

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1240644
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: _____

1240644

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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: 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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Derstein 3-34
Doc ID	1240644

All Electric Logs Run

Dual Induction
Density - Neutron
Micro-log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Derstein 3-34
Doc ID	1240644

Tops

Name	Top	Datum
Heebner Shale	4212	(-1752)
Brown Limestone	4338	(-1878)
Stark Shale	4688	(-2228)
Pawnee	4892	(-2432)
Cherokee Shale	4938	(-2478)
Base Penn Limestone	5036	(-2576)
Morrow Sand	5045	(-2585)
Morrow Sand	5068	(-2608)
Mississippian	5108	(-2648)
RTD	5175	(-2715)

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Derstein 3-34
Doc ID	1240644

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	5044' to 5048'	Perf; no entry, ran tubing, A/500 gal 10% MCA, swb load, swab 5 bbl w/ tr oil / hrs;	
		A/ 1000 gal 10% MCA, swab load, swab .75 bbl/hr all water. Loaded csg with 20 bbls,	
4	5067' to 5069'	Perf 5067' to 5069', ran swab, swab .87 bbl / hr with oil cut inc to 50%; swab 5 hrs with	
		final rate of 1.75 bbl / hr w/ tr oil; A/ 250 gal 10% MCA, SDFN; Swab back load, SD for 30";	
		ran in found FL 150' above perfs, mostly oil, swab with decreasing fld level, loaded csg,	
4	5069' to 5071'	Perf 5069' to 5071'; ran tubing to 4060', swab 19 bbls / hr with oil cut falling from 79% to 8% in	
		in 4 hrs. SD	

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Derstein 3-34
Doc ID	1240644

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
6	5044' to 5048	Pulled tubing and set CIBP at 5060', re-perf 5044' to 5048' for gas gun, ran gas gun frac treatment over perfs; ran swab;	
		swab water w/ show of oil, SDFN; FI @ 3680'; swab water w/ show of oil, fluid dried up;	
		A/ 750 gal 19% NE-FE, ran swab, swab 5 hrs with final rate of 10 bbls / hr all water, SDFN;	
		FL at 4460', swab 9 bbls water/ hr, swab dry, rig down, non-commercial. Filed for TA Status	
		while waiting on plugging contractor	

QUALITY WELL SERVICE, INC.

6239

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Office 620-727-3410
Fax 620-672-3663

Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

Date	10-02-14	Sec.	34	Twp.	27s	Range	23w	County	Ford	State	KS	On Location	4:30 AM	Finish	9:30 AM																
Lease	DeArstein		Well No.	3-34		Location Ford KS, 1/4 N, 3w, N/170																									
Contractor								Dulce #1								Owner				Vincent											
Type Job								Surface								To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.															
Hole Size								12 1/4								T.D.				655											
Csg.								8 5/8								Depth				655											
Tbg. Size																Depth															
Tool																Depth															
Cement Left in Csg.								43'								Shoe Joint				42.60											
Meas Line																Displace				39 1/4 BBLs Fresh											
EQUIPMENT																															
Pumptrk								8								No.				Mike B											
Bulktrk								9								No.				David F											
Bulktrk								10								No.				David B											
Pickup																No.															
																Common				125											
																Rez. Mix				125 MDC											
																Gel.				11											
																Calcium				10											
JOB SERVICES & REMARKS																															
Rat Hole																Hulls															
Mouse Hole																Salt															
Centralizers																Flowseal				66.25											
Baskets																Kol-Seal															
D/V or Port Collar								Ran 15jts 8 7/8 csg								Mud CLR 48				CFL-117 or CD110 CAF 38											
Pipe on BHM, Break Circ, Pump Spacers																Sand															
Mix lite weight, mix tail cement, stop																Handling				271											
Release Plug start Disp. w/ Fresh H ₂ O,																Mileage				50											
See Steady increase in PSI, Slow Rate,																FLOAT EQUIPMENT															
Bump Plug at 39 1/4 BBLs total																Guide Shoe															
From 200 # to 500 #																Centralizer															
Shut-in - Cement Did Circ.																Baskets															
																AFU Inserts															
																Float Shoe				Service Supervisor											
																Latch Down				LMV 50											
																1-WCP				8 5/8											
																8 5/8 Raffle Plate															
																Pumptrk Charge				Surface											
																Mileage				50 x 2											
																Tax															
																Discount															
																Total Charge															
X Signature								Mike Goddard																							

QUALITY WELL SERVICE, INC.

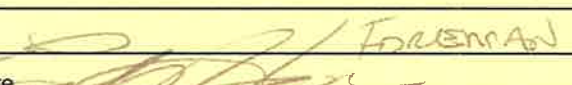
6246

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Office 620-727-3410
Fax 620-672-3663

Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

Date	10-11-14	Sec.	34	Twp.	27s	Range	23w	County	Ford	State	KS	On Location	10:30AM	Finish	230PM	
Lease	Derkstein		Well No.	3-34		Location Ford, KS, 1/4N, 3w, n/11th										
Contractor	Duke #1							Owner	Vincent							
Type Job	Production Casing							To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Hole Size	7 7/8		T.D.	5175'												
Csg.	5 1/2		14 #	Depth	5175'											
Tbg. Size				Depth												
Tool				Depth												
Cement Left in Csg.	42'		Shoe Joint	42												
Meas Line				Displace	1 25/4 BBLs 2% KCL											
EQUIPMENT								10% salt \$ 500 gal Mud Flush + 10 gals KCL								
Pumptrk	8	No.	Mike B		Common 225sx Pro C											
Bulktrk	9	No.	David B		Poz. Mix											
Bulktrk		No.			Gel. 4											
Pickup		No.	David F.		Calcium											
JOB SERVICES & REMARKS								Hulls								
Rat Hole	30sx		Salt 24													
Mouse Hole	20sx		Flowseal													
Centralizers	Kol-Seal 1125 #															
Baskets	Mud CLR 48 500 Gal															
D/V or Port Collar	CFL-117 or CD110 CAF 38 CC-1 10 Gal															
Pipe on B Hm, Break Circ., Pump 500 gals mud flush, Plug Lat & Mouse Holes w/ 50sx cement, Mix 175sx Pro C cement Blend.								Sand								
stop. Wash up truck, Release Plug, Start Disp. w/ 2% KCL water, See Steady increase in Lft PSI, Slow Rate								Handling 253								
Bump Plug at 125/4 BBLs total D'isp. Release PSI, Float Did Hold								Mileage 50								
								FLOAT EQUIPMENT								
								Guide Shoe 1 5/8"								
								Centralizer 6" 5/8"								
								Baskets								
								AFU Inserts 1 5/8"								
								Float Shoe								
								Latch Down Service, Supervisor								
								1-TRP 5/8"								
								LMV 50								
								Pumptrk Charge Long string								
								Mileage 50 x 2								
								Tax								
								Discount								
								Total Charge								
Signature 																



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Vincent Oil Corporation

34-27S-23W Ford

155 N Market Ste 700
Wichita, KS 67202

Derstein 3-34

Job Ticket: 57770

DST#: 1

ATTN: Jim Hall

Test Start: 2014.10.08 @ 21:13:52

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:21:37

Time Test Ended: 07:05:07

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

Interval: 5030.00 ft (KB) To 5062.00 ft (KB) (TVD)

Reference Elevations: 2460.00 ft (KB)

Total Depth: 5062.00 ft (KB) (TVD)

2448.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 6798

Inside

Press@RunDepth: 39.82 psig @ 5031.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.08

End Date:

2014.10.09

Last Calib.:

2014.10.09

Start Time: 21:13:53

End Time:

