



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1139254  
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: \_\_\_\_\_



1139254

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](mailto: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
--	---

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Shelor 1-33
Doc ID	1139254

All Electric Logs Run

Dual Induction
Density - Neutron
Micro log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Shelor 1-33
Doc ID	1139254

Tops

Name	Top	Datum
Heebner Shale	4410	(1819)
Brown Limestone	4552	(-1961)
Lansing	4562	(-1971)
Stark Shale	4914	(-2323)
Pawnee	5136	(-2545)
Cherokee Shale	5185	(-2594)
Base Penn Limestone	5295	(-2704)
Mississippian	5364	(-2472)
RTD	5470	(-2879)

# QUALITY WELL SERVICE, INC.

5804

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410  
Office / Fax 620-672-3663

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

Date	1-20-13	Sec.	33	Twsp.	29	Range	24	County	Ford	State	KS	On Location		Finish	3:15-3:45
Lease	shelb	Well No.	1-33		Location Bloom, KS 3W 1/4 S E into										
Contractor	Duke							Owner							
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. 647												
Csg.	8 5/8		Depth 632.48					Charge To Vincent Oil Corp							
Tbg. Size			Depth					Street							
Tool			Depth					City				State			
Cement Left in Csg.			Shoe Joint					The above was done to satisfaction and supervision of owner agent or contractor.							
Meas Line			Displace					Cement Amount Ordered 220x65/35 6% gel 3% CC 1/4"							
<b>EQUIPMENT</b>										100sr Com 3% CC 2% gel					
Pumptrk	No.	8		Cody		Common									
Bulktrk	No.	9		David		Poz. Mix									
Bulktrk	No.	10		David		Gel.									
Pickup	No.					Calcium									
<b>JOB SERVICES &amp; REMARKS</b>										Hulls					
Rat Hole										Salt					
Mouse Hole										Flowseal					
Centralizers										Kol-Seal					
Baskets										Mud CLR 48					
D/V or Port Collar										CFL-117 or CD110 CAF 38					
Ran 15 JTS of 8 5/8 casing and landing jt										Sand					
EST Circulation!										Handling					
										Mileage					
										<b>FLOAT EQUIPMENT</b>					
										Guide Shoe					
Hooked up and mixed 220x65/35 and tailed in with 100sr com										Centralizer					
shut down and released plug										Baskets					
Disp 38.6 bbl of H2O - plug landed @ 700psi - Shut in										AFU Inserts					
										Float Shoe					
										Latch Down					
										Wood plug Baffle plate					
Cement Did Circulate to surface										Pumptrk Charge					
										Mileage					
										Tax					
										Discount					
										Total Charge					
Signature <i>Colin D. Rouch</i>															

# ALLIED CEMENTING CO., LLC. 32722

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
*Medicine Lodge KS*

DATE <i>01-31-13</i>	SEC. <i>33</i>	TWP. <i>29s</i>	RANGE <i>27w</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <i>6:00pm</i>
LEASE <i>Skaton</i>	WELL # <i>1-33</i>	LOCATION <i>Bloom KS, 3w, 1 3/4 N, 6/10</i>	COUNTY <i>Fond</i>	STATE <i>KS</i>	OLD OR NEW (Circle one)		

CONTRACTOR *Dulse #7*

TYPE OF JOB *Rotary Plug*

HOLE SIZE *8 5/8* T.D.

CASING SIZE *8 5/8* DEPTH *645'*

TUBING SIZE DEPTH

DRILL PIPE *4 1/2* DEPTH *1560'*

TOOL DEPTH

PRES. MAX *350#* MINIMUM *-*

MEAS. LINE SHOE JOINT *n/a*

CEMENT LEFT IN CSG. *-*

PERFS.

DISPLACEMENT *Fresh H<sub>2</sub>O & Drilling Mud*

EQUIPMENT

PUMP TRUCK CEMENTER *D. Felio* *1*

*#471-302* HELPER *R. Gilley* *1*

BULK TRUCK

*#364* DRIVER *S. Bower* *3*

BULK TRUCK

*#* DRIVER

OWNER *Vincent*

CEMENT AMOUNT ORDERED *210sx60:40:4%gel*

COMMON class A	12bx @ 21.20	2671.20
POZMIX	84sx @ 9.35	785.40
GEL	8x @ 23.40	187.20
CHLORIDE	@	
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<i>222 ft<sup>3</sup></i> @ <i>2.48</i>	<i>550.56</i>
MILEAGE	<i>9.39 hr * 50x</i>	<i>469.50</i>
	<i>2.60</i>	<i>1220.70</i>
TOTAL		<i>5415.06</i>

REMARKS:

*See Job log,*

*Cement Dil. Cc. at surface Plug.*

*THX ☺*

SERVICE

DEPTH OF JOB	<i>1560'</i>	<i>2249.84</i>
PUMP TRUCK CHARGE		
EXTRA FOOTAGE	@	
MILEAGE	<i>50 @ 7.70</i>	<i>385.00</i>
MANIFOLD	<i>N/A @</i>	
<i>Light Vehicle</i>	<i>50 @ 4.40</i>	<i>220.00</i>
	@	
TOTAL		<i>2854.84</i>

CHARGE TO: *Vincent*

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

*None* @ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

TOTAL \_\_\_\_\_

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME *Galen D. Rouch*

SIGNATURE *Galen D. Rouch*

SALES TAX (If Any) *657.45*

TOTAL CHARGES *8269.20*

DISCOUNT *20%* *1653.98* IF PAID IN 30 DAYS

*net 6615.92*



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Vincent Oil Corp

**33-29s-24w Ford KS**

155 N Market STE  
Wichita KS  
67202  
ATTN: Jim Hall

**Shelor 1-33**

Job Ticket: 49030

**DST#: 1**

Test Start: 2013.01.28 @ 01:45:15

## GENERAL INFORMATION:

Formation: **Morrow Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:06:15

Time Test Ended: 10:14:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 65

**Interval: 5181.00 ft (KB) To 5220.00 ft (KB) (TVD)**

Reference Elevations: 2591.00 ft (KB)

Total Depth: 5220.00 ft (KB) (TVD)

