:00							ON LOCATION
11:05							SAFETY MEETING / WAIT ON RIG
4:00 PM							RIG UP
5:55 PM							RIG UP TO CIRCULATE
6:10 PM							CIRCULATE HOLE
19:10							RIG TO P.T.
19:21							PRESSURE TEST TO 3200PSI
7:25 PM	4	11.9				180	PUMP 500 GALLONS MUD FLUSH
19:30	7.5	40.3 slurry				450	PUMP 150SX AA2 @ 14.8#
19:41							SHUTDOWN / W.P. / DROP PLUG
19:48	7.4	10				150	DISPLACE W/ WATER
	7.3	20				180	
	7.2	30				180	
19:50	7.2	38				180	DISPLACE W/ MUD
	7.2	50				180	
	7.1	60				200	
	7.1	70				210	
	7.3	80				240	
	7.4	90				240	
	7.3	100				400	
	2.3	107				250	SLOW RATE
	2.3	110				360	
20:13	2.2	117.8				550	LAND PLUG PRESSURE UP TO 2000PSI

Size Hole	7 7/8"	Depth			TYPE	Plug Container	
Size & Wt. Csg.	5 1/2" 15.5#	Depth	4848'	New / Used	Stage Tool	3292'	Depth
tbg.		Depth			Retainer		Depth
Top Plugs		Type			Perfs		CIBP

Customer Signature: <i>[Signature]</i>	Basic Representative:	Daniel Beck
	Basic Signature:	<i>[Signature]</i>
	Date of Service:	10/27/2016



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

PRESSURE PUMPING

Job Log

Customer:	Lebsack Oil Production	Cement Pump No.:	38117, 19919 12.5 Hrs	Operator TRK No.:	78938
Address:		Ticket #:	1718 13187 L	Bulk TRK No.:	30464, 37724 Santiago Marc
City, State, Zip:		Job Type:	Z42 - Cement Surface Casing		
Service District:	1718 - Liberal Ks	Well Type:	OIL		

Well Name and No.: Garden City 1-7 Well Location: 7,22,33 County: Finney State: Ks

Type of Cmt	Sacks	Additives	Truck Loaded On	
			Front	Back
			Front	Back
			Front	Back

Lead/Tail:	Weight #1 Gal.	Yield	Water Requirements	CU. FT.	Man Hours / Personnel
Lead:					Man Hours:
Tail:					# of Men on Job: 3

Time (am/pm)	(BPM)	Volume (BBSL)	Pumps		Pressure(PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
20:14							RELEASE BACK --- FLOAT HELD
20:20							DROP OPENING TOOL / W.P. / WAIT
8:36 PM							OPEN TOOL W/ 1000PSI
8:40 AM							SHUTDOWN / RIG CIRCULATING 2ND STAGE
9:15 PM							RIG TO P.T.
21:19							CEMENT RAT & MOUSE W/ 50SX
21:32		198.6 slurry					PUMP 390SX @ 11.5# THRU CASING
10:04 PM							SHUTDOWN / DROP PLUG / W.P
22:10	7.5	10				450	DISPLACE
	7.4	20				480	
	7.3	30				550	
	7.3	40				600	
	7.2	50				620	
	7.2	60				700	
	2.6	69				600	SLOW RATE
	2	70				580	(Ran Out of Water on Rig)
10:27	2	79.9				600	LAND PLUG / PRESSURE UP TO 1550PSI
10:30							RELEASE BACK --- PLUG HELD
							JOB COMPLETE

Size Hole	7 7/8"	Depth			TYPE	
Size & Wt. Csg.	5 1/2" 15.5#	Depth	4848'	New / Used	Packer	Depth
tbg.		Depth			Retainer	Depth
Top Plugs		Type			Perfs	CIBP

Customer Signature: *X*

Basic Representative: Daniel Beck
 Basic Signature: *Daniel Beck*
 Date of Service: 10/27/2016



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lebsack Oil Production Inc

7 22s 33w Finney

P. O. Box 354
Chase KS 67524

Garden City 1-7

ATTN: Josh Austin

Job Ticket: 63008

DST#: 1

Test Start: 2016.10.24 @ 11:50:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:59:15

Time Test Ended: 18:23:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jim Svaty

Unit No: 76

Interval: 4396.00 ft (KB) To 4431.00 ft (KB) (TVD)

Reference Elevations: 2914.00 ft (KB)

Total Depth: 4431.00 ft (KB) (TVD)

2903.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8372 Outside

Press@RunDepth: 43.64 psig @ 4398.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.10.24

End Date:

2016.10.24

Last Calib.: 2016.10.24

Start Time: 11:50:02

End Time:

18:23:00

Time On Btm: 2016.10.24 @ 13:59:00

Time Off Btm: 2016.10.24 @ 16:30:30

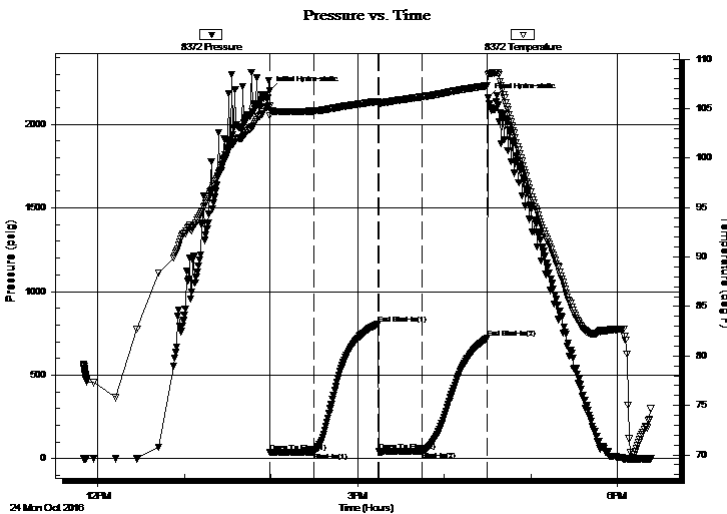
TEST COMMENT: 30-IFP- 1/2in. Blow Started to Die Back in 14min.

45-ISIP- No Blow

30-FFP- No Blow

45-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2201.65	105.23	Initial Hydro-static
1	37.58	104.30	Open To Flow (1)
31	40.71	104.75	Shut-In(1)
75	806.48	105.73	End Shut-In(1)
76	41.73	105.48	Open To Flow (2)
106	43.64	106.17	Shut-In(2)
151	720.04	107.30	End Shut-In(2)
152	2156.94	108.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Oil Speck Mud 1%o 99%m	0.20

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lebsack Oil Production Inc

7 22s 33w Finney

P. O. Box 354
Chase KS 67524

Garden City 1-7

Job Ticket: 63008

DST#: 1

ATTN: Josh Austin

Test Start: 2016.10.24 @ 11:50:00

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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	Oil Speck Mud 1%o 99%m	0.197

Total Length: 40.00 ft Total Volume: 0.197 bbl

Num Fluid Samples: 0

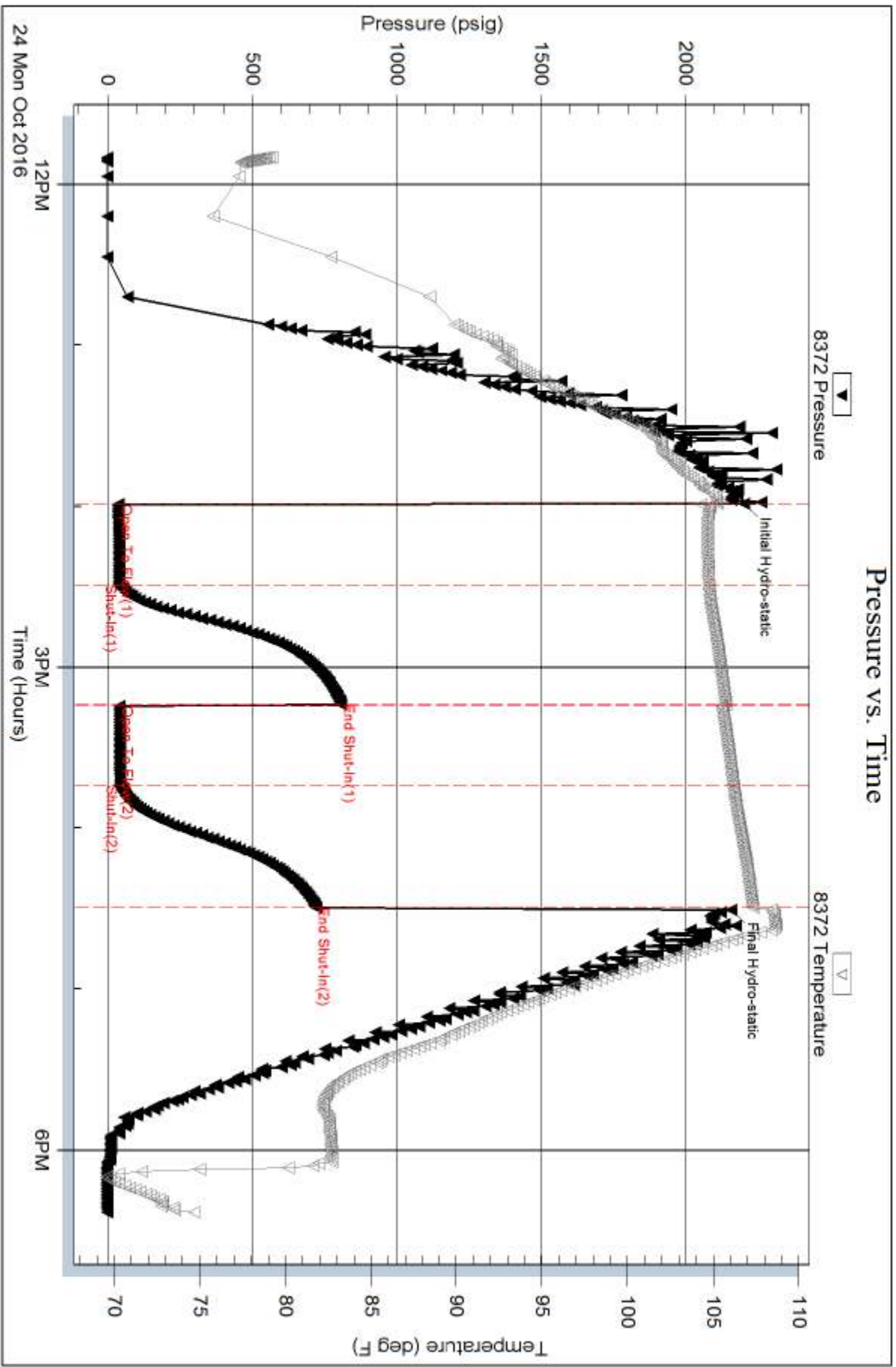
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