07:05:07

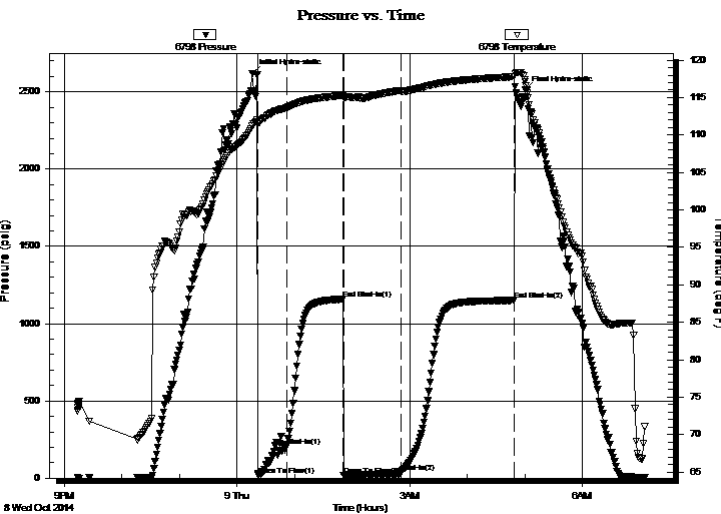
Time On Btm:

2014.10.09 @ 00:15:52

Time Off Btm:

2014.10.09 @ 05:00:07

TEST COMMENT: IF: Weak Blow Built to 1/8 inch
IS: No Blow Back
FF: Weak Blow BOB in 39 minutes
FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2620.44	111.21	Initial Hydro-static
6	21.43	111.49	Open To Flow (1)
36	207.76	113.65	Shut-In(1)
95	1158.27	115.29	End Shut-In(1)
95	19.81	114.98	Open To Flow (2)
155	39.82	115.90	Shut-In(2)
273	1151.20	117.80	End Shut-In(2)
285	2511.30	117.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 40% O 60% M	0.42

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

34-27S-23W Ford

155 N Market Ste 700
Wichita, KS 67202

Derstein 3-34

Job Ticket: 57770

DST#: 1

ATTN: Jim Hall

Test Start: 2014.10.08 @ 21:13:52

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8200.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM 40%O 60%M	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

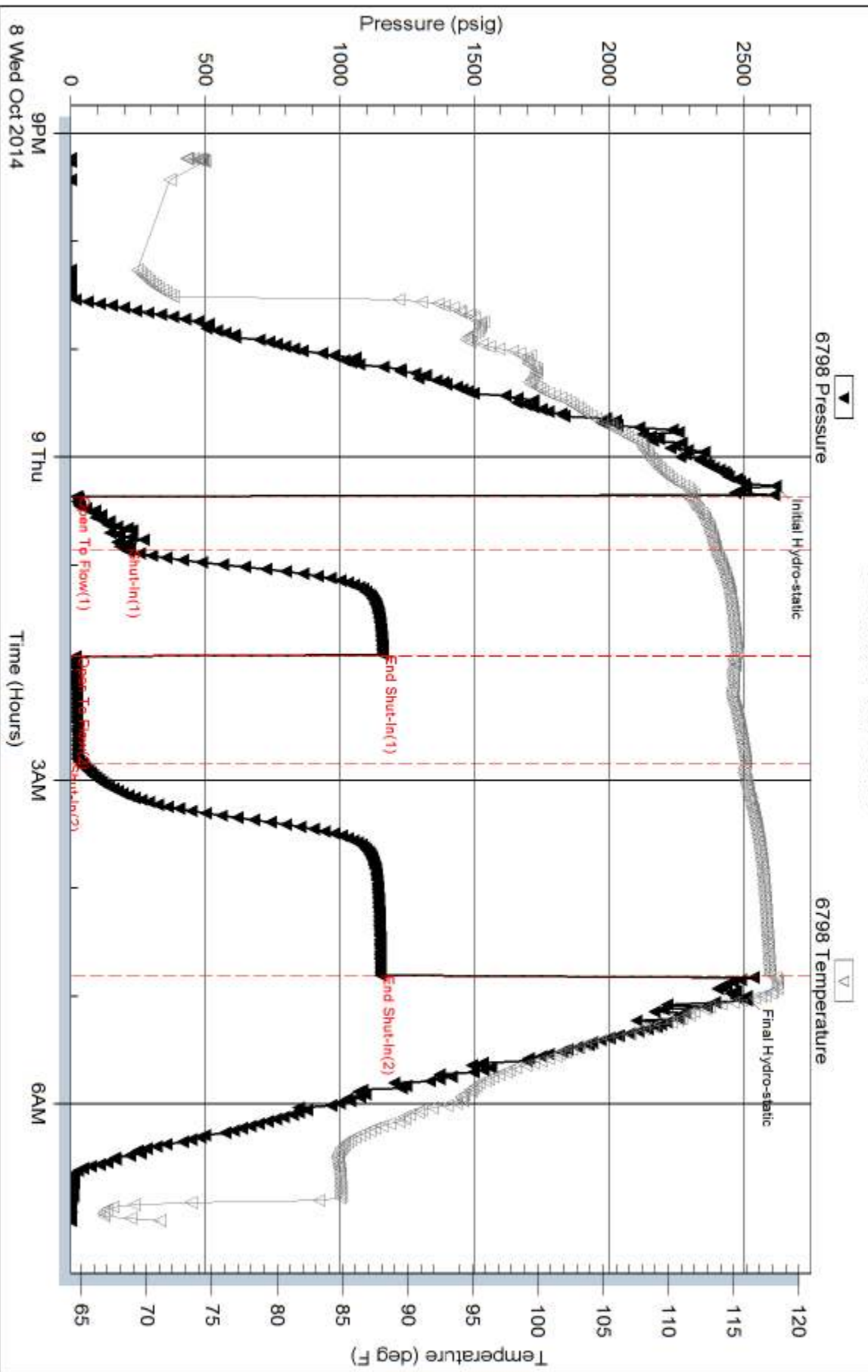
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corporation
 155 N Market Ste 700
 Wichita, KS 67202
 ATTN: Jim Hall

34-27S-23W Ford
Derstein 3-34
 Job Ticket: 57771 **DST#: 2**
 Test Start: 2014.10.09 @ 15:13:00

GENERAL INFORMATION:

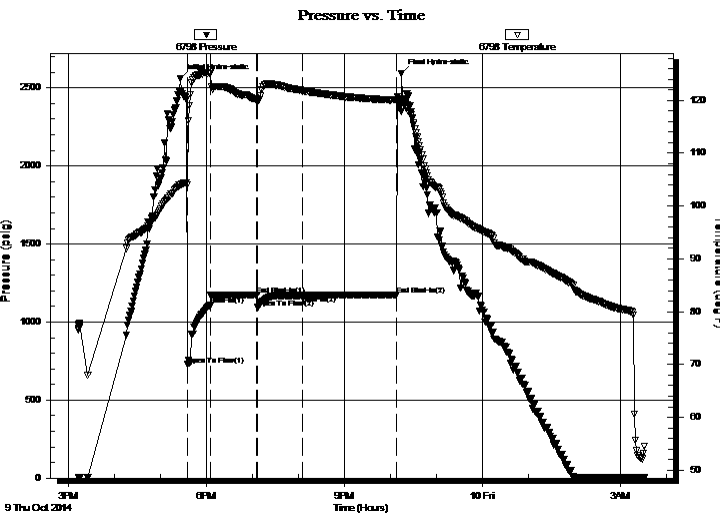
Formation: **Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:34:45
 Time Test Ended: 03:31:42
 Interval: **5028.00 ft (KB) To 5070.00 ft (KB) (TVD)**
 Total Depth: 5070.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 2460.00 ft (KB)
 2448.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 6798

Inside

Press @ Run Depth: 1170.85 psig @ 5029.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.10.09 End Date: 2014.10.10 Last Calib.: 2014.10.10
 Start Time: 15:13:01 End Time: 03:31:42 Time On Btm: 2014.10.09 @ 17:25:45
 Time Off Btm: 2014.10.09 @ 22:14:00

TEST COMMENT: IF: Strong Blow , BOB in 30 seconds
 IS: Blow Back Built to BOB in 12 minutes
 FF: Strong Blow , BOB in 90 seconds, GTS in 27 minutes, TSTM, Caught Sample
 FS: 1/2 inch Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2558.99	104.08	Initial Hydro-static
9	726.63	104.05	Open To Flow (1)
39	1106.47	125.10	Shut-In(1)
100	1173.66	120.19	End Shut-In(1)
101	1091.73	120.13	Open To Flow (2)
160	1170.85	121.85	Shut-In(2)
283	1171.82	120.10	End Shut-In(2)
289	2593.78	120.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	2060 GIP	0.00
62.00	SOCW 5%O 95%W	0.87
310.00	MOCW 5%M 10%O 85%W	4.35
186.00	GWMCO 10%G 20%W 20%M 50%O	2.61
2418.00	GCO 10%G 90%O	33.92

