



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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1153789

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

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

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
---	--	--

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6617

Date	4-25-13	Sec.	7	Twp.	23	Range	11	County	Stafford	State	Ks	On Location		Finish	9:00 pm
------	---------	------	---	------	----	-------	----	--------	----------	-------	----	-------------	--	--------	---------

Lease ~~State~~ Space Location Ike + Jo's - 7S, 1E, 1/2N, E1S

Contractor	Southwind #4	Well No.	1	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
------------	--------------	----------	---	-------	--

Type Job	Surface	Charge To	Pauley oil
----------	---------	-----------	------------

Hole Size	12 1/4"	T.D.	348'	Street	
Csg.	8 5/8"	Depth	348'	City	State

Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.	15'	Shoe Joint	15'	Cement Amount Ordered	375 SX Common 3% CC

Meas Line		Displace	21 BLS	2 1/2 Gel	1/2# Flo-seal
-----------	--	----------	--------	-----------	---------------

EQUIPMENT			Common	375	
Pumptrk	15	No. Cementer Helper	Nick	Poz. Mix	
Bulktrk	4	No. Driver	Doug	Gel.	7
Bulktrk	p.u.	No. Driver	Rick	Calcium	14

JOB SERVICES & REMARKS			Hulls
Remarks:	Cement did	Circulate.	Salt

Rat Hole		Flowseal	93#
Mouse Hole		Kol-Seal	

Centralizers		Mud CLR 48	
Baskets	1 on Last Joint	CFL-117 or CD110 CAF 38	

D/V or Port Collar		Sand	
		Handling	386

Space #1		Mileage	
----------	--	---------	--

FLOAT EQUIPMENT		
		Guide Shoe

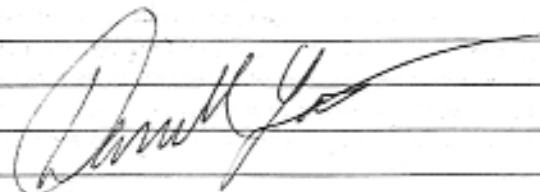
		Centralizer	
		Baskets	1

		AFU Inserts
		Float Shoe

		Latch Down
--	--	------------

		Pumptrk Charge	Surface
--	--	----------------	---------

		Mileage	33
--	--	---------	----

<input checked="" type="checkbox"/> Signature 	Tax	
	Discount	
	Total Charge	

QUALITY OILWELL CEMENTING, INC.


Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6828

Date: 5-2-13	Sec. 7	Twp. 23	Range 11	County Stafford	State KS	On Location 3.00 AM	Finish 10.00 AM
Lease Space				Well No. 1	Owner Slap Sign IE 1/2 N F into		
Contractor Southard 4				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Type Job pipe job				Charge To Panley Oil			
Hole Size 7 7/8		T.D. 3684		Street Panley Oil			
Csg. 5 1/2		Depth 3671.19		City _____ State _____			
Tbg. Size _____		Depth 37'		The above was done to satisfaction and supervision of owner agent or contractor.			
Tool _____		Depth 3671.19		Cement Amount Ordered 185 10% Salt + 5%			
Cement Left in Csg. 43.27		Shoe Joint 43.27		Meas Line _____ Displace 86.3/4 BBL Gilsonite			
EQUIPMENT				Common			
Pumptrk 5	No. _____	Cementer Matt	Poz. Mix				
Bulktrk 3	No. _____	Driver Brett	Gel.				
Bulktrk pu	No. _____	Driver Doug	Calcium				
JOB SERVICES & REMARKS				Hulls			
Remarks:				Salt 16			
Rat Hole 30 5/45				Flowseal			
Mouse Hole _____				Kol-Seal 925#			
Centralizers 1, 3, 7, 9, 11, 13, 15, 17, 19, 21, 23				Mud CLR 48 500 Gal			
Baskets 2, 5				CFL-117 or CD110 CAF 38			
D/V or Port Collar _____				Sand			
Dropped Bull Circulated				Handling 210			
45 min run flush plugged				Mileage _____			
Rat hole mix 155 5/45				FLOAT EQUIPMENT			
down hole Displace 86.3/4 BBL				Guide Shoe			
with lift pressure at 9.00 psi				Centralizer turbos 5, 12-5 1/2			
plug landed at 1500 psi				Baskets 2-5 1/2			
				AFU Inserts 5 1/2 1			
				Float Shoe			
				Latch Down 5 1/2 1			
				Pumptrk Charge prod long string			
				Mileage 33			
				Tax _____			
				Discount _____			
				Total Charge _____			

