

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1234052
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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 SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- 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 ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1234052

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 List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size: _____ Set At: _____ Packer At: _____	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. _____	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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lebsack Oil Production Inc.
Well Name	Garden City 7-12
Doc ID	1234052

Tops

Name	Top	Datum
Heebner	3789	-871
Toronto	3806	-888
Lansing	3882	-964
Base KC	4304	-1386
Marmaton	4330	-1412
Pawnee	4404	-1486
Ft. Scott	4439	-1521
Mississippi	4672	-1754
RTD	4850	-1932



Joshua R. Austin

Petroleum Geologist

report for



Lebsack Oil Production, Inc.

COMPANY: Lebsack Oil Production, Inc.

LEASE: Garden City # 7-12

FIELD: Tanker

LOCATION: 2200' FNL & 2200' FEL (NE-SW-SW-NE)

SEC: 12 TWSP: 22s RGE: 34w

COUNTY: Finney STATE: Kansas

KB: 2918' GL: 2907'

API # 15-055-22354-00-00

CONTRACTOR: H2 Drilling LLC (rig #1)

Spud: 11/11/2014 Comp: 11/19/2014

RTD: 4850' LTD: 4852'

Mud Up: 3400' Type Mud: Chemical was displaced

Samples Saved From: 3600' to RTD.

Drilling Time Kept From: 3600' to RTD.

Samples Examined From: 3600' to RTD.

Geological Supervision From: 3950' to RTD.

Geologist on Well: Josh Austin

Surface Casing: 8 5/8" @431'

Production Casing: 5 1/2" @ 4847'

Electronic Surveys: By Pioneer Energy Services

NOTES

On the basis of the positive drill stem test and after reviewing the electric logs it was recommended by all parties involved in the Garden City 7-12 to set 5 1/2" production casing to further test the Mississippi and Pawnee.

Lebsack Oil Production, Inc.

well comparison sheet

DRILLING WELL

COMPARISON WELL

COMPARISON WELL

Formation	2918 KB				2917 KB				Structural Relationship		2920 KB		Structural Relationship	
	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log		
Heebner	3794	-876	3789	-871	3794	-876	0	5	3796	-878	2	7		
Toronto	3809	-891	3806	-888	3810	-892	1	4	3812	-894	3	6		
Lansing	3885	-967	3882	-964	3888	-970	3	6	3892	-974	7	10		
Base KC	4298	-1380	4304	-1386	4308	-1390	10	4	4315	-1397	17	11		
Marmaton	4324	-1406	4330	-1412	4335	-1417	11	5	4348	-1430	24	18		
Pawnee	4404	-1486	4404	-1486	4416	-1498	12	12	4426	-1508	22	22		
Ft. Scott	4430	-1512	4439	-1521	4441	-1523	11	2	4456	-1538	26	17		
Cherokee Sh.	4440	-1522	4448	-1530	4453	-1535	13	5	4466	-1548	26	18		
Morrow Shale	4618	-1700	4622	-1704	4634	-1716	16	12	4646	-1728	28	24		
Mississippi	4672	-1754	4672	-1754	4694	-1776	22	22	4717	-1799	45	45		
St. louis C	4780	-1862	4778	-1860	4786	-1868	6	8	4775	-1857	-5	-3		
RTD	4850	-1932				2917			4860	-1942				
LTD	4852	-1934				2917			4860	-1942				



TRIOBITE TESTING, INC.

DRILL STEM TEST REPORT

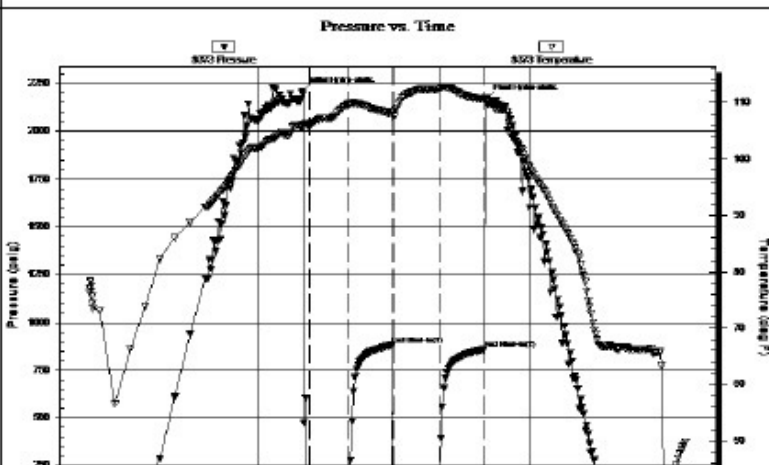
Lebsack Oil Production 12-22s-34w Finney Ks
 P.O. Box 354 Garden City 7-12
 Chase, Ks 67524 Job Ticket: 59663 DST#: 1
 ATTN: Josh Austin Test Start: 2014.11.16 @ 13:07:02