2578.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

**Serial #: 8646 Inside**

Press @ RunDepth: 83.11 psig @ 5182.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.28

End Date: 2013.01.28

Last Calib.: 2013.01.28

Start Time: 01:45:15

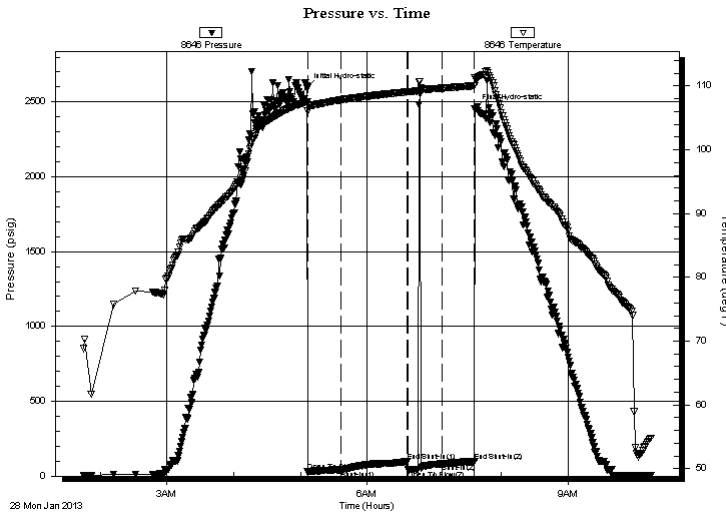
End Time: 10:14:15

Time On Btm: 2013.01.28 @ 05:06:00

Time Off Btm: 2013.01.28 @ 07:36:15

**TEST COMMENT:** IF: Built to 3/4" blow  
IS: No return blow  
FF: No blow ---flushed tool ---weak surface blow abd died in 5 min.  
FS: No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2593.87	107.48	Initial Hydro-static
1	29.21	106.07	Open To Flow (1)
30	40.63	107.84	Shut-In(1)
90	96.73	109.10	End Shut-In(1)
91	40.98	109.10	Open To Flow (2)
121	83.11	109.67	Shut-In(2)
150	100.09	110.06	End Shut-In(2)
151	2452.14	111.37	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud 100% m	0.30

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Vincent Oil Corp

**33-29s-24w Ford KS**

155 N Market STE  
Wichita KS  
67202

**Shelor 1-33**

Job Ticket: 49030

**DST#: 1**

ATTN: Jim Hall

Test Start: 2013.01.28 @ 01:45:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 79.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 11000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mud 100% m	0.295

Total Length: 60.00 ft      Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