X Signature 



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Pauley Oil
314 5th St.
Claflin KS 67525
ATTN: Kurt Talbott

7-23s-11w Stafford, KS
Spare #1
Job Ticket: 50972 DST#: 2
Test Start: 2013.05.01 @ 10:31:25

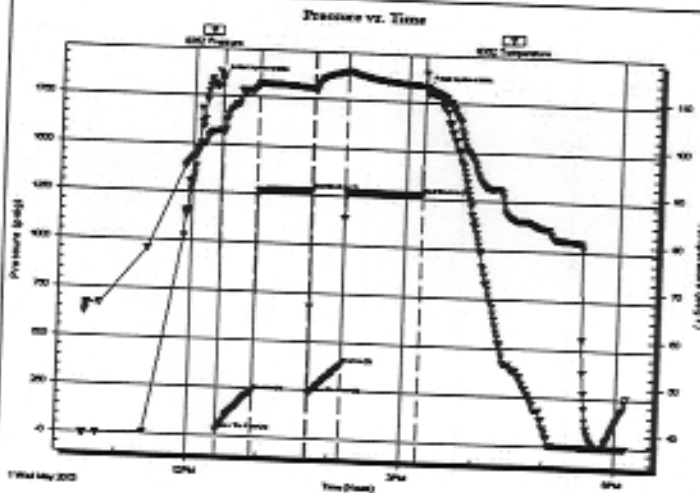
GENERAL INFORMATION:

Formation: 3684
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:25:25
Time Test Ended: 18:09:25
Interval: 3627.00 ft (KB) To 3684.00 ft (KB) (TVD)
Total Depth: 3684.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

Test Type: Conventional Bottom Hole (Reset)
Tester: Gary Revoteaux
Unit No: 56
Reference Elevations: 1834.00 ft (KB)
1827.00 ft (CF)
KB to GRICF: 7.00 ft

Serial #: 8352 Inside
Press@RunDepth: 382.84 psig @ 3628.00 ft (KB)
Start Date: 2013.05.01 End Date: 2013.05.01
Start Time: 10:31:30 End Time: 18:09:24
Capacity: 8000.00 psig
Last Calib.: 2013.05.01
Time On Blm: 2013.05.01 @ 12:23:40
Time Off Blm: 2013.05.01 @ 15:15:10

TEST COMMENT: F: Strong blow . B.O.B. in 5 mins.
IS: No blow.
FF: Fair to strong blow . B.O.B. in 13 mins.
FS: No blow.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1840.11	101.96	Initial Hydro-static
2	28.50	101.24	Open To Flow (1)
32	232.53	111.61	Shut-in(1)
78	1274.23	111.38	End Shut-in(1)
79	229.85	111.07	Open To Flow (2)
106	382.84	115.08	Shut-in(2)
171	1273.95	112.67	End Shut-in(2)
172	1816.75	112.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Clean oil	0.28
185.00	GOCWM 16%g 16%o 23%w 45%m	2.60
250.00	OOCWM 16%o 42%w 42%m	3.51
125.00	OOCMW 15%o 14%m 71%w	1.75
250.00	SOCMW 2%o 4%m 94%w	3.51

* Recovery from multiple tests

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 50972

Printed: 2013.05.08 @ 16:51:29

13.8% oil

11.6%



Musgrove

**PETROLEUM
CORPORATION**
Clifton, Kansas

Geologist's Report

Company: Pauley Oil

Lease: Spare #1

Field: Brock

Location: SE-NW-NW-SW (2180' FSL & 620' FL)

Sec: 7 Twsp: 23S Rge: 11W

County: Stafford State: Kansas

GL: 1827' KB: 1834'

Contractor: Southwind Drilling Company Rig #4

Spud: 4-25-13 Comp: 5-1-13

RTD: 3684' LTD: none

Mud Up: 2800' Type Mud: Chemical/Displaced

Samples Saved From: 2900 to RTD

Drilling Time Kept From: 2900 to RTD

Samples Examined From: 2900 to RTD

Geological Supervision From: 3150 to RTD

Geologist on Well: K. Talbott

Surface Casing: 8 5/8" @ 351'