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

34-27S-23W Ford

155 N Market Ste 700
Wichita, KS 67202

Derstein 3-34

Job Ticket: 57771

DST#: 2

ATTN: Jim Hall

Test Start: 2014.10.09 @ 15:13:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29.4 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

65000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8200.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	2060 GIP	0.000
62.00	SOCW 5%O 95%W	0.870
310.00	MOCW 5%M 10%O 85%W	4.348
186.00	GWMCO 10%G 20%W 20%M 50%O	2.609
2418.00	GCO 10%G 90%O	33.918

Total Length: 2976.00 ft Total Volume: 41.745 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity w as 30.4@ 70 degrees
RW w as .15 @ 55 degrees

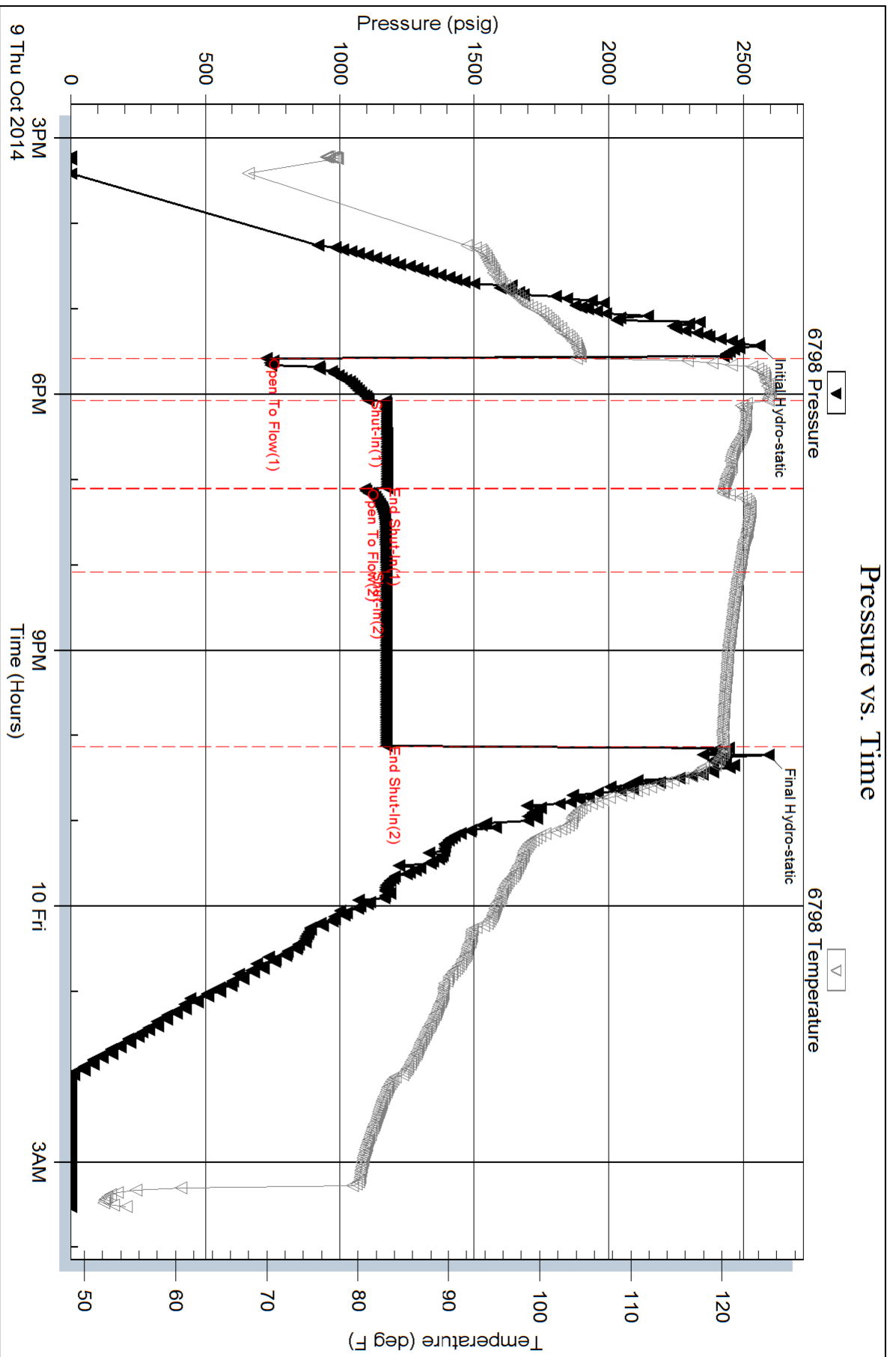
Serial #: 6798

Inside

Vincent Oil Corporation

Dersten 3-34

DST Test Number: 2

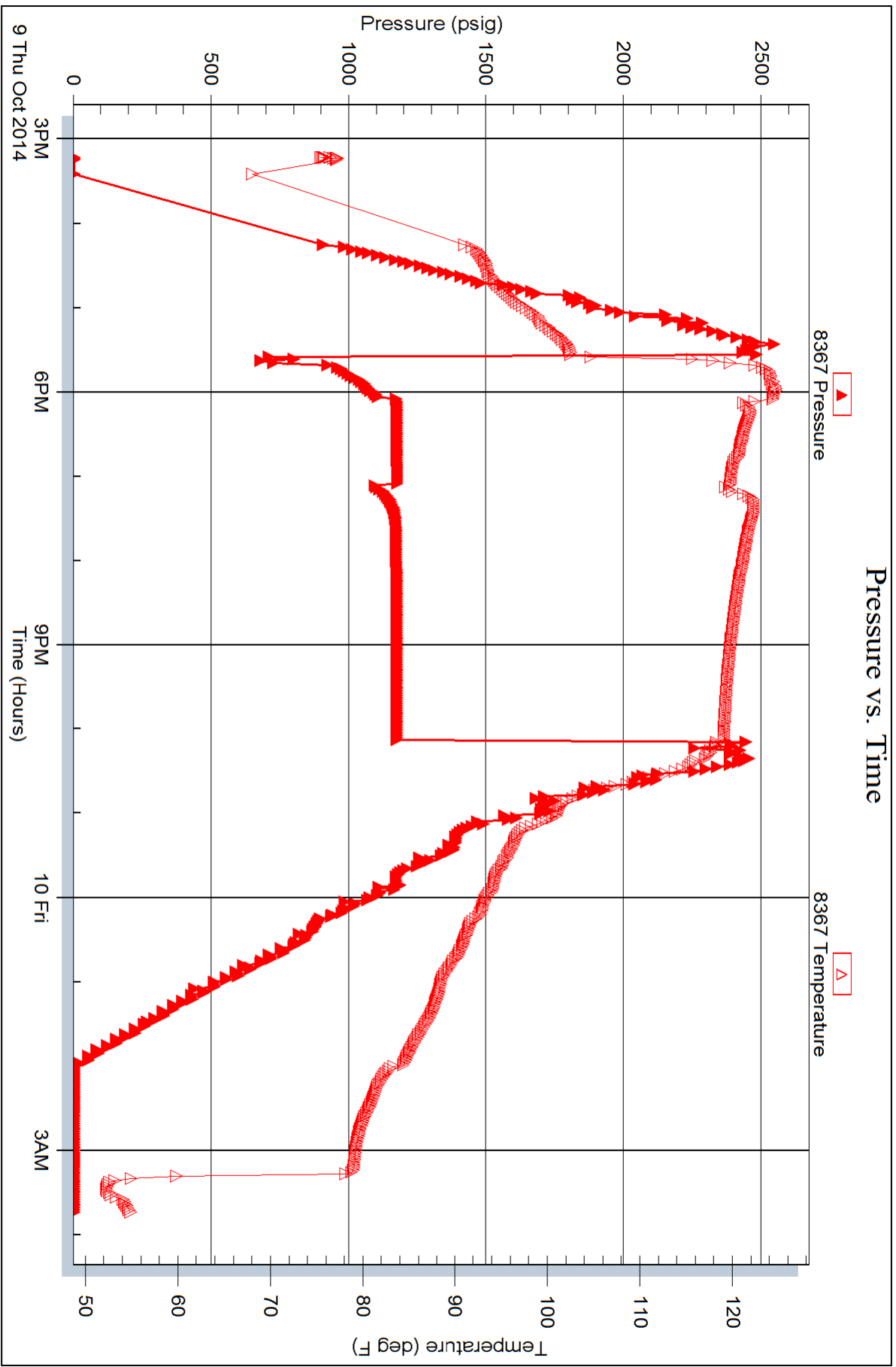


Serial #: 8367

Outside Vincent Oil Corporation

Dersten 3-34

DST Test Number: 2



LITHOLOGY STRIP LOG

WellSight Systems

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: VINCENT OIL CORP. DERSTEIN #3-34

API: 15-057-20942-00-00

Location: SE,SE,NE,SW SEC. 34, T 27S, R 23W, FORD CO. KS.