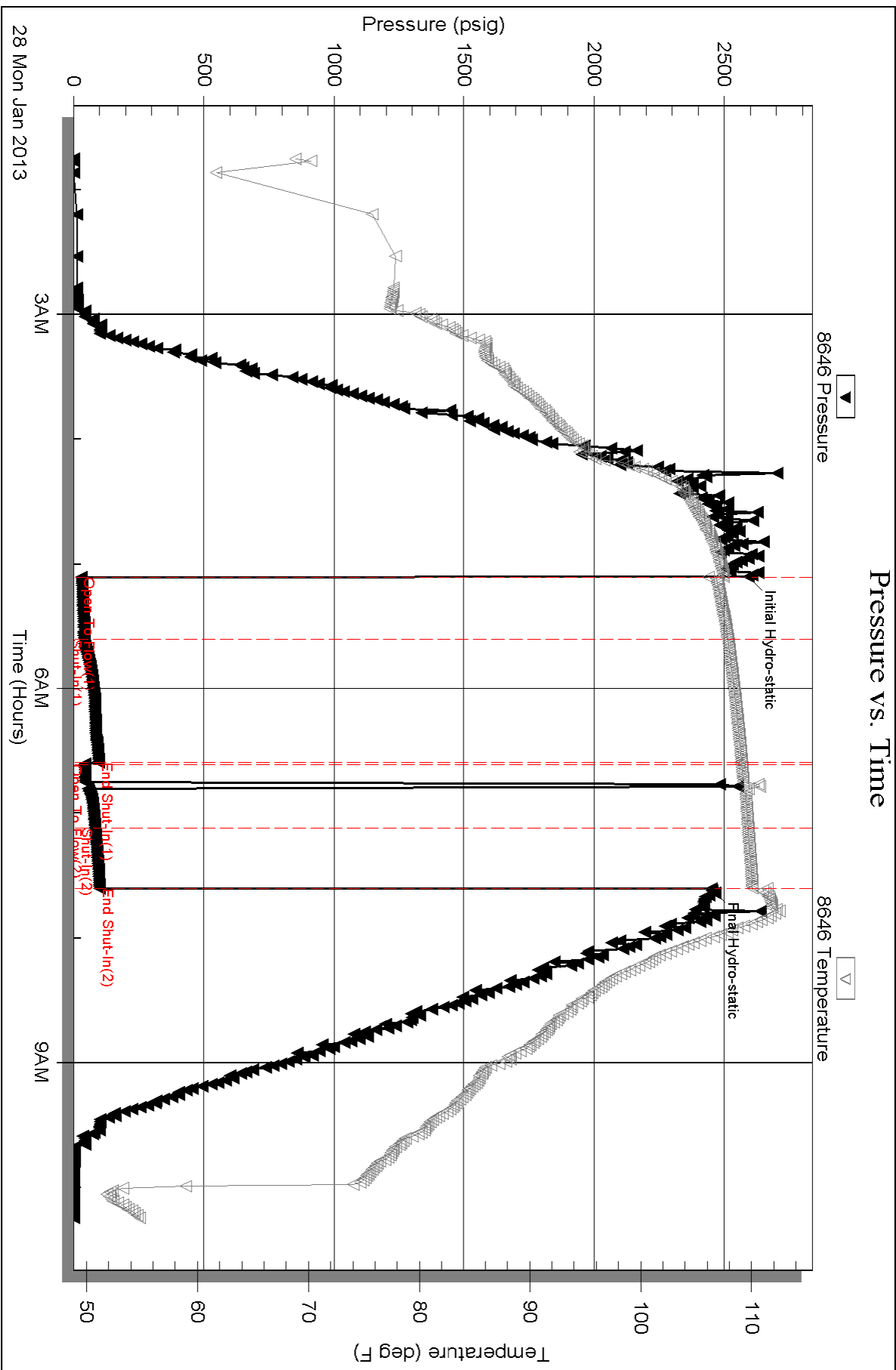
Serial #: 8646

Inside

Vincent Oil Corp

Shear 1-33

DST Test Number: 1





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Vincent Oil Corp

**33-29s-24w Ford KS**

155 N Market STE  
Wichita KS  
67202  
ATTN: Jim Hall

**Shelor 1-33**

Job Ticket: 49031

**DST#: 2**

Test Start: 2013.01.29 @ 02:05:15

## GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:39:45

Time Test Ended: 10:22:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

**Interval: 5288.00 ft (KB) To 5375.00 ft (KB) (TVD)**

Reference Elevations: 2591.00 ft (KB)

Total Depth: 5375.00 ft (KB) (TVD)

2578.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

**Serial #: 8646**

**Inside**

Press @ RunDepth: 149.54 psig @ 5289.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.29

End Date:

2013.01.29

Last Calib.:

2013.01.29

Start Time:

02:05:15

End Time:

10:22:30

Time On Btm:

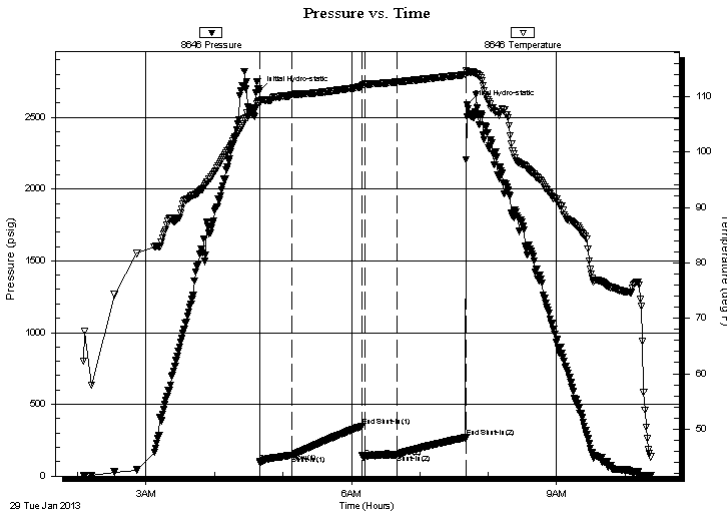
2013.01.29 @ 04:39:15

Time Off Btm:

2013.01.29 @ 07:41:30

**TEST COMMENT:** IF: Built to 5" blow  
IS: No return blow  
FF: Built to 5" blow  
FS: No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2684.40	109.16	Initial Hydro-static
1	96.09	108.78	Open To Flow (1)
29	145.99	110.38	Shut-In(1)
90	347.25	111.74	End Shut-In(1)
93	129.13	112.20	Open To Flow (2)
121	149.54	112.61	Shut-In(2)
181	267.83	113.93	End Shut-In(2)
183	2584.55	114.40	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
210.00	mud w ith oil spots 100% m	1.25

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Vincent Oil Corp

**33-29s-24w Ford KS**

155 N Market STE  
Wichita KS  
67202  
ATTN: Jim Hall

**Shelor 1-33**

Job Ticket: 49031

**DST#: 2**

Test Start: 2013.01.29 @ 02:05:15

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 13.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8500.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
210.00	mud w ith oil spots 100% m	1.251

Total Length: 210.00 ft      Total Volume: 1.251 bbl

Num Fluid Samples: 0

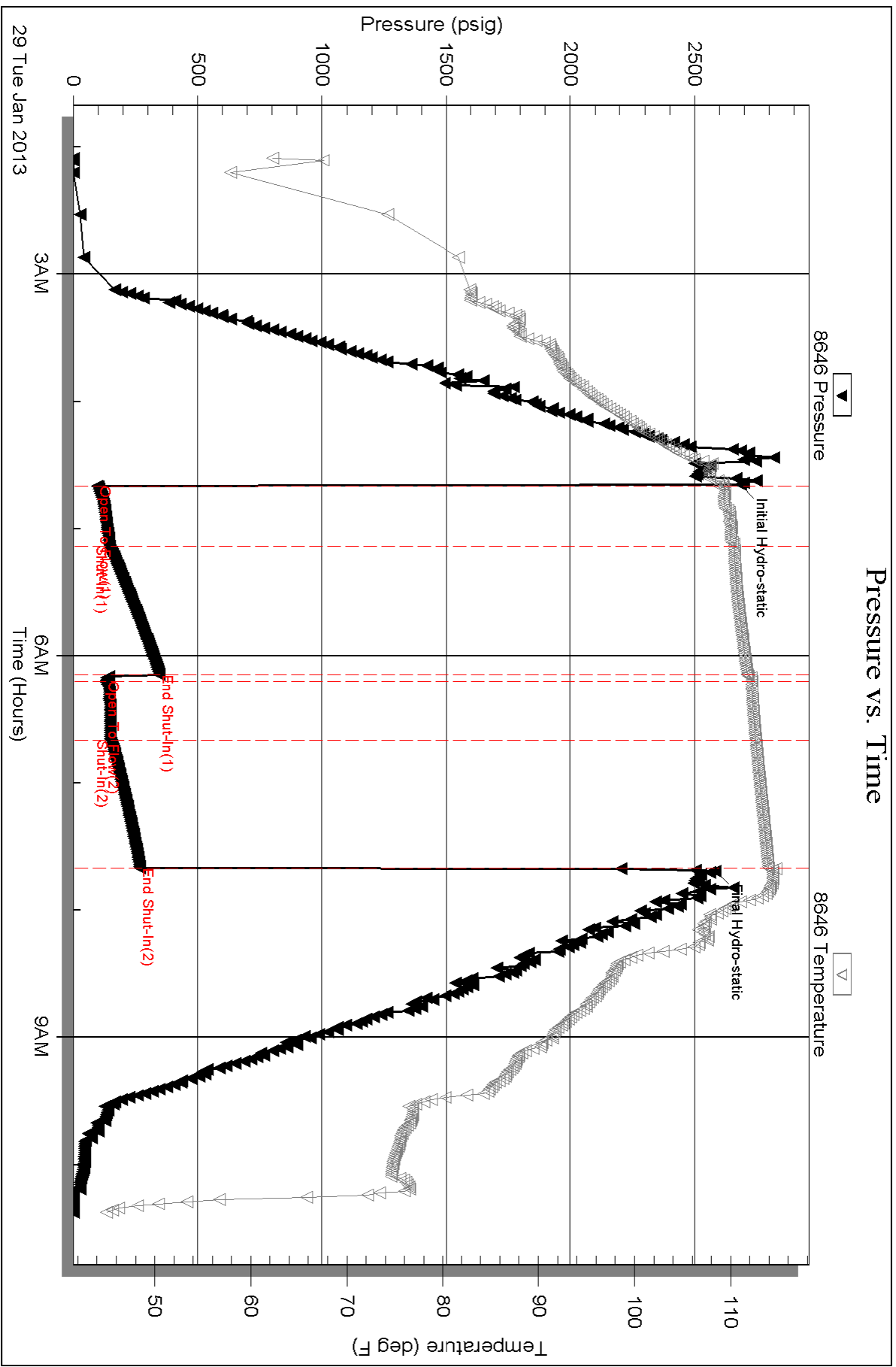
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Vincent Oil Corp