GENERAL INFORMATION:

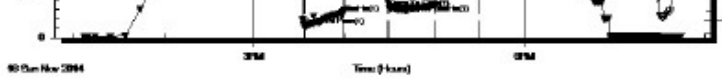
Formation: Pawnee
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:33:32
 Time Test Ended: 19:44:32
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brandon Turley
 Unit No: 60
 Interval: 4390.00 ft (KB) To 4420.00 ft (KB) (TVD)
 Reference Elevations: 2918.00 ft (KB)
 Total Depth: 4420.00 ft (KB) (TVD)
 2907.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good
 KB to GR/CF: 11.00 ft

Serial #: 8373 Inside
 Press@RunDepth: 174.82 psig @ 4391.00 ft (KB)
 Capacity: 8000.00 psig
 Start Date: 2014.11.16 End Date: 2014.11.16
 Last Calib.: 2014.11.16
 Start Time: 13:07:07 End Time: 19:44:31
 Time On Btm: 2014.11.16 @ 15:28:32
 Time Off Btm: 2014.11.16 @ 17:31:02

TEST COMMENT: IF: BOB in 4 min.
 IS: Surface blow built to 9.
 FF: BOB in 7 min.
 FS: BOB in 15 min.



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2205.44	105.77	Initial Hydro-static
5	58.41	106.10	Open To Flow (1)
31	128.88	109.63	Shut-In(1)
60	880.06	108.14	End Shut-In(1)
62	152.36	107.59	Open To Flow (2)
91	174.82	112.42	Shut-In(2)
122	858.03	110.50	End Shut-In(2)
123	2165.81	110.78	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
186.00	nw cgo 40%g 35%o 5%w 20%m	0.91
186.00	nw cgo 15%g 70%o 5%w 10%m	0.98
93.00	go 10%g 90%o	1.30
0.00	1752 GIP	0.00

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Lebsack Oil Production

12-22s-34w Finney Ks

P.O. Box 354
Chase, Ks 67524

Garden City 7-12

ATTN: Josh Austin

Job Ticket: 59664

DST#: 2

Test Start: 2014.11.18 @ 11:52:10

GENERAL INFORMATION:

Formation: Miss
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:09:10
 Time Test Ended: 18:30:10

Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 60

Interval: 4750.00 ft (KB) To 4800.00 ft (KB) (TVD)
 Total Depth: 4800.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2918.00 ft (KB)
 2907.00 ft (CF)
 KB to GR/CF: 11.00 ft

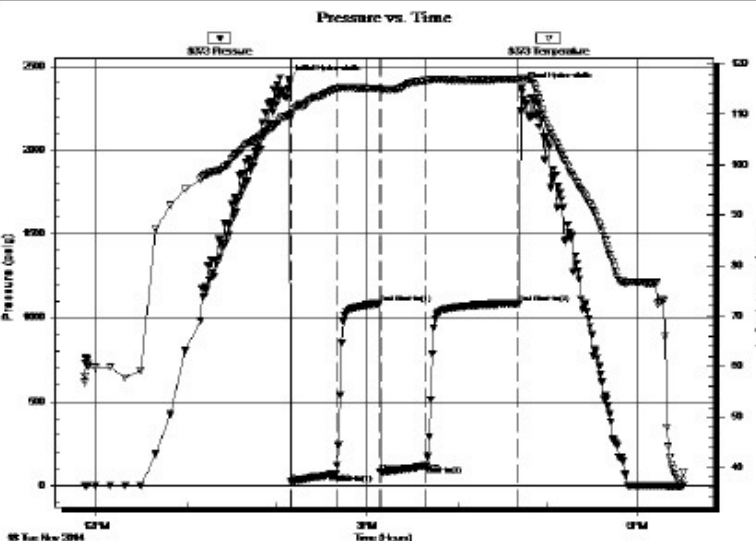
Serial #: 8373

Inside

Press@RunDepth: 117.56 psig @ 4751.00 ft (KB)
 Start Date: 2014.11.18 End Date: 2014.11.18
 Start Time: 11:52:15 End Time: 18:30:09