License Number: 15-057-20942-00-00

Region: STEEL SOUTH

Spud Date: October 1st, 2014

Drilling Completed: October 10th 2014

Surface Coordinates: 1,390' FSL, 2,400' FWL

Bottom Hole

Coordinates:

Ground Elevation (ft): 2,448'

K.B. Elevation (ft): 2,460'

Logged Interval (ft): 4,100' To: 5,175'

Total Depth (ft): 5,175'

Formation: Mississippi

Type of Drilling Fluid: NATIVE MUD TO 3,787'. CHEMICAL GEL TO RTD

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: VINCENT OIL CORP.

Address: 155 N. MARKET STE 700

WICHITA, KANSAS 67202-1821

OFFICE; 316-262-3573

GEOLOGIST

Name: Jame R. Hall Well Site Supervision

Company: Black Gold Petroleum

Address: 5530 N. Sedgwick

Wichita, Kansas 67204-1828

316-838-2574

Comments

Drilling contractor: Duke Drilling, Rig #1, Tool Pusher; Mike Godfrey.

Surface Casing: 8 5/8" set at 653' w/250sx, cement.

Daily Activity: @07:00 hrs.

10/01/14; Moving on and spud @ 18:15 hrs.

10/02/14; 655'. Drilled 12 1/4" hole to 655', preparing to run 8 5/8" surface casing.

10/03/14; 1,414' drilling ahead.

10/04/14; 2,573' drilling ahead.

10/05/14; 3,360' drilling ahead.

10/06/14; 4,164' drilling ahead. Displace native mud for chemical gel system @ 3,787'.

10/07/14; 4,720' drilling ahead. Worked on mud pump at 4,638', commenced building LCM to 2-3# @ 4,655'.

Circulate Pawnee @ 4,910' and bit trip, (strap pipe 2.62' short).

10/08/14; 4,954' drilling ahead.

10/09/14; 5,062' running DST #1 5,030' - 5,062 (32'), Morrow.

10/10/14; 5,070' finishing DST #2 5,028 - 5,070' (42'). Morrow. Drilled to RTD 5,175, and ran open hole logs.

10/11/14; Ran production casing.

Deviation Surveys: 1 deg. @ 655', 1 deg. @ 1,415', 1 deg. @ 1,930', 1 deg. @ 2,466', 1/2 deg. @ 5,062', 0.75 deg. @ 5,175'.

Bit Record:

#1 12 1/4" out @ 655'.

#2 7 7/8" Varel HE 21 in @ 655', out @ 4,910', made 4,255'.

#3 7 7/8" Varel HE 29 RR in @ 4,910', out @ 5,175, made 265'.

Drilling time commenced: @ 4,050'. Maximum 10' wet and dry samples commenced: @ 4,100' to RTD. Samples delivered to Kansas Geological Sample Library at Wichita, Kansas.

Gas Detector: Blue Stem unit #0779. Digital Unit, (commenced @ 4,050').

Mud System: Mud-Co/Service Mud. Chemical Gel system @ 3,787', Mud Engineer: Justen Whitin (Dodge City Office).

Open Hole Logs: , Kansas,

Logging Engineer: Jeff Groneweg.

DIL, CDL/CNL/PE, MEL. detail to 4,050'. SONIC detail to base of surface casing (653').

Sample tops are placed on this strip log, with the reference wells "A" Vincent Derstein #2-34 2,637' FNL, 2,275' FWL 34-T27S-R23W, and "B" Vincent Steele #1-34 330' FSL, 1,880' FEL, 34 -T27S-R23W. E-log tops, datum differences shown.

The gamma ray and caliper have been placed on this Geologic Strip Log. The gamma and caliper were not adjusted to Strip Log depth, therefore they are approximately 2' to 3' deeper than Strip Log depths.

DSTs

DST #1 5,030' - 5,062' (32'), 30-60-60-120, IH 2620, IF 21-208 (weak 1/8" blow), ISI 1158 (no blow), FF 20-40 (weak blow building to BOB in 39min), FSI 1151 (no blow), FH 2511, Rec; 30' OCM (40%oil,60%mud), BHT 118.

DST #2 5,028' - 5,070' (42'), 30-60-60-120, IH 2560, IF 727-1106 (BOB 30sec.), ISI 1174 (BOB 12min), FF 1092-1171 (BOB 90sec., GTS 27min TSTM), FSI 1172 (1/2inch blow), FH 2594, Rec; 2,060' GIP, 2,418' GCO (10%gas,90%oil), 186' GWMCO (10%gas,50%oil,20%water,20%mud), 310' MOCW (10%oil,85%water,5%mud), 62' SOCW (5%oil,95%water), BHT 120, Oil gravity 29.4 API, Rwa 0.15 @ 55F (0.068 @ 120F), Chl 65,000ppm, Chl Mud 6,700ppm.