**33-29s-24w Ford KS**

155 N Market STE  
Wichita KS  
67202  
ATTN: Jim Hall

**Shelor 1-33**

Job Ticket: 49032

**DST#: 3**

Test Start: 2013.01.29 @ 01:17:15

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:43:45

Time Test Ended: 08:48:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

**Interval: 5379.00 ft (KB) To 5410.00 ft (KB) (TVD)**

Reference Elevations: 2591.00 ft (KB)

Total Depth: 5410.00 ft (KB) (TVD)

2578.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

**Serial #: 8646 Inside**

Press @ Run Depth: 150.49 psig @ 5380.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.29

End Date:

2013.01.29

Last Calib.:

2013.01.30

Start Time: 01:17:15

End Time:

08:48:00

Time On Btm:

2013.01.29 @ 03:43:30

Time Off Btm:

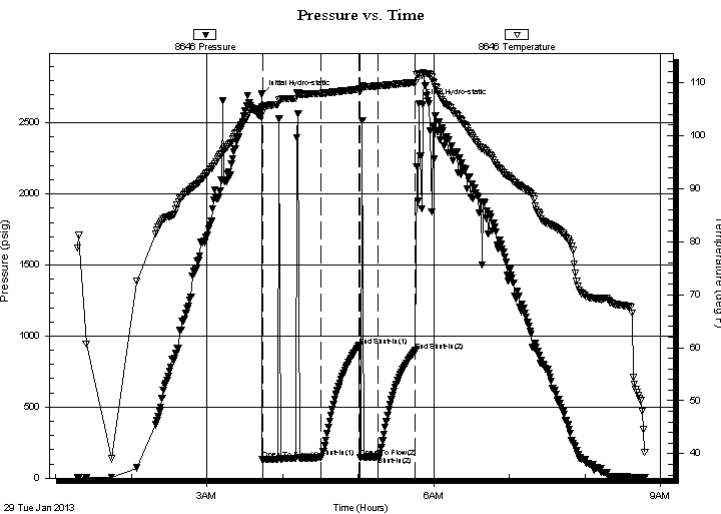
2013.01.29 @ 05:48:15

**TEST COMMENT:** IF: Weak blow died in 2 min---Flushed tool--w eak blow died in 2 min

IS:No return blow

FF:No blow ---Flushed tool---Died in 2 min.

FS:No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2700.35	105.32	Initial Hydro-static
1	130.16	104.30	Open To Flow (1)
47	144.95	107.92	Shut-In(1)
78	931.92	108.71	End Shut-In(1)
78	145.10	108.47	Open To Flow (2)
93	150.49	109.32	Shut-In(2)
122	897.78	110.00	End Shut-In(2)
125	2637.34	111.66	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
248.00	mud 100%m	1.78

\* 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 Corp

**33-29s-24w Ford KS**

155 N Market STE  
Wichita KS  
67202  
ATTN: Jim Hall

**Shelor 1-33**

Job Ticket: 49032

**DST#: 3**

Test Start: 2013.01.29 @ 01:17:15

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 13.57 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 14200.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
248.00	mud 100%m	1.784

Total Length: 248.00 ft      Total Volume: 1.784 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