Capacity: 8000.00 psig
 Last Calib.: 2014.11.18
 Time On Btm: 2014.11.18 @ 14:07:40
 Time Off Btm: 2014.11.18 @ 16:42:40

TEST COMMENT: IF: 1/4 blow built to 3.
 IS: No return.
 FF: Surface blow built to 2.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2418.17	109.73	Initial Hydro-static
2	22.22	109.39	Open To Flow (1)
32	71.20	114.90	Shut-In(1)
61	1085.70	115.06	End Shut-In(1)
61	82.93	114.54	Open To Flow (2)
92	117.56	116.59	Shut-In(2)
153	1086.70	116.86	End Shut-In(2)
155	2368.05	117.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	ocw m 5%o 25%w 70%m	0.44
90.00	ocw m 10%o 10%w 80%m	0.44
30.00	ocm 5%o 95%m	0.15

* Recovery from multiple tests

Gas Rates

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

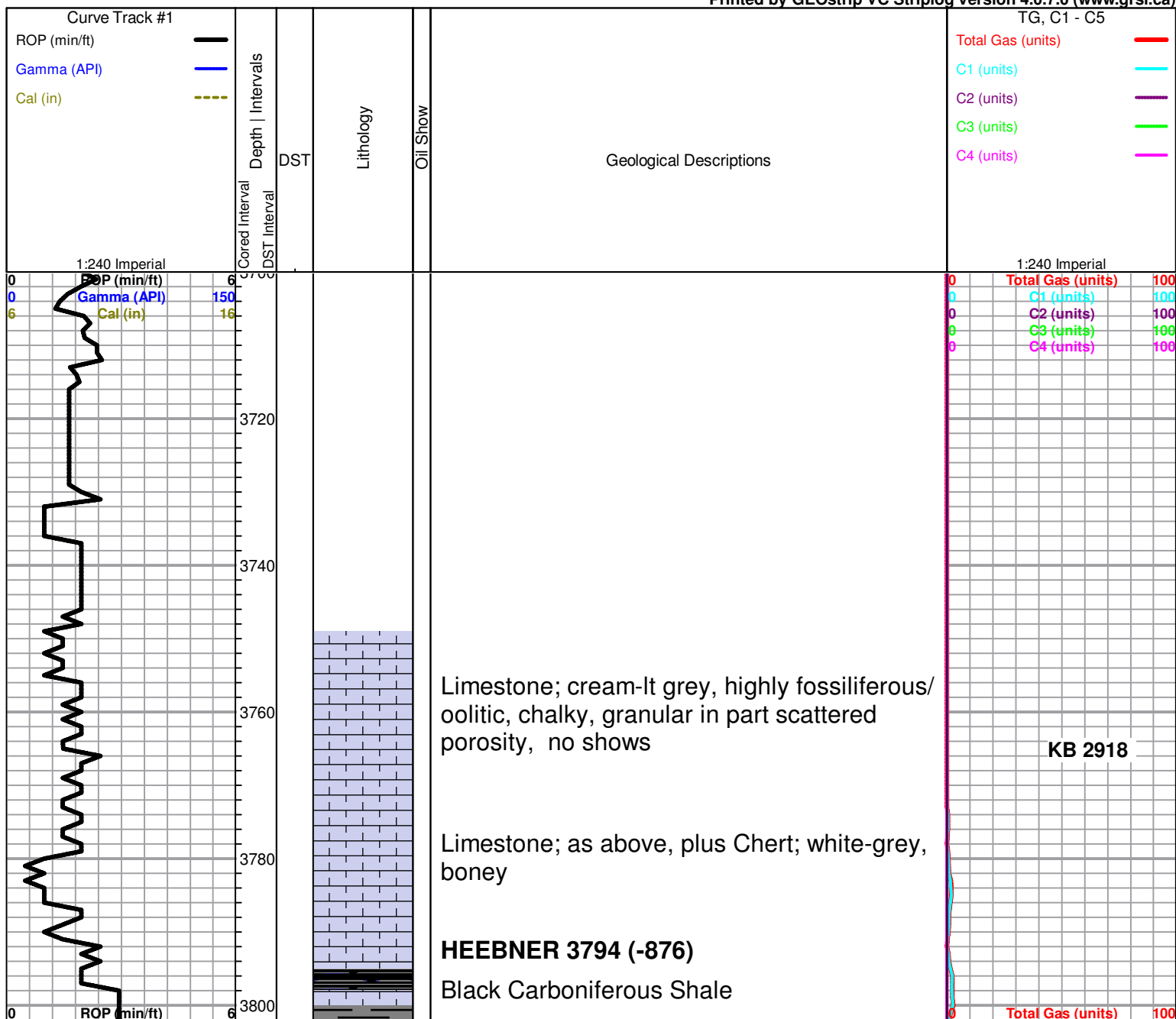
ROCK TYPES

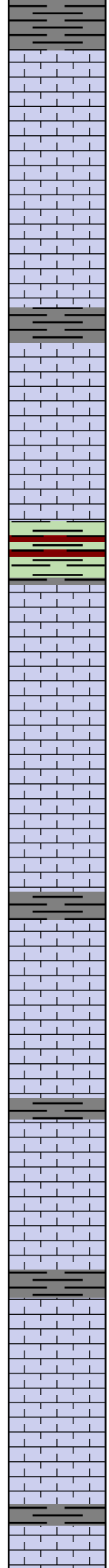
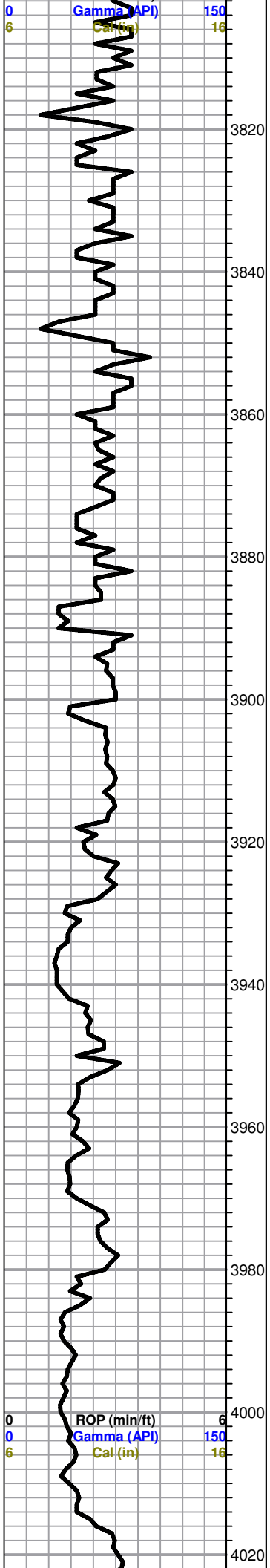
 Lmst fw7>	 shale, gry	 shale, red
 shale, grn	 Carbon Sh	 Ss

OTHER SYMBOLS

- DST**
-  DST Int
 -  DST alt
 -  Core
 -  tail pipe

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





Shale; grey-dark grey

TORONTO 3809 (-891)

Limestone; grey-cream, fine xln, fossiliferous, dense, chalky in part, few inter xln type porosity, plus white chalk

Limestone; as above no shows

Shale; grey-dark grey

Limestone; cream, fine xln, chalky, dense, fossiliferous-oolitic, poor porosity, no shows

Shale; variety colors

LANSING 3885 (-967)

Limestone; cream-buff, fine-medium xln, fossiliferous-oolitic in part, dense, poor visible porosity, slightly chert, no shows

Limestone; as above, cream, fine xln, chalky, fossiliferous, cherty in part

grey shale

Limestone; buff-cream, fine-medium xln, fossiliferous/oolitic, few scattered porosity, sparry calcite crystals, no shows

grey-green shale

Limestone; cream-lt. grey, fine xln, chalky, slightly fossiliferous, dense, cherty, plus, variety color chert