Serial #: 6798

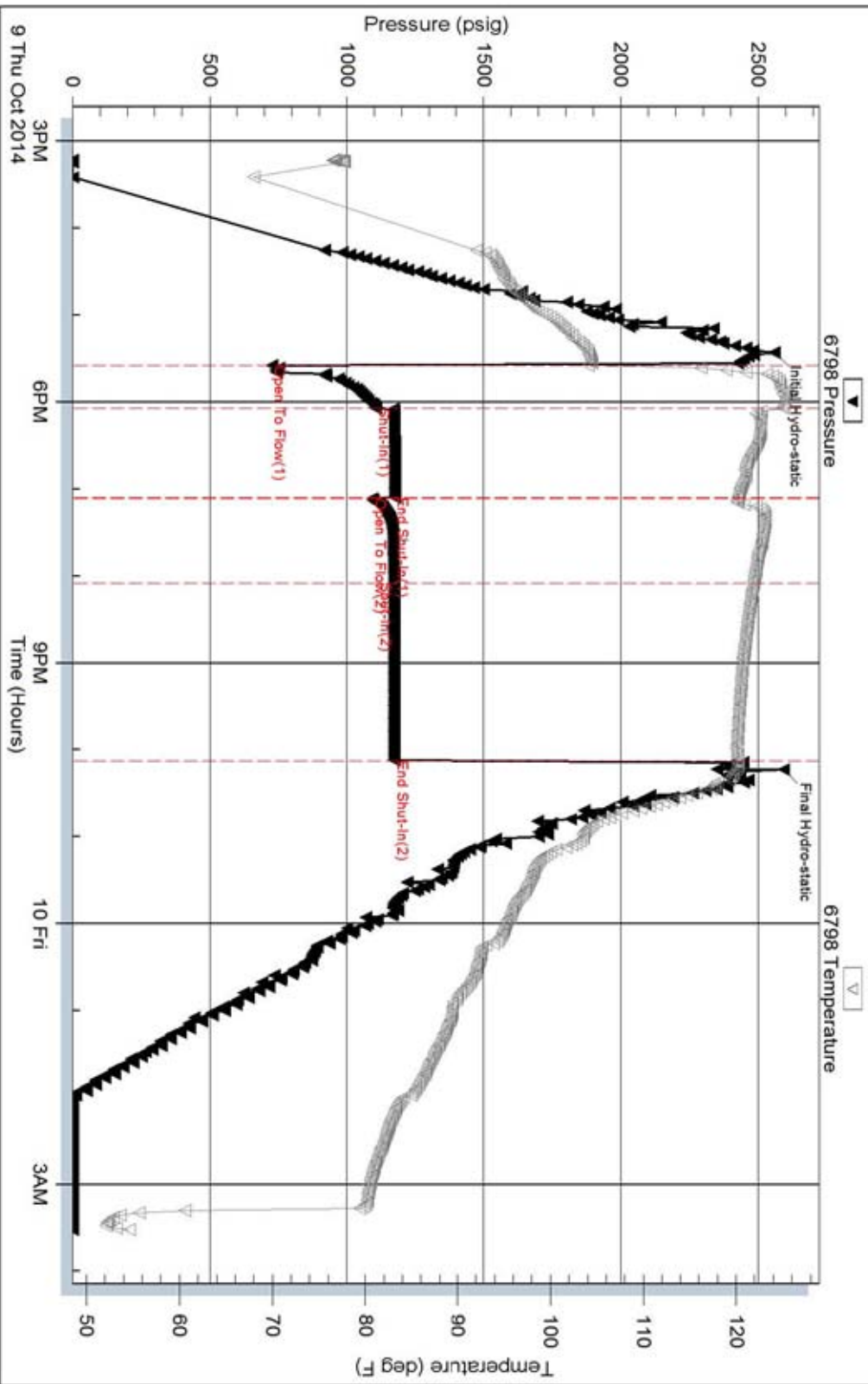
Inside

Vincent Oil Corporation

Dersten 3-34

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 57771

Printed: 2014.10.10 @ 04:50:10

WELL SITE OPERATIONS / JIM HALL SUPERVISOR

OPERATOR:

Vincent Oil Corp.

WELL REFERENCE SHEET

SUBJECT WELL:

Derstein #3-34

SUBJECT WELL LOCATION:

SE SE NE SW 34-27S-23W

SUBJECT WELL DATUM:

2,460

REF. WELL 'A'

Derstein #2-34 NW/4 34-27S-23W

DATUM:

2,455

REF. WELL 'B'

Steele #1-34 SE/4 34-27-23W

DATUM:

2,461

E-LOG TOPS

**SUBJECT WELL:
ZONE**

WELL 'A'

WELL 'B'

	DEPTH	DATUM	DEPTH	DATUM	REF.	DEPTH	DATUM	REF.
HEEB.	4,212	-1,752	4,226	-1,771	19	4,207	-1,746	-6
Brown Ls.	4,338	-1,878	4,351	-1,896	18	4,334	-1,873	-5
Lansing	4,348	-1,888	4,361	-1,906	18	4,343	-1,882	-6
Stark Sh	4,688	-2,228	4,695	-2,240	12	4,684	-2,223	-5
Hushp. Sh	4,734	-2,274	4,740	-2,285	11	4,729	-2,268	-6
Marmaton	4,820	-2,360	4,830	-2,375	15	4,816	-2,355	-5
PAWNEE	4,892	-2,432	4,904	-2,449	17	4,886	-2,425	-7
Labette Sh	4,916	-2,456	4,927	-2,472	16	4,912	-2,451	-5
CKE Sh	4,938	-2,478	4,948	-2,493	15	4,932	-2,471	-7
2nd CKE	4,970	-2,510	4,981	-2,526	16	4,966	-2,505	-5
B/Penn.	5,046	-2,586	5,047	-2,592	16	5,031	-2,570	-6
SAND #1	5,044	-2,584	5,053	-2,598	14	5,047	-2,586	2
SAND #2	5,068	-2,608	5,073	-2,618	10	5,093	-2,632	24
MISS.	5,108	-2,648	5,087	-2,632	-16	5,106	-2,645	-3
1st Por.	5,112	-2,652	5,123	-2,668	16	5,109	-2,648	-4

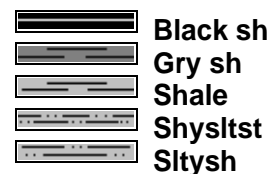
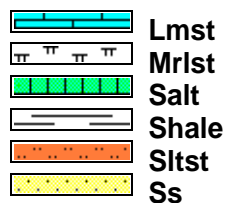
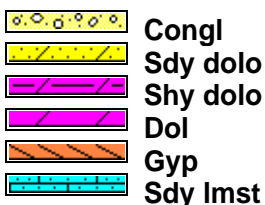
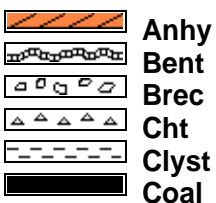
Qualifiers

CARBONATE CLASSIFICATION:

AFTER DUNHAM: GRAIN; any fossil, fossil fragment, sand grain, or other rock fragment within the rock. **MUDSTONE;** muddy carbonate rocks containing less than 10% grains. **WACKESTONE;** mud supported carbonate rocks with more than 10% grains. **PACKSTONE;** grain supported muddy carbonate rocks. **GRAINSTONE;** mud free carbonate rock, grain supported. **BOUNDSTONE;** carbonate rock bound together at deposition (coral, etc.). **CRYSTALLINE CARBONATE;** carbonate rock retaining to little of their depositional texture to be classified.

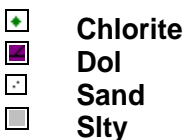
Qualifiers; (Fossils, Minerals, Shows, Porosity, etc.) rare = less than 1% of sample total, trace = less than 5% of sample total, greater than 5% an estimate of total percentage.

ROCK TYPES

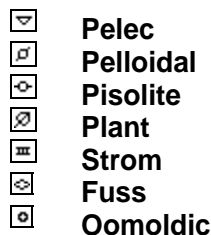
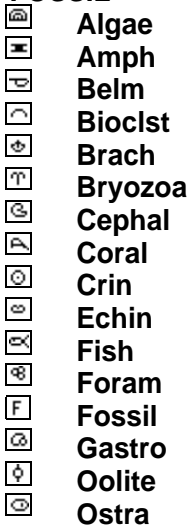


ACCESSORIES

MINERAL



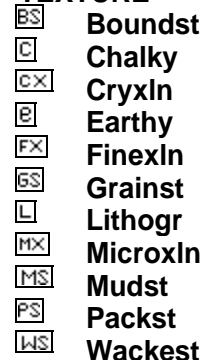
FOSSIL



STRINGER



TEXTURE



Curve Track 1

ROP (min/ft) ———
 Gamma (API) - - - -
 Caliper (API) ·····

TG, C1-C5

TG (units) ———
 C1 (units) - - - -
 C2 (units) ·····
 C3 (units) ·····
 C4 (units) ·····
 C5 (units) ·····