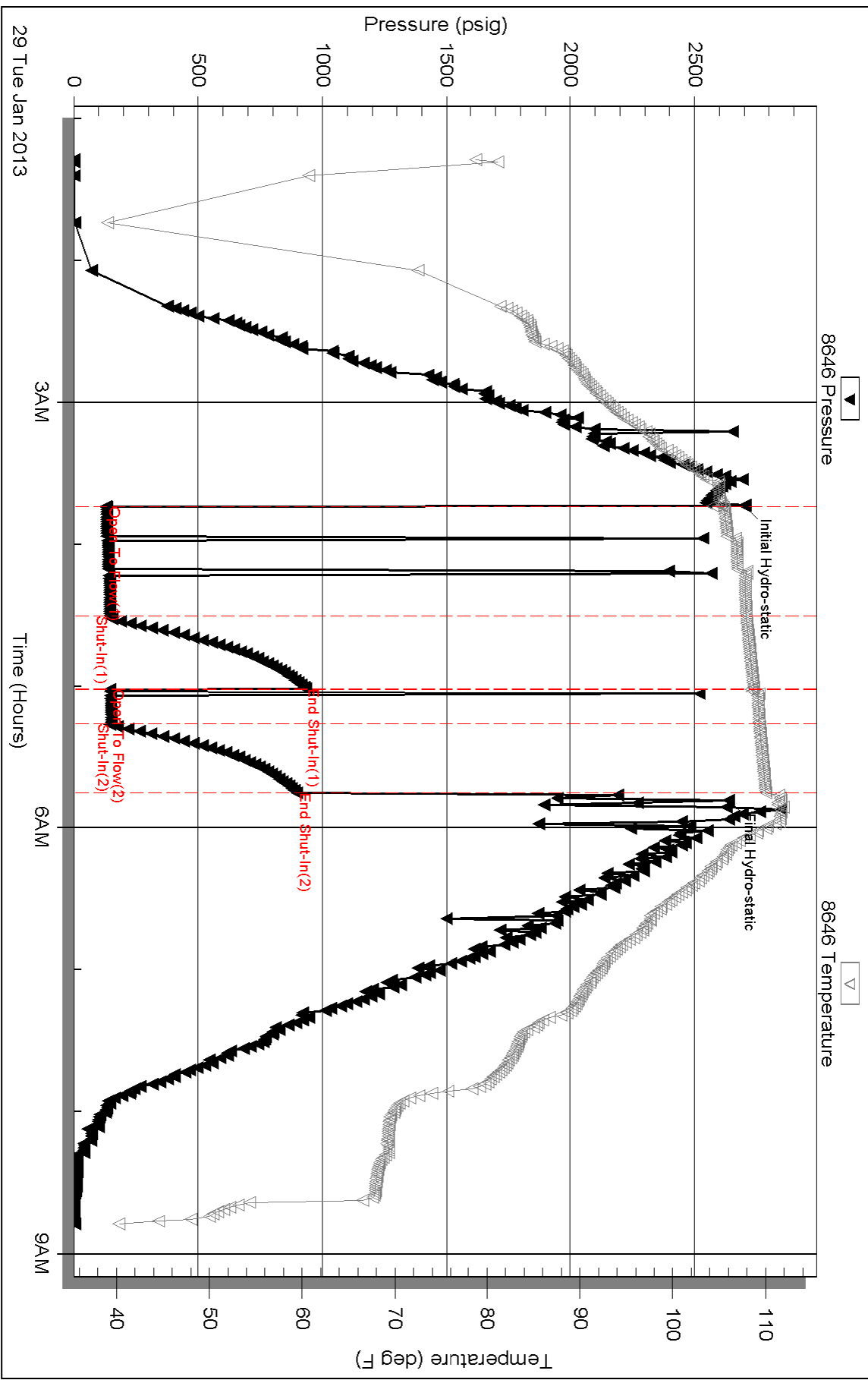
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time



# LITHOLOGY STRIP LOG

## WellSight Systems

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

Well Name: VINCENT OIL CORP. SHELOR #1-33

Location: NE SW NW NW SEC. 33, T29S, R24W, FORD CO. KANSAS

License Number: 15-057-20872-00-00

Region: FAGER EAST

Spud Date: 01/19/13

Drilling Completed: 1/30/13

Surface Coordinates: 970' FNL, 352' FWL

### Bottom Hole Coordinates:

Ground Elevation (ft): 2,578'

K.B. Elevation (ft): 2,591'

Logged Interval (ft): 4,250' To: 5,470' Total Depth (ft): 5,470'

Formation: Mississippi

Type of Drilling Fluid: Native mud to 3,821'. Chemical Gel to RTD

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 [www.WellSight.com](http://www.WellSight.com)

### OPERATOR

Company: Vincent Oil Corporation

Address: 155 N. Market St. Ste 700

Wichita, Kansas 67202-1821

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, Rig #7, Tool Pusher: Galen Roach.**

**Surface Casing: 8 5/8" set at 645', w/320sx, cement.**

**Well was P&A 1/31/13.**

**Trip out for plugged bit @ 3,131'.**

**At 5,230' strap pipe prior to DST #1 3.73' short to the board.**

**Deviation Surveys: 0.5 @ 258', 0.5 @ 465', 0.5 @ 1,025', 0.25 @ 2,035', 0.5 @ 2,534', 0.25 @ 3,131', 0.5 @ 3,506', 0.5 @ 4,040', 0.5 @ 4,848', 0.75 @ 4,949, 1.0 @ 5,320', 1.0 @ 5,470'.**

### **Bit Record:**

**#1 12 1/4" out @ 647'.**

**#2 7 7/8" HTC GX-20C in @ 647', out @ 5,320', made 4,673' in 121.5 hrs.**

**#3 7 7/8" RR HTC GX-20C in @ 5,320', out @ 5,470', made 150'in 11 hrs.**

**Drilling time commenced: @ 4,250'. Minimum 10' wet and dry samples commenced: @ 4,300' to RTD. Samples delivered to Kansas Geological Sample Library at Wichita, Kansas.**

**Gas Detector: Bluestem Labs, unit #279. Digital Hotwire gas values, and drilling time, were placed on the digital Plotted Geological Report.**

**Mud System: Mud-Co/Service Mud. Chemical Gel system @ 3,821', Mud Engineer: Justin Whiting (Dodge City, Pratt Warehouse).**

**DST Co.: Trilobite Testing (Hays Kansas), Tester: Mike Roberts (Scott City).**

**Open Hole Logs: Nabors Completion & Production Service Co. (Hays Kansas), Logging Engineer: Jeff Luebbers.**

**DIL, CDL/CNL/PE, MEL/SON.**

**E-Log Formation Tops: Heebner 4,412 (-1821), Brown Lm 4,552 (-1961), Lansing 4,562 (-1971), Stark Sh 4,914 (-2323), Hushpuckney Sh 4,960 (-2369), Marmaton 5,056 (-2465), Pawnee 5,136 (-2545), Labette Sh 5,164 (-2573), Cherokee Sh 5,186 (-2595), Basal Penn 5,296 (-2705), "A" Sand 5,306 (-2715), "B" Sand 5,323 (-2732), Mississippian 5,364 (-2773).**

**Note: The open hole log gamma ray & caliper curves have been placed on this Sample Strip log, the Open Hole log depth was 2' lower than RTD. There is only 1 to 2 foot shift with the drilling time in some areas, therefore no adjustment was made due to good correlation between Strip Log and E-log.**