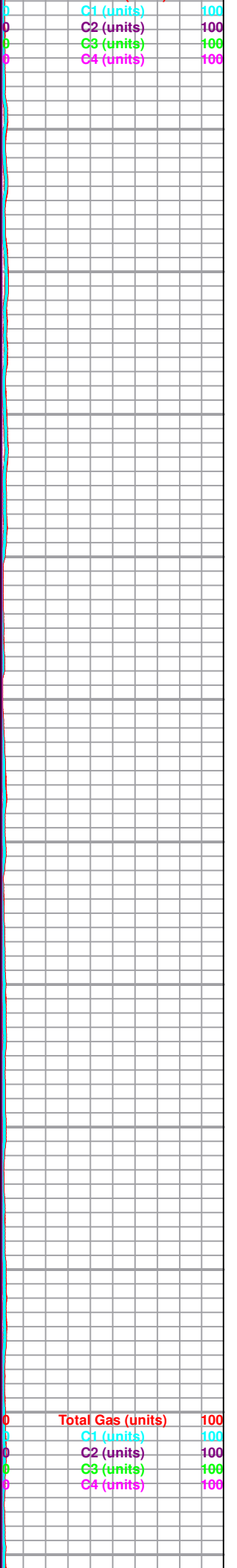
grey-dark grey shale

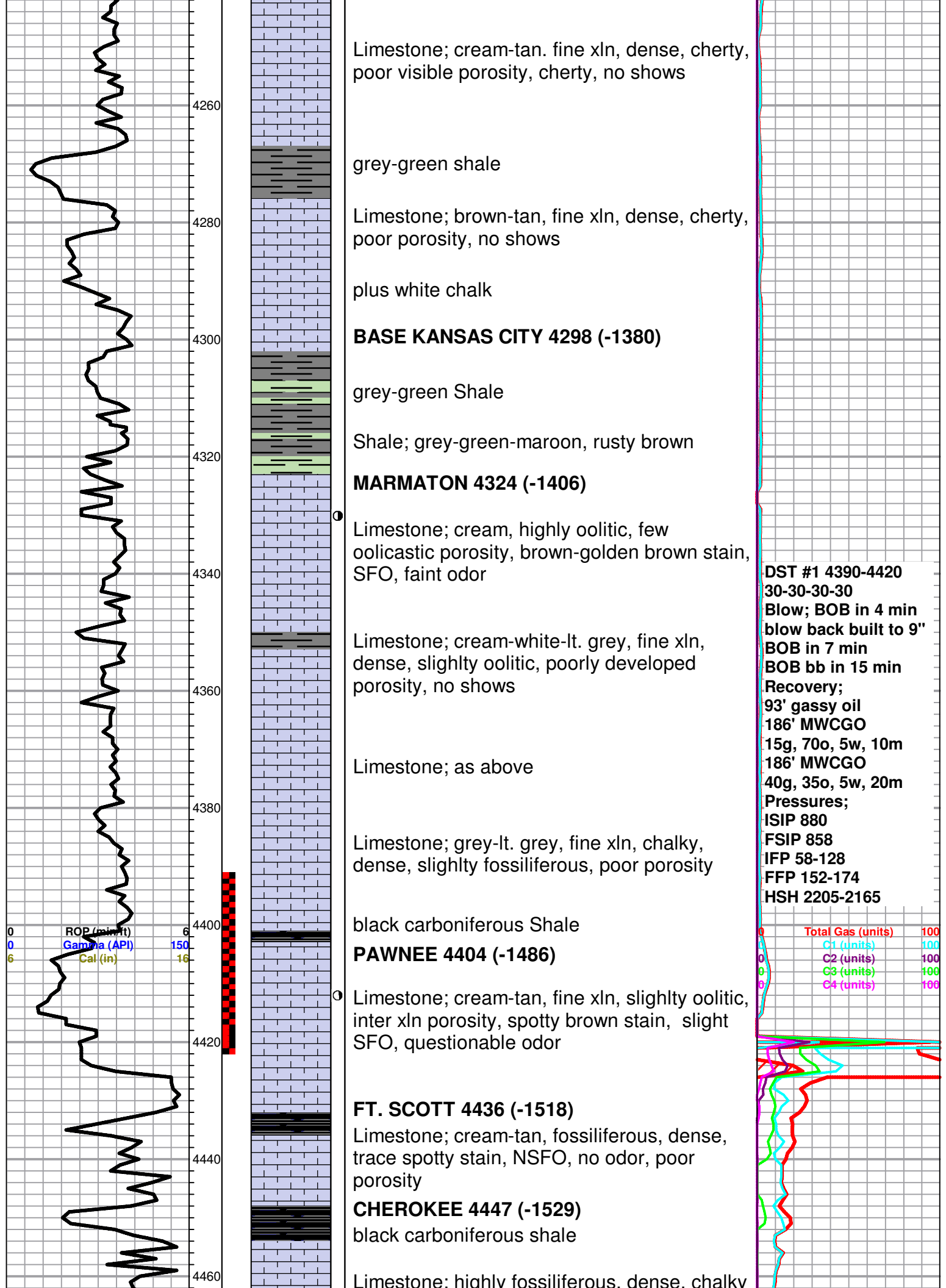
Limestone; cream, highly oolitic/fossiliferous, fair-good fossil cast-oolitic porosity, no shows