Depth

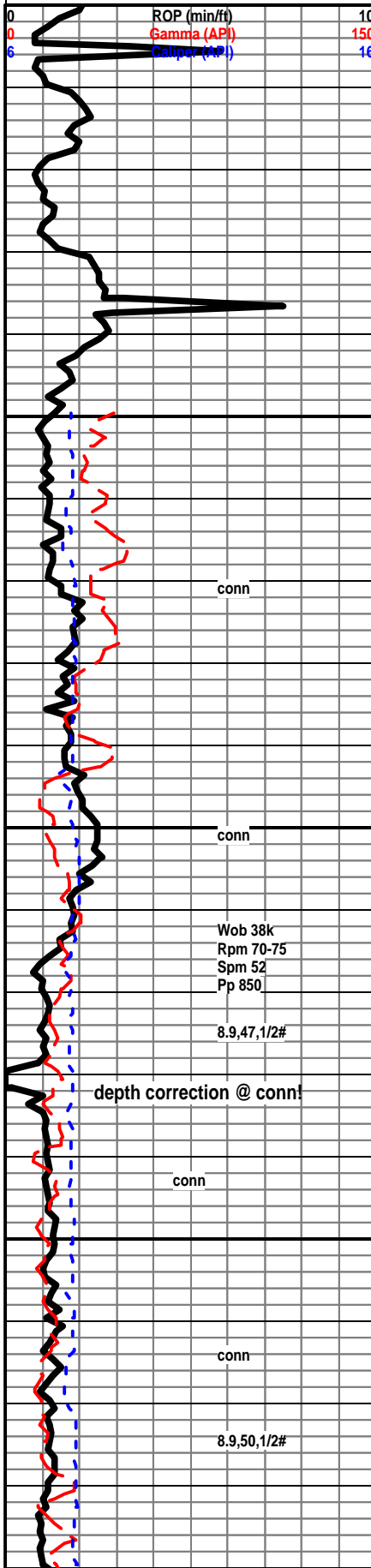
Porosity Type

lithology

Oil Shows

Geological Descriptions

0 ROP (min/ft) 10
 0 Gamma (API) 150
 6 Caliper (API) 16



40

4050

4100

4150

conn

conn

Wob 38k
 Rpm 70-75
 Spm 52
 Pp 850

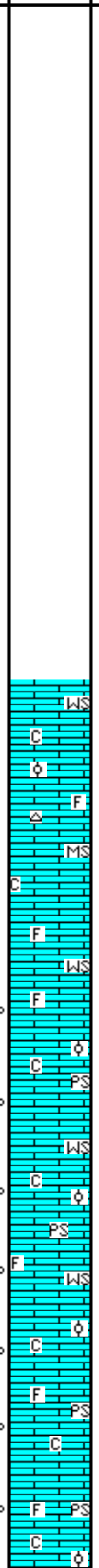
8.9,47,1/2#

depth correction @ conn!

conn

conn

8.9,50,1/2#



COMMENCED DRILLING TIME AT 4,050' AND MAXIMUM 10' SAMPLES AT 4,100'.

Wackestone; cream, hard to firm, micro-oolitic to micro-fossiliferous, most chalky, some gray Wackestone to Mudstone, rare free white chert.

Mudstone; cream to gray, most chalky, micro-fossiliferous, rare light gray free chert, dull mineral fluorescence.

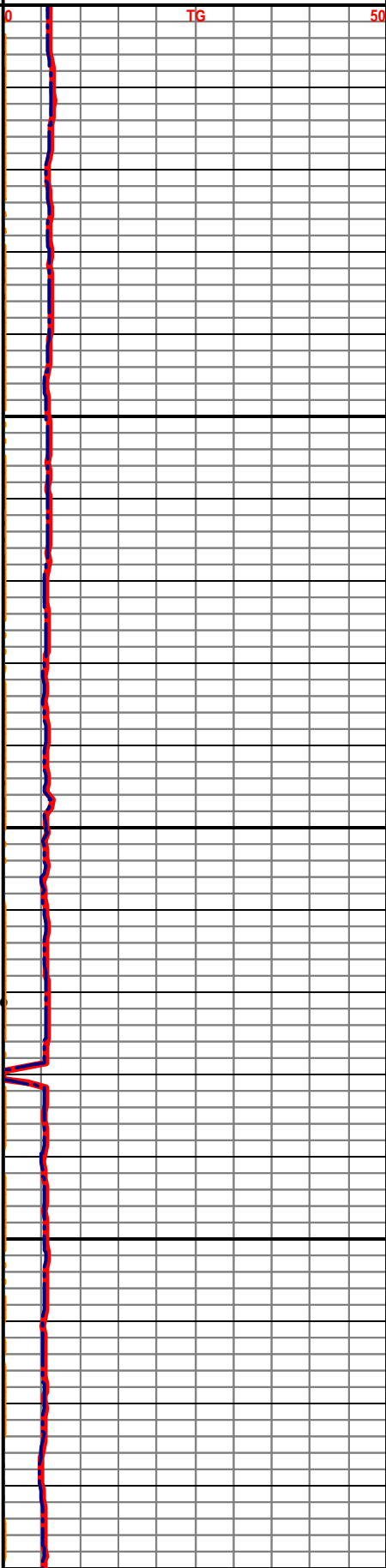
Wackestone to Packstone; cream, hard to firm, micro-oolitic to micro-fossiliferous, most chalky texture, some tan, no live show, rare wormy dark stain, dull mineral fluorescence only-cut, no odor, no visible gas bubbles, rare barren porosity in the dry sample.

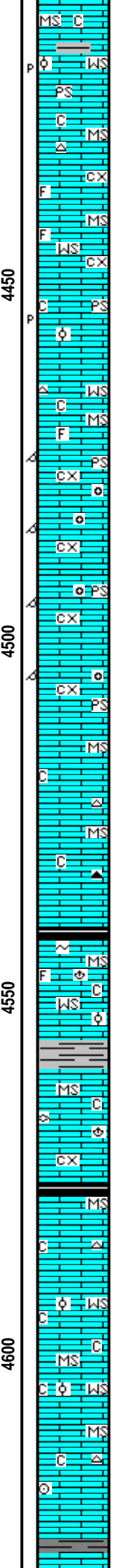
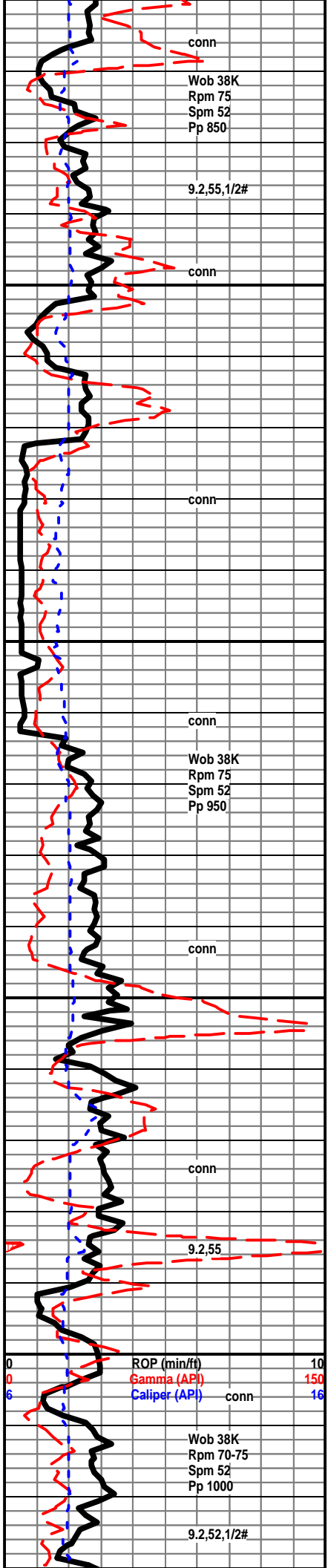
Most as above; some cream to gray Mudstone; chalky to crystalline texture.

Wackestone to Packstone; most cream, some gray hard to firm, micro-oolitic to fossiliferous, most chalky texture, dull mineral fluorescence as above, no show, rare barren porosity in dry.

Packstone; cream, firm to friable, micro-oolitic to micro-fossiliferous, chalky matrix, dull yellow to gold mineral fluorescence only, rare barren porosity in the dry sample.

0 TG 50





Mudstone; brittle to hard, most chalky.

Wackestone to Packstone; most as above, no show in wet or dry.

Mudstone; cream to gray, chalky, some crystalline-silky texture, hard, some micro-fossiliferous, no show.

Wackestone to Mudstone; brown, hard, crystalline, micro-fossiliferous, no show.

Packstone; cream to off white, micro-oolitic to fine oolitic, chalky matrix, no show in wet, trace barren porosity in the dry sample.

Wackestone to Mudstone; cream to buff, hard, chalky, micro-foss., rare free light chert.

Packstone; tan to light brown, hard, crystalline, oolitic to oomoldic, no show.

Packstone; tan to light brown, rare cream, coarsely oomoldic, silky-crystalline matrix, hard, no visible gas bubbles, no show in wet, mineral fluorescence only, no cut on selected samples no odor.

Packstone; as above, no real change here.

Mudstone; cream to off white, firm to hard, most chalky, dense look, rare dark gray to gray free fresh chert-rare fossil inclusions.

Mudstone; as above.

Shale; black to gray, most soft, no visible gas bubbles.

Wackestone to Mudstone; cream to brown, hard, chalky, micro-ool., to micro-foss., no show, rare free brach.

Shale; gray, gray-green, most soft.

Mudstone; cream to off white, chalky, hard, some silky-crystalline, rare free brach and fusulinid, no show.

Shale; slight increase in dark gray and black, no visible gas when broken.