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Vincent Oil Corp  
155 N Market STE  
Wichita KS  
67202  
ATTN: Jim Hall

**33-29s-24w Ford KS**

**Shelor 1-33**

Job Ticket: 49030

**DST#: 1**

Test Start: 2013.01.28 @ 01:45:15

### GENERAL INFORMATION:

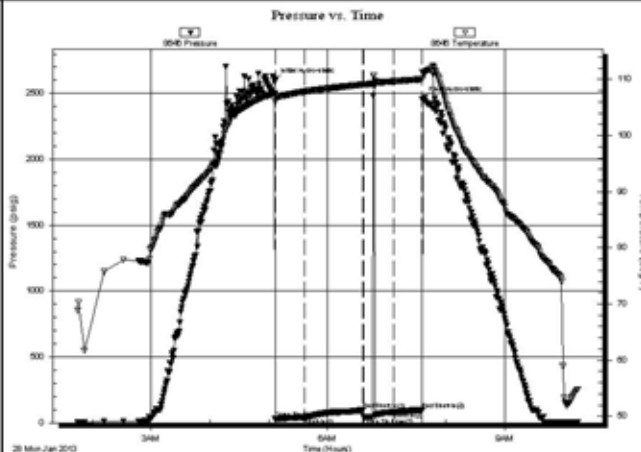
Formation: **Morrow Sand**  
 Deviated: No Whipstock ft (KB)  
 Time Tool Opened: 05:06:15  
 Time Test Ended: 10:14:15  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Mike Roberts  
 Unit No: 65  
 Interval: **5181.00 ft (KB) To 5220.00 ft (KB) (TVD)**  
 Total Depth: 5220.00 ft (KB) (TVD)  
 Reference Elevations: 2591.00 ft (KB)  
 2578.00 ft (CF)  
 Hole Diameter: 7.88 inches-Hole Condition: Fair  
 KB to GR/CF: 13.00 ft

### Serial #: 8646

### Inside

Press@RunDepth: 83.11 psig @ 5182.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.01.28 End Date: 2013.01.28 Last Calib.: 2013.01.28  
 Start Time: 01:45:15 End Time: 10:14:15 Time On Btm: 2013.01.28 @ 05:06:00  
 Time Off Btm: 2013.01.28 @ 07:36:15

**TEST COMMENT:** IF: Built to 3/4" blow  
 IS: No return blow  
 FF: No blow ---flushed tool --weak surface blow abd died in 5 min.  
 FS: No return blow



### PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2593.87	107.48	Initial Hydro-static
1	29.21	106.07	Open To Flow (1)
30	40.63	107.84	Shut-In(1)
90	96.73	109.10	End Shut-In(1)
91	40.98	109.10	Open To Flow (2)
121	83.11	109.67	Shut-In(2)
150	100.09	110.06	End Shut-In(2)
151	2452.14	111.37	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud 100% m	0.30

### Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Vincent Oil Corp  
155 N Market STE  
Wichita KS  
67202  
ATTN: Jim Hall

**33-29s-24w Ford KS**

**Shelor 1-33**

Job Ticket: 49031

**DST#: 2**

Test Start: 2013.01.29 @ 02:05:15

### GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 04:39:45

Time Test Ended: 10:22:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

**Interval: 5288.00 ft (KB) To 5375.00 ft (KB) (TVD)**

Total Depth: 5375.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches-Hole Condition: Fair

Reference Elevations: 2591.00 ft (KB)

2578.00 ft (CF)

KB to GR/CF: 13.00 ft

**Serial #: 8646**

**Inside**

Press@RunDepth: 149.54 psig @ 5289.00 ft (KB)

Start Date: 2013.01.29

End Date: 2013.01.29

Start Time: 02:05:15

End Time: 10:22:30

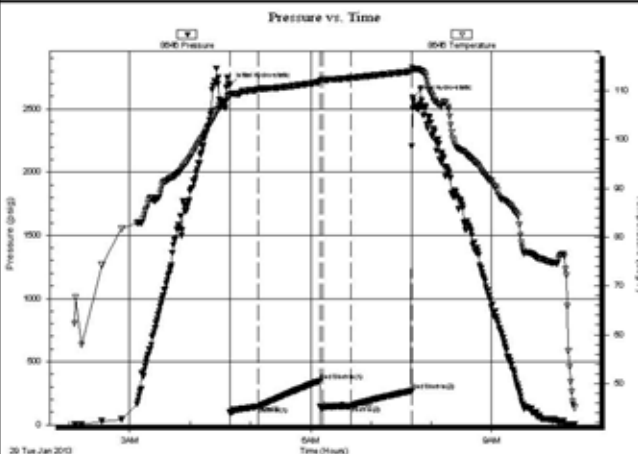
Capacity: 8000.00 psig

Last Calib.: 2013.01.29

Time On Btm: 2013.01.29 @ 04:39:15

Time Off Btm: 2013.01.29 @ 07:41:30

**TEST COMMENT:** IF: Built to 5" blow  
IS: No return blow  
FF: Built to 5" blow  
FS: No return blow



### PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2684.40	109.16	Initial Hydro-static
1	96.09	108.78	Open To Flow (1)
29	145.99	110.38	Shut-In(1)
90	347.25	111.74	End Shut-In(1)
93	129.13	112.20	Open To Flow (2)
121	149.54	112.61	Shut-In(2)
181	267.83	113.93	End Shut-In(2)
183	2584.55	114.40	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
210.00	mud w with oil spots 100% m	1.25

\* Recovery from multiple tests

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Vincent Oil Corp  
155 N Market STE  
Wichita KS  
67202  
ATTN: Jim Hall

**33-29s-24w Ford KS**

**Shelor 1-33**

Job Ticket: 49032

**DST#: 3**

Test Start: 2013.01.29 @ 01:17:15

### GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 03:43:45

Time Test Ended: 08:48:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

**Interval: 5379.00 ft (KB) To 5410.00 ft (KB) (TVD)**

Total Depth: 5410.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches-Hole Condition: Fair

Reference Elevations: 2591.00 ft (KB)

2578.00 ft (CF)