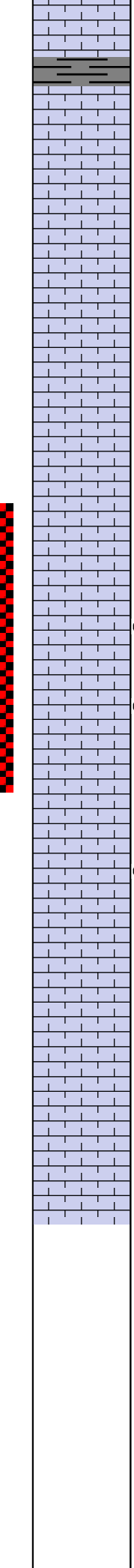
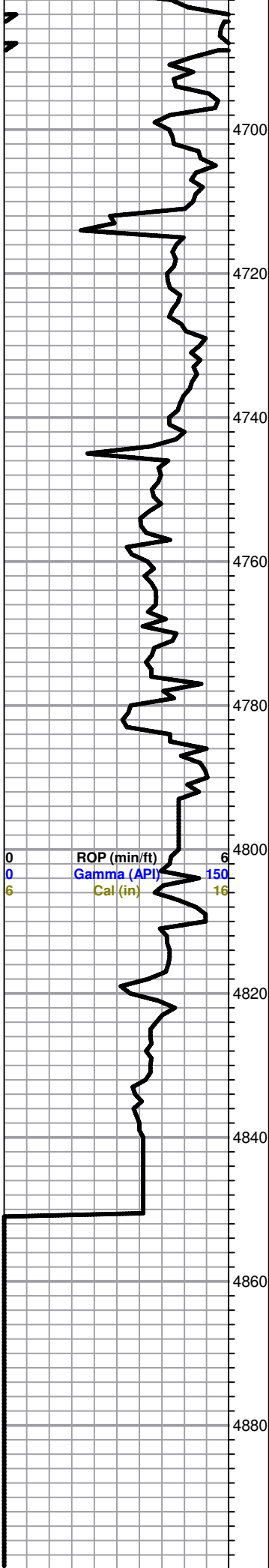
Limestone; as above plus grey-cream, chalky, dense

grey shale

Limestone; grey, fine xln, chalky, dense,







odor
 Limestone; white-lt. grey, highly oolitic, chalky, trace spotty brown stain, NSFO, no odor
 Limestone; cream-buff, highly oolitic, fair porosity, brown stain, SFO, no odor (abundant uphole cuttings)
 Limestone; cream-white, chalky, granular/sandy, oolitic, no shows
 Limestone; as above plus white chalk
 Limestone; white-cream, granular/sandy, oolitic in part, white chalk, no shows
 Limestone; cream-lt. grey-white, chalky, granular/sandy, oolitic, trace spotty brown stain, lt. SFO, no odor
St. Louis 'C'
 Limestone; cream, oolitic, few scattered oolitic porosity, trace brown stain, SFO, odor when broke
 Limestone; cream, oolitic, scattered oolitic porosity, questionable trace free oil, no odor
 Limestone; cream-white, oolitic, granular, poorly developed porosity, n/s
 Limestone; cream, oolitic in part, granular, plus lt grey-smokey grey chert
ROTARY TOTAL DEPTH 4850 (-1932)

DST #1 4750-4800
30-30-30-60
Blow; Built to 3"
Final;
Built to 2"
Recovery;
30' OCM
5%oil 95% mud
90' GCWM
10%oil 10%w 80%m
90' OCWM
5%o 25%w 70%m
Pressures;
ISIP 1085
FSIP 1086
IFP 22-71
FFP 82-117
HSH 2418-2368