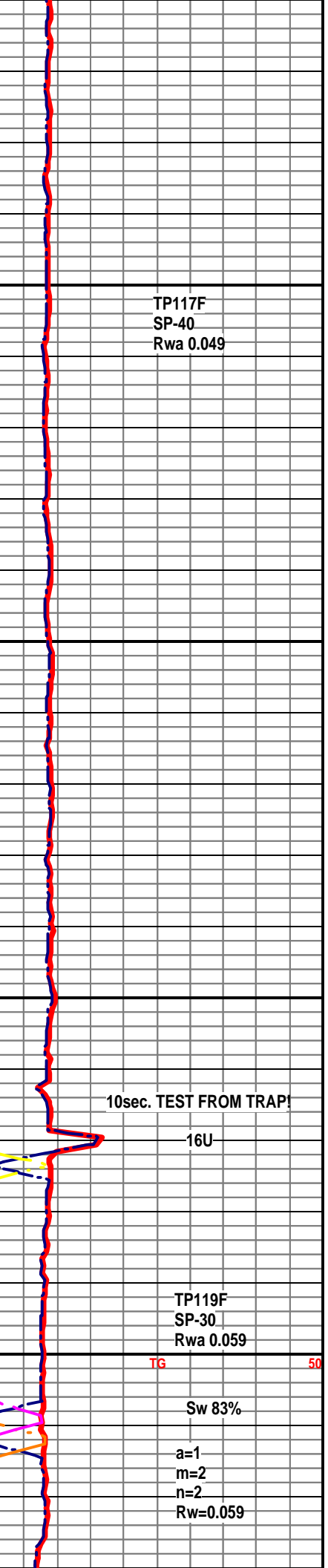
Mudstone; cream, off white to some gray, chalky, hard, rare free chert.

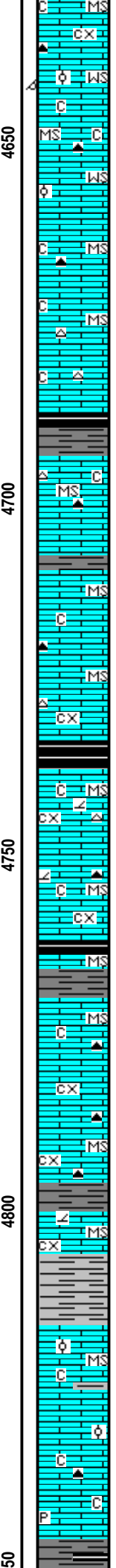
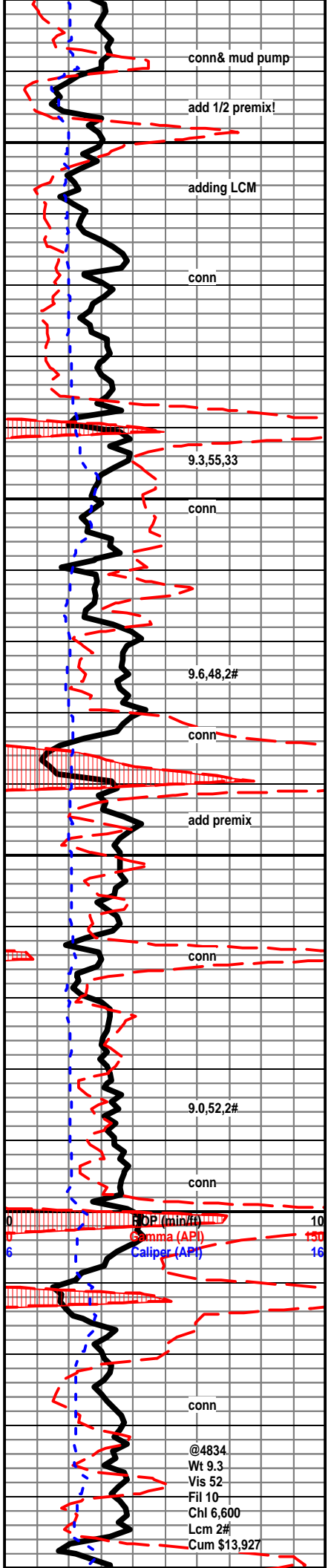
Wackestone; micro-oolitic, chalky, hard, rare barren porosity in the dry sample, no show, very dull gold mineral fluorescence only, still carry traces to rare oomoldic samples from above, no new visible porosity in the dry sample.

Wackestone; as above, no show.

Mudstone; buff hard, most chalky, rare chert inclusions, dense, rare free crinoid stem.

Shale; slight increase in gray to black shale, most soft.





Mudstone; cream to brown, hard, chalky to some crystalline-silky, rare free dark chert.

Wackestone; cream, micro-oolitic, hard, chalky, rare barren porosity in the dry, no live show, still carry oomoldic samples from above.

Mudstone; as above, rare dark gray chert.

Wackestone; as above, no show, very dull gold mineral fluorescence as above.

Mudstone; most cream, chalky texture, dense, rare light gray free chert, no show, still carry trace to rare oomoldic samples from above.

Stark Shale; 4688 (-2228) A +12 B -5

Shale; rare black-soft carbonaceous, no visible gas bubbles, mixed with increase in very soft gray shales, samples wash heavy gray here.

Mudstone; cream to brown, hard, most chalky, dense, free light and dark chert, rare dark with spicular look, no show, very dull mineral fluor. as above.

Mudstone; cream to tan, hard, chalky, dense looking wet and dry, some micro-ool, rare light gray chert, rare gassy carb shale here-from above.

Mudstone; crystalline, hard, brown to tan, rare light brown chert.

Hushp. Shale; 4734 (-2274) A +11 B -6

Shale; approx. 10% black, hard carb.-gassy.

Mudstone; hard chalky, dense looking in wet, some silky-crystalline dolomitic limestone here with yellow mineral fluor., no show, no cut.

Mudstone; most as above, rare dark fresh-free chert, less dolomitic limestone with depth.

Shale; approx. 30% black-carb., gassy.

Shale; approx. 40% as above, however increase in gray-soft, non-gassy shale here.

Mudstone; gray, brown, hard, crystalline to chalky, dense, mineral fluor., only, rare free dark brown chert.

Mudstone; as above. rare free sharp black chert, shale 40% of total sample.

Mudstone; gray, brown, crystalline, very hard, rare black and brown-foss. chert.

Shale; gray, dark gray and black.

Mudstone; most as above, rare dolomitic.

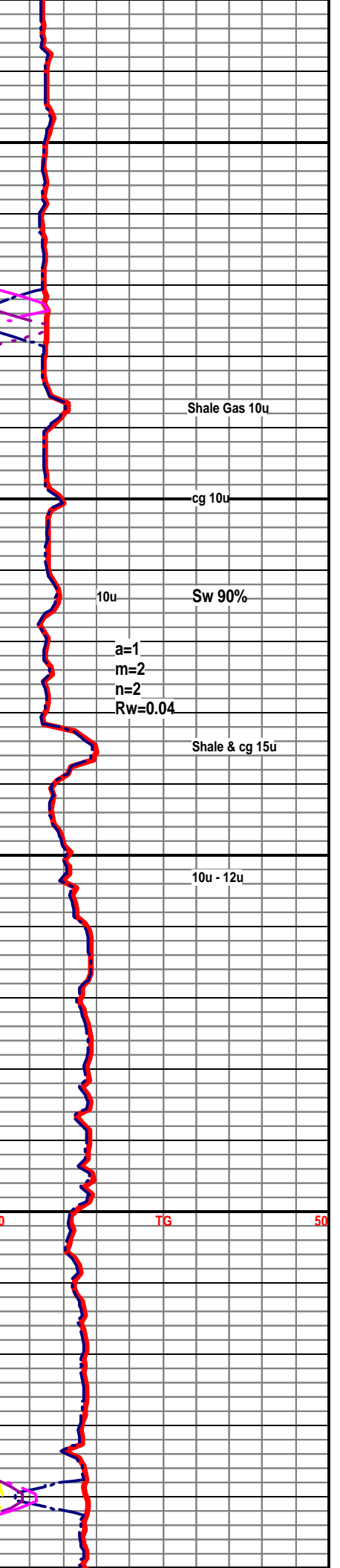
Shale; approx. 40% gray, black, trace brick red, most soft, samples wash heavy gray here.