Production Casing: 5 1/2" set and cemented

Pauley Oil					Paulery Oil		
FSI #5					Spare		
SE-SE-NW-NW Sec. 7-T23S-11W					SE-NW-NW-SW Sec. 7-T23S-R11W		
KB	1835				1834		
Formation	Sample	Sub-sea	E-Log	Sub-Sea	Sample	Sub-sea	
Anhydrite			708	1127		1834	
Base Anhy.			729	1106		1834	
Heebner	3130	-1295	3132	-1297	3133	-1299	
Toronto	3150	-1315	3147	-1312	3153	-1319	
Brown Lime	3271	-1436	3270	-1435	3278	-1444	
Lansing	3298	-1463	3285	-1450	3302	-1468	
Viola	3592	-1757	3591	-1756	3595	-1761	
Simpson	3625	-1790	3624	-1789	3628	-1793	

Simpson	3625	-1790	3624	1789	3624	-1790
Arbuckle	3678	-1843	3680	-1845	3679	-1845

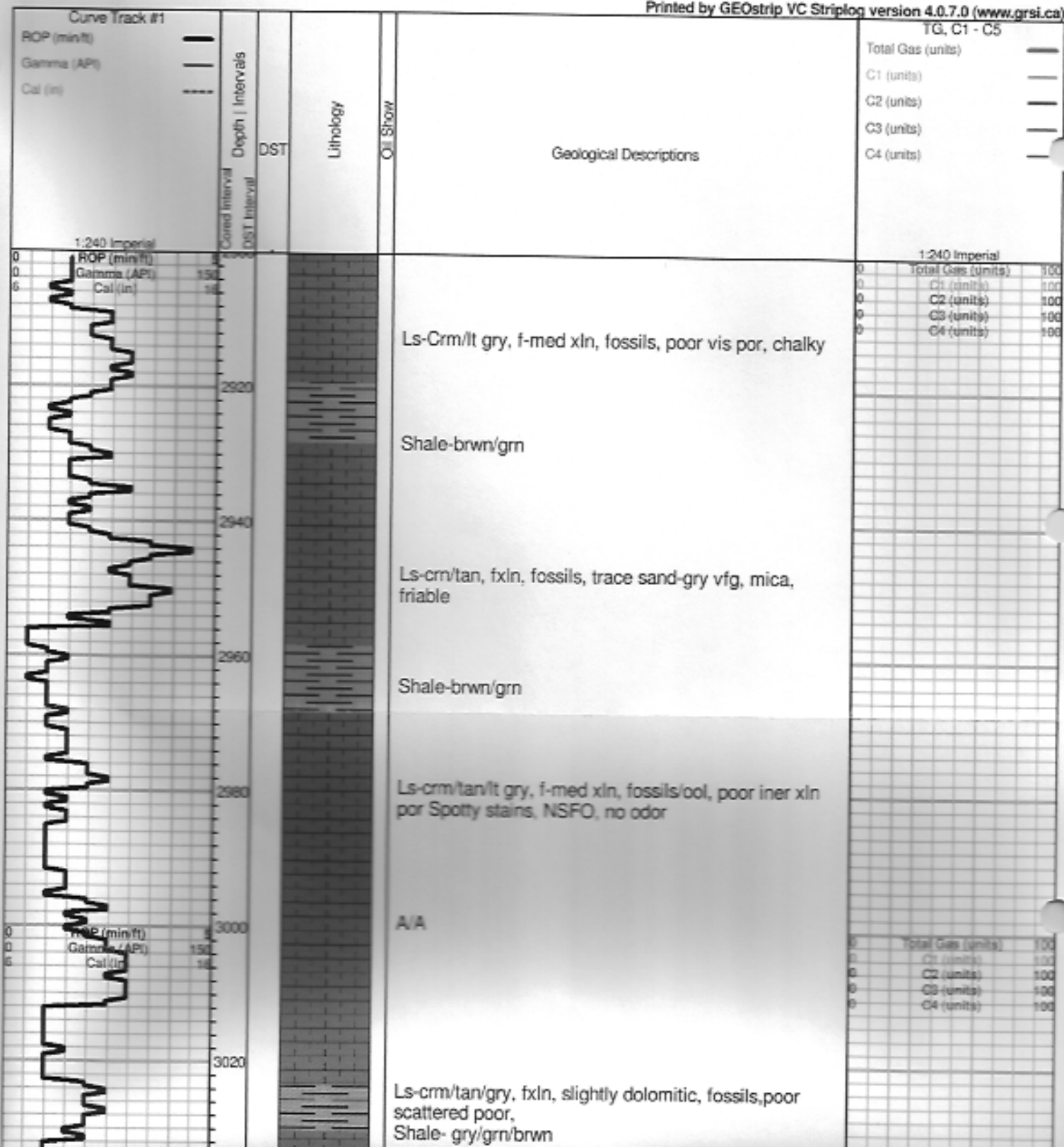
ROCK TYPES

Cht	Lmst fwc7	shale, gry	Shool
Dolprim	shale, grn	Carbon Sh	Ss

OTHER SYMBOLS

- DST
 DST Int
 DST alt

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



Ls-crm/tan/gry, fxln, slightly dolomitic, fossils, poor scattered poor,
Shale- gry/grn/brwn

3040

Ls-crm/lt gry, f-med xln, poor iner xln to finely vug por, fossils/ool, chalky

3060

A/A

3080

A/A Dense, Cherty

3100

Ls-gry/tan, f-med xln, slightly dolomitic, por iner xln por, chalky, cherty,
Shale-grn/brwn

3120

Heebner 3133.0 (-1299.0) 0.0

Black Carbon Shale

3140

Shale-brn/gry

3160

Toronto 3153.0 (-1319.0) 0.0

Ls-crm/tan, fxln, ool/fossils, poor iner part. por, chalky, dense

3180

Douglas 3168.0 (-1334.0) 0.0

Shale-brwn/gry/grn, slightly silty

3180

A/A

3200

Trace Sand-Fine to vf grained, friable, mica, glauc, poor iner gran por,

3220

Shale- Brown/gry/grn

3240

Total Gas Limit	100
Cl (units)	100
Cl (units)	100
Cl (units)	100
Cl (units)	100

3240
3260
3280
3300
3320
3340
3360
3380
3400
3420
3440

Shale- Brown/gry/grn

A/A slightly silty, pyrite

Brown Lime 3278.0 (-1444.0) 0.0

Ls-tan/buff/brwn, fxln, dense, few fossils, poor vis por, cherty

Shale-gry/grn