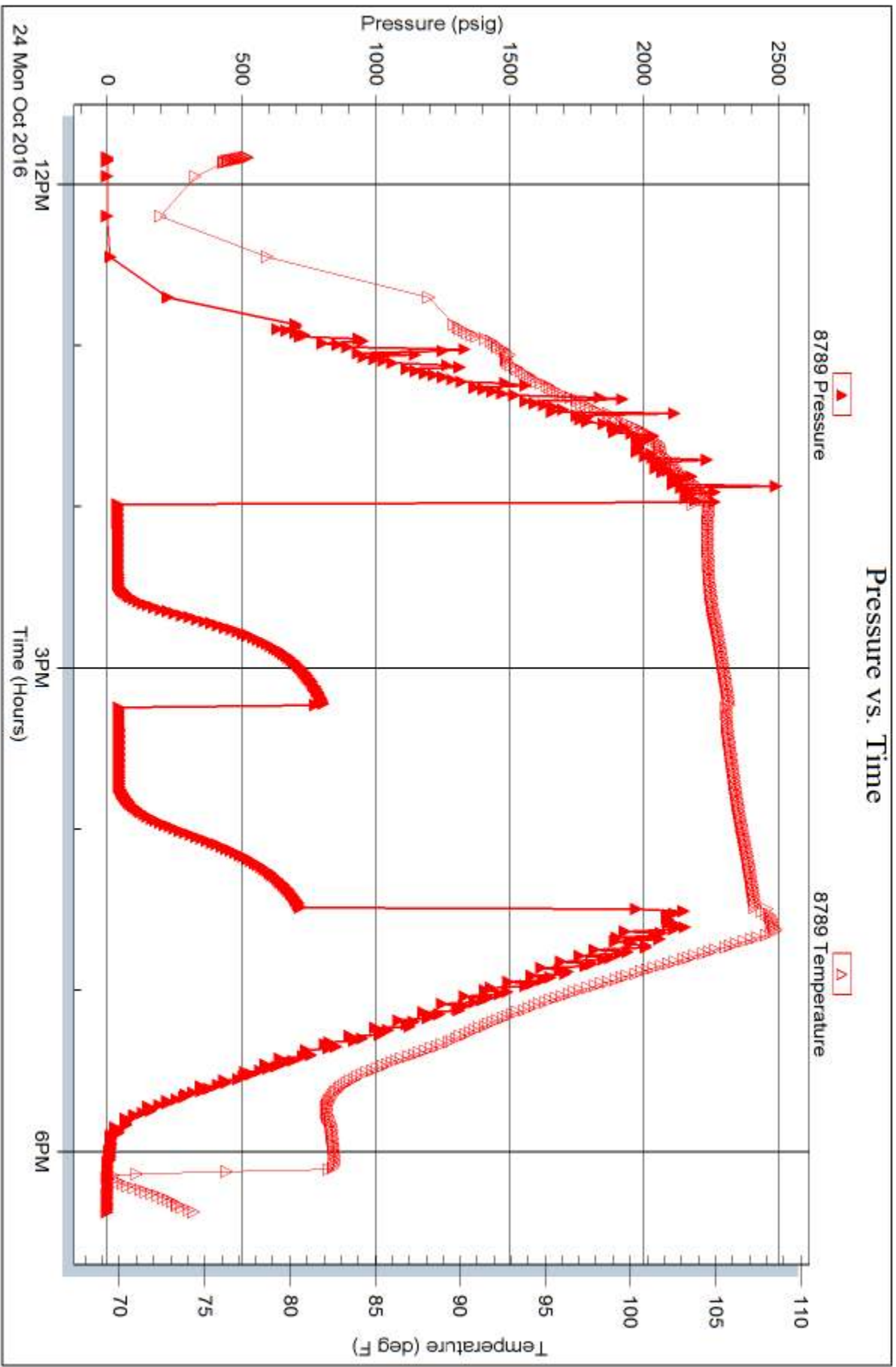
Serial #: 8789

Inside

Lebsack Oil Production Inc

Garden City 1-7

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 63008

Printed: 2016.10.24 @ 19:32:04



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Lebsack Oil Production Inc

7 22s 33w Finney

P. O. Box 354
Chase KS 67524

Garden City 1-7

ATTN: Josh Austin

Job Ticket: 63009

DST#: 2

Test Start: 2016.10.26 @ 07:49:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:00:45

Time Test Ended: 15:12:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 76

Interval: 4755.00 ft (KB) To 4775.00 ft (KB) (TVD)

Reference Elevations: 2914.00 ft (KB)

Total Depth: 4775.00 ft (KB) (TVD)

2903.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8372 Outside

Press@RunDepth: 42.54 psig @ 4757.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.10.26 End Date: 2016.10.26

Last Calib.: 2016.10.26

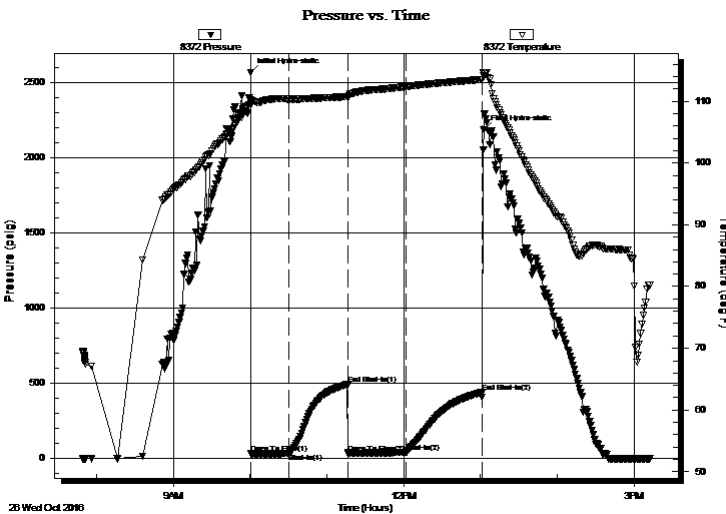
Start Time: 07:49:02 End Time: 15:12:30

Time On Btm: 2016.10.26 @ 10:00:30

Time Off Btm: 2016.10.26 @ 13:02:30

TEST COMMENT: 30-IFP- Surface Blow Building to 2 1/2in.
45-ISIP- No Blow
45-FFP- Surface Blow Building to 4in.
60-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2565.01	110.28	Initial Hydro-static
1	32.88	109.43	Open To Flow (1)
30	33.72	110.33	Shut-In(1)
76	491.97	110.74	End Shut-In(1)
76	32.65	110.74	Open To Flow (2)
122	42.54	112.36	Shut-In(2)
181	439.03	113.51	End Shut-In(2)
182	2182.39	114.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
59.00	25%o 75%m	0.29
0.00	GIP 100'	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lebsack Oil Production Inc

7 22s 33w Finney

P. O. Box 354
Chase KS 67524

Garden City 1-7

Job Ticket: 63009

DST#: 2

ATTN: Josh Austin

Test Start: 2016.10.26 @ 07:49:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2850.00 ppm

Filter Cake: 3.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
59.00	25%o 75%m	0.290
0.00	GIP 100'	0.000

Total Length: 59.00 ft Total Volume: 0.290 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