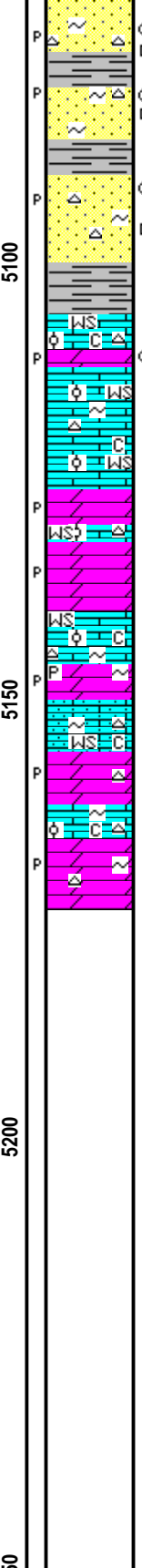
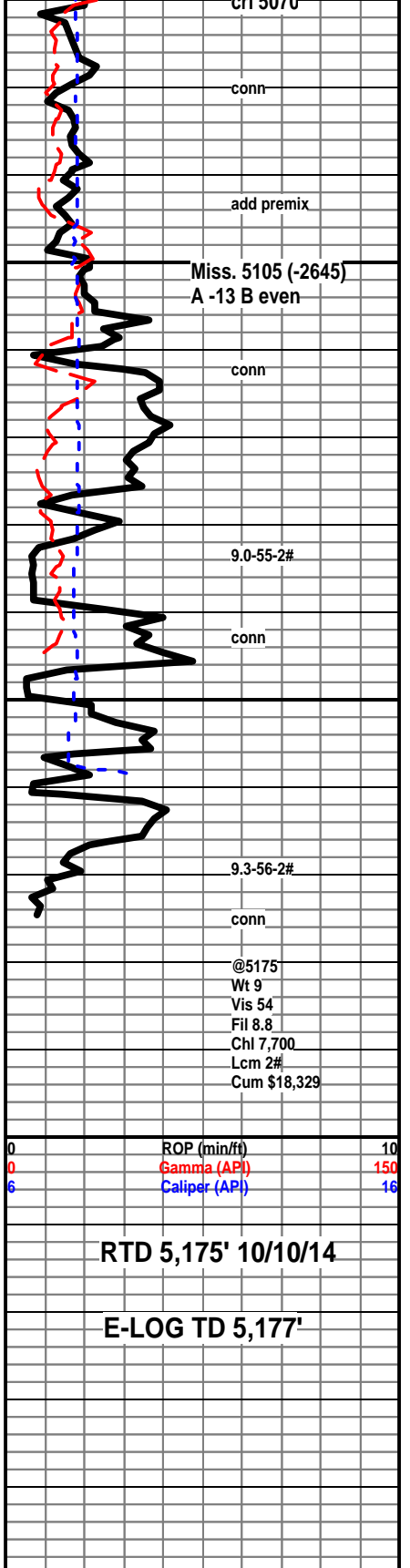
Marmaton 4818 (-2358) A +17 B -3

Mudstone; cream, gray to buff, chalky, hard, some micro-oolitic, tight look in wet, no show, shale reduction here to approx. 20%, trace read and mron. earthy shale here-cave?

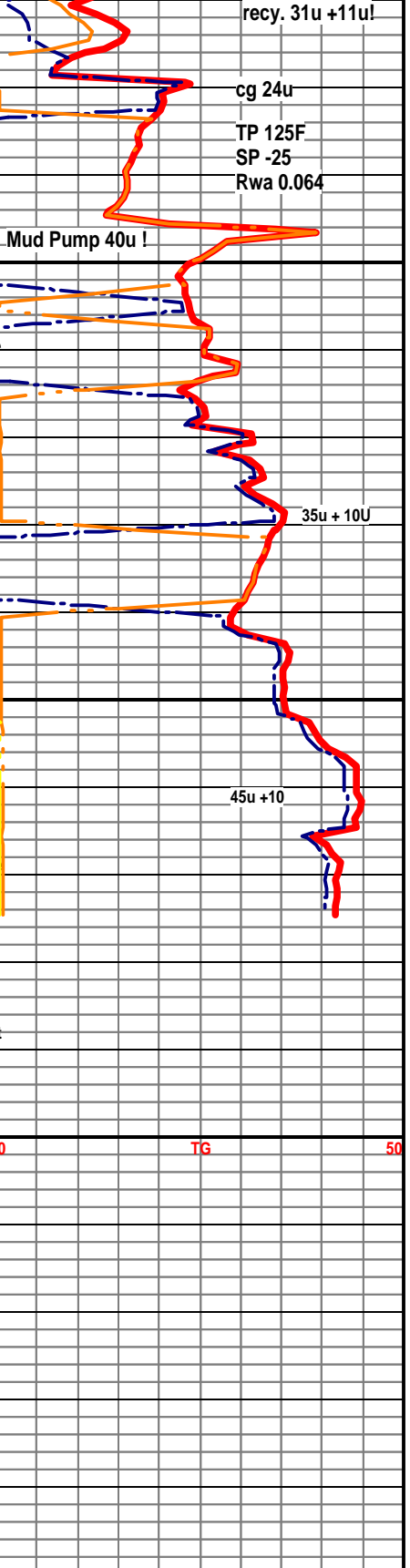
Mudstone; cream to gray, hard, most chalky, rare free pyrite and back sharp chert.

Shale; gray, dark gray and black-carb.





stain and cut, very faint odoe, no free oil, rare gas bubbles, high % shale.
 SS; rare pale green, fg, wlcons, black stain, rare vg, highly glauc aa with show aa, free chert-rare cut, faint odor, high % shale.
 Shale; very colored approx 90% of samples.
 SS; rare light gray, fg - vfg, wlcons, rnd, highly glauc fast and slow cut, rare quartzite with rare stain and cut, influx bone white chert, faint sample odor, poor sample quality, high % shale aa.
 Shale; still approx. 80% -90% of samples, rthy to waxy, some arenaceous, some caving size.
 Dolomite; gray to buff, gritty, rare residual milky cut, no visible oil or gas bubbles, very faint sample odor as above.
 Wackestone; white to cream, micro-oolitic, fine-oolitic, chalky rare glauconite, miner fluorescence only no cut, free white chert. Shale % decreasing with depth.
 Dolomite; gray to buff, hard to friable, gritty texture with a chalky dull matrix, no show, no cut as above poor spotty porosity, most look tight.
 Wackestone; off white, cream, most chalky-soft, some crystalline-hard, micro-oolitic to fine oolites in tight looking matrix, mineral fluorescence, no show.
 Wackestone; off white, soft, sandy look in a chalky matrix, no show, as rare glauconite, no visible porosity, Shale % still decreasing with depth.
 Mudstone; slight inc in off white to cream-chalky, micro-oolitic Wackestone in part, free chert.
 Dolomite; tan to buff here, some off white, hard to brittle, some glauconitic, gritty, rare fine crystalline-sucrosic look, mineral fluorescence only, poor spotty barren porosity visible in the dry, most look tight, as above much bone white to white free fresh chert some fossilifeous.
 Cir @ 5,070'; 80% very colored shales, some arenaceous, most waxy. SS; rare fg, wlcons, highly glauconitic, even to spotty stain fluor-cut, rare fg SS with bone white chert contacts, stain and cut on sand, rare loose course sand in tray, subrnd to angular, most barren, few with stain fluor-cut, rare free chert with dark spotty stain-fluor cut, very faint sample odor, no free oil, rare fg highly glauc clusters with visible gas bubbles, rare free white quartzite with no show
 SS; cir 5054 to 5060: 5% as above, quartz, light gray, fg, highly glauc. faint to fair odor, dull yellow to gold fluor., instant cut to milky cut, spotty stain, some visible oil droplets when broken, odor when broken, trace bleeding gas, rare barren clusters-wet? increase in barren in 60min sample, poor to fair visible por in the dry. 40% shale in 60min sample! 90min inc in Mudstone; cream to tan, chalky. 20% Shale and trace SS, increase barren sand with depth.



RTD 5,175' 10/10/14

E-LOG TD 5,177'