Lansing 3302.0 (-1468.0) 0.0

Ls-crm/tan/lt gry, fxln, ool/fossils, poor iner xln por, Trace brown stains, broken open SFO, fair dor

Ls-tan/lt gry, fxln, fossils, por ppt to iner xln por, trace brown stains, Broken open TrSFO, Faint odor, cherty

Ls-gry/tan, fxln, fossils, dense, poor vis por, Chert-wht-ool

Ls-gry/tan, fxln, fossils, poor iner xln por, trace dark brwn to blk stains, NSFO, No odor

Ls-wht/lt gry, f-med xln, fossils, poor iner xln poor, chalky, cherty

A/A

Ls-crm/tan, fxln, ool, poor/fair oom por, dark brwn to blk scattered stains, NSFO, no odor, chalky, cherty

Ls-crm/tan, fxln, ool, scattered poor oom por, chalky, cherty

Ls-crm/wht, fxln, ool, scattered oom por, chalky, cherty

DST #1 3281-3338
30-45-45-60
IF: BOB in 12 min
No return

Recovery:
1450' Gas In Pipe
35' Drilling Mud

Pressures:
ISIP 551 psi
FSIP 559 psi
IFP 18-15 psi
FFP 13-15 psi
HSH 1599-1581 psi

Res (in)(1)
Gas (API)
Cal (in)

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

Ls-crm/wht, fxln, ool, scattered oom por, chalky, cherty

Ls-crm/tan, fxln, ool, poor iner ool to iner xln por, trace dark brwn stains, NSFO, no odor

A/A- Poor iner ool to finely vug por, Trace brwn stains, NSFO

Ls-wht/crm/tan, fxln, ool, poor iner xln to iner ool por, brown stains, NSFO, no odor, chalky,

Ls-crm/wht, fxln, scattered poor, scattered blk asphaltic stains, NSFO, no odor, chalky

A/A

Ls-crmwht/lt gry, fxln, poor vis por, chalky, dense

Ls-crm/wht, fxln, slightly ool, poor ppt to finely vug por, scattered brown stains, TrSFO, No odor, slightly chalky,

Ls-crm/tan, fxln, poor iner xln por, slightly sucrosic, trae dark brown stains, NSFO, no odor

Viola 3595.0 (-1761.0) 0.0

Ls-crm/tan/wht, f-med xln, fossils, poor to fair ppt to iner xln por, golden brown to dark brown stains, SFO, gas bubbles, faint odor

A/A Chert-wht/crm, semi-trip, golden to dark brown stians, SFO, odor,

Simpson Shale 3624.0 (-1790.0) 0.0

Shale-brown/gry/grn, firm

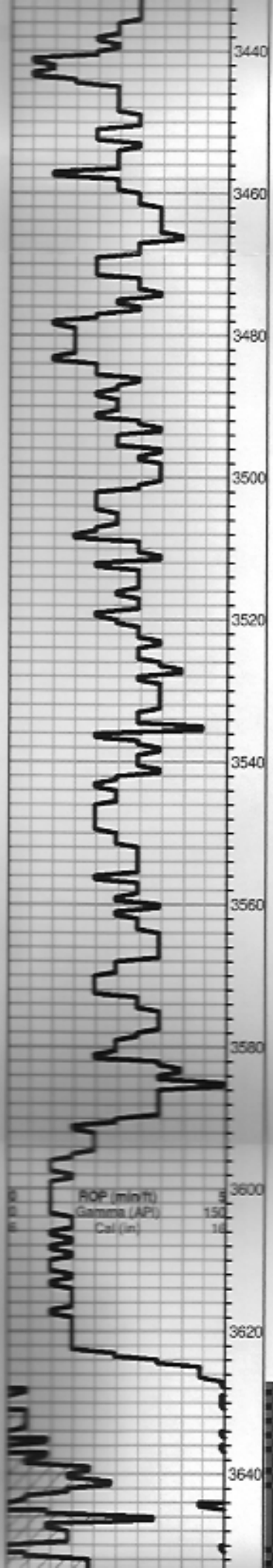
Sand- gry/greenish, very fine to fin grained, sub round, iner gran por, dark brwon to black asphaltic stains.

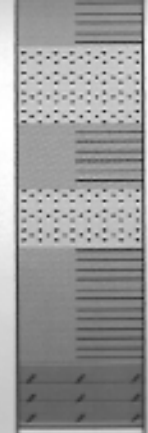
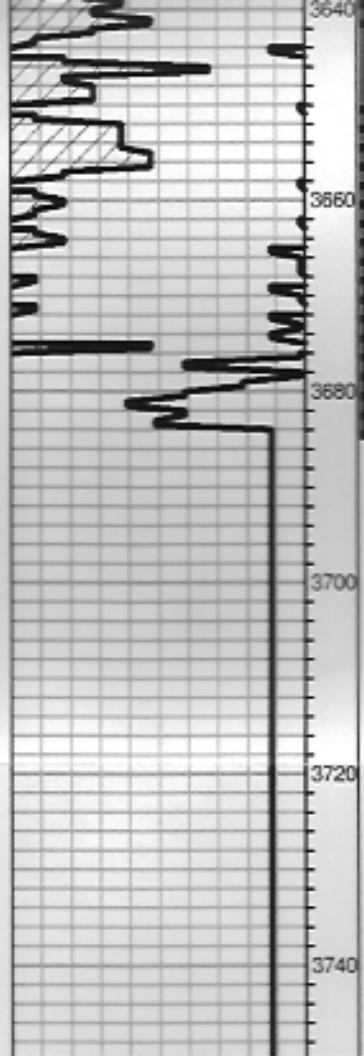
0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

DST #2 3627-3684
30-45-30-60

IF: BOB 5 min
No return

Recovery:
20' Clean Oil
185' GOCWM
(16%g 16%o 23%w 45% m)





Sand- gry/greenish, very fine to fin grained, sub round, iner gran por, dark brwon to black asphaltic stains, NSFO, no odor

Trace sand A/A, Shale- mar/green firm
Chert-peach/boney wht

Arbuckle 3679.0 (-1845.0) 0.0

Dol-crm/tan, f-med rhomb xln, fair/good iner xln to finely vug por, godlen brown stains, slightly sat, SFO, good odor

Recovery:
20' Clean Oil
185' GOCWM
(16%g 16%o 23%w 45%
m)
250' OCWM
(15%o 42%w 42%
m)
125' OCMW
(15%o 4%
m 94%
w)
250 SOCMW
(2%o 4%
m 94%
w)

Pressures:
ISIP 1274 psi
FSIP 1274 psi
IFP 29-233 psi
FFP 230-383 psi
HSH 1840-1817 psi

3640
3660
3680
3700
3720
3740