KB to GR/CF: 13.00 ft

**Serial #: 8646 Inside**

Press@RunDepth: 150.49 psig @ 5380.00 ft (KB)

Start Date: 2013.01.29

End Date: 2013.01.29

Start Time: 01:17:15

End Time: 08:48:00

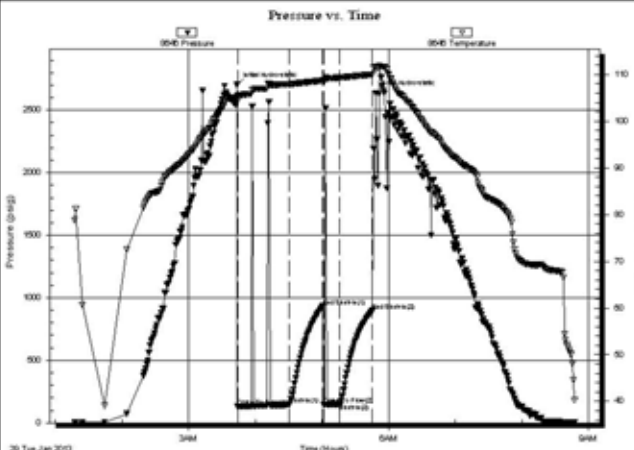
Capacity: 8000.00 psig

Last Calib.: 2013.01.30

Time On Btm: 2013.01.29 @ 03:43:30

Time Off Btm: 2013.01.29 @ 05:48:15

**TEST COMMENT:** IF: Weak blow died in 2 min---Flushed tool--weak blow died in 2 min  
IS: No return blow  
FF: No blow ---Flushed tool---Died in 2 min.  
FS: No return blow



### PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2700.35	105.32	Initial Hydro-static
1	130.16	104.30	Open To Flow (1)
47	144.95	107.92	Shut-In(1)
78	931.92	108.71	End Shut-In(1)
78	145.10	108.47	Open To Flow (2)
93	150.49	109.32	Shut-In(2)
122	897.78	110.00	End Shut-In(2)
125	2637.34	111.66	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
248.00	mud 100% m	1.78

\* Recovery from multiple tests

### Gas Rates

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

Other

**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.

**ROCK TYPES**

- Anhy
- Bent
- Brec
- Cht
- Clyst
- Coal

- Congl
- Sdy dolo
- Shy dolo
- Dol
- Gyp
- Sdy lmst

- Lmst
- Mrlst
- Salt
- Shale
- Sltst
- Ss

- Black sh
- Gry sh
- Shale
- Shysltst
- Sltysh

**ACCESSORIES**

**MINERAL**

- Anhy
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Ferrpel
- Ferr
- Glau
- Gyp
- Marl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt

- Chlorite
- Dol
- Sand
- Silty

**FOSSIL**

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra

- Pelec
- Pelloidal
- Pisolite
- Plant
- Strom
- Fuss
- Oomoldic

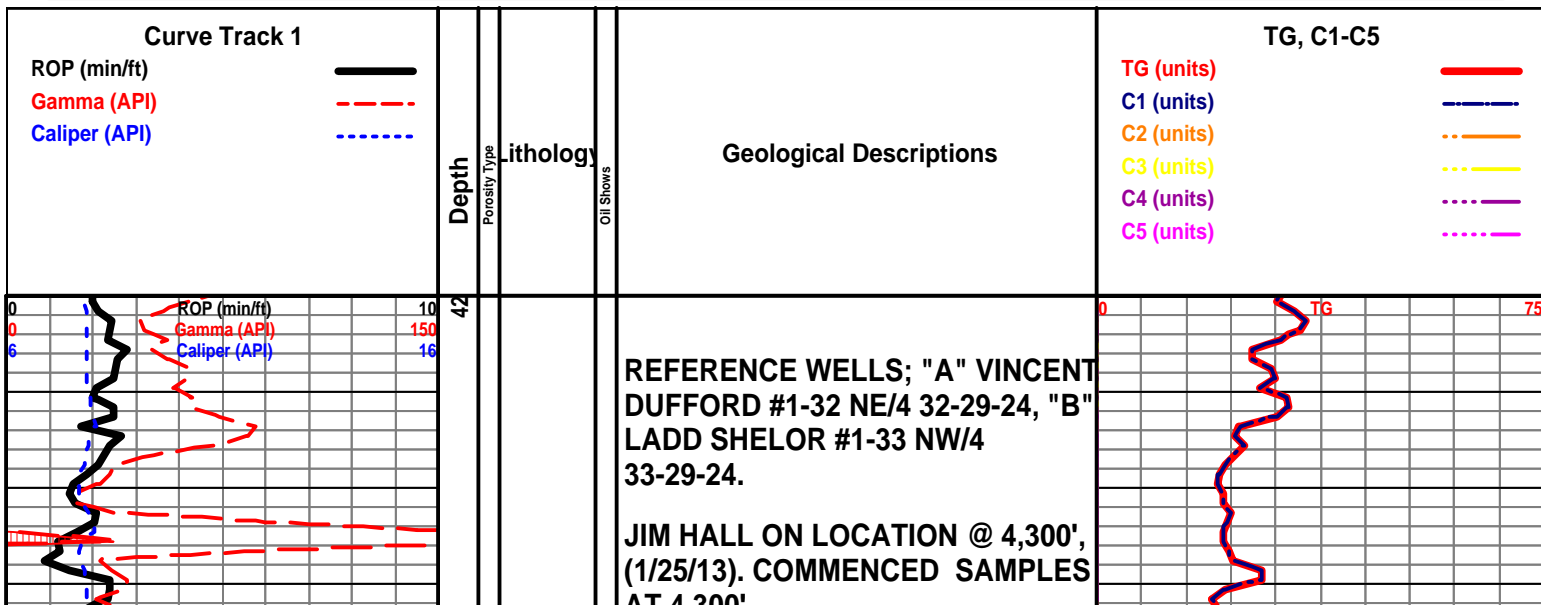
**STRINGER**

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh
- Clystn
- Dol

- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

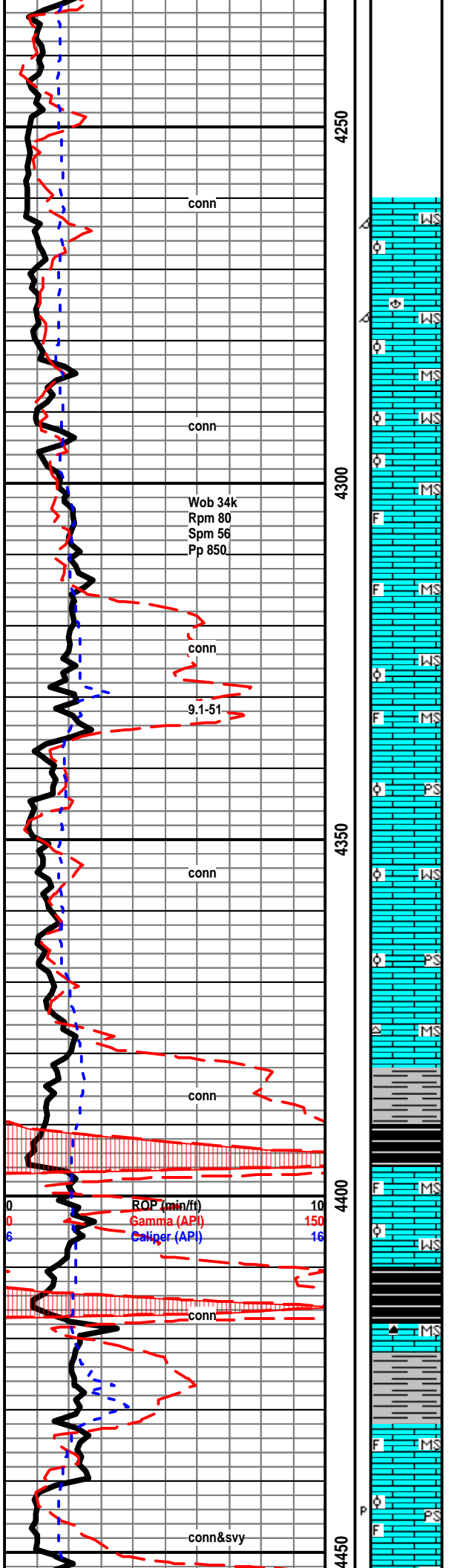
**TEXTURE**

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest



AT 4,300.

**ALL TOPS BELOW ARE DRILLING SAMPLE TOPS. SEE HEADER FOR OPEN HOLE LOG TOPS.**



Wackestone; off white to light gray, hard to brittle, some soft, most chalky, micro-oolitic, rare oomoldic no show yellow mineral fluorescence only.

Most as above, rare brach., no show.

Mudstone; gray, hard, some dark gray-argillaceous, most chalky.

Wackestone; cream to off white, most firm, chalky to crystalline matrix, micro-oolitic, yellow mineral fluorescence, no show.

Mudstone; cream to gray, hard to soft, chalky, some fossiliferous, no show.

Most as above.

Wackestone to Mudstone; cream to gray, also off white, soft to firm, chalky to crystalline, fossiliferous to micro-oolitic, yellow mineral fluorescence only, no show.

Packstone to Wackestone; cream to off white and light gray, most hard to firm, oolitic to micro-oolitic, chalky to crystalline matrix, no show.

No real change here! as above, scattered black and red-brown shales-cave?

Packstone to Wackestone; cream to off white, some light gray, most hard to brittle, some chalky-soft, oolitic to micro-oolitic, as above no show, yellow mineral fluorescence only.

Shale; gray, dark gray, red brown.

Shale; black carbonaceous, gassy when broken.

Mudstone to fossiliferous and micro-oolitic, cream to off white, no show, dull yellow mineral fluorescence only.

**Heebner 4409 (-1818) A even B -7**

Shale; black carbonaceous, slightly gassy.

Shale; black, gray to dark gray, rare pale green.

Mudstone to Wackestone; cream to gray, fossiliferous to micro-oolitic, no show.

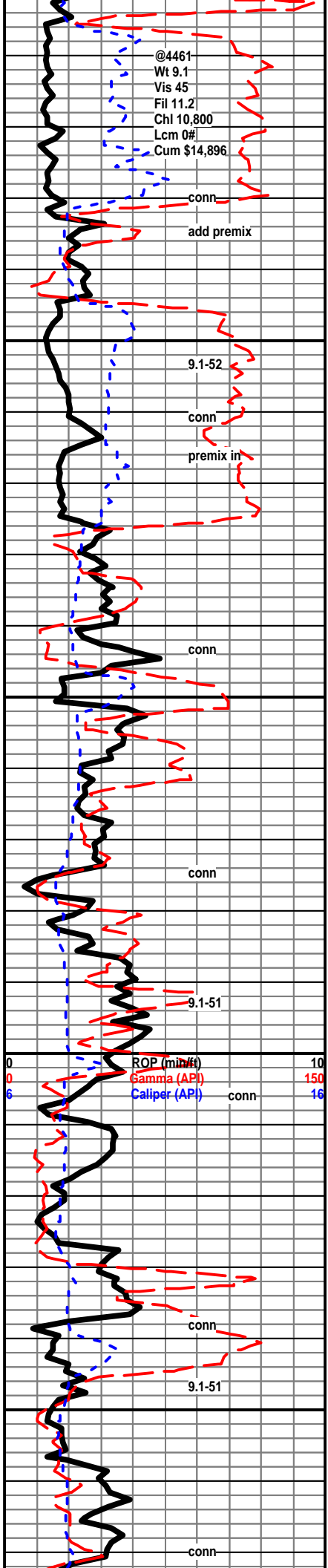
Packstone; off white, cream, hard to friable, oolitic to very fine crystalline look, some free minerals in the matrix, no visible show in wet. barren porosity in the dry sample

shale gas 68u

TG

75

shale gas 60u



@4461  
Wt 9.1  
Vis 45  
Fil 11.2  
Chl 10,800  
Lcm 0#  
Cum \$14,896

conn  
add premix

9.1-52  
conn  
premix in

conn

conn

9.1-51

ROP (min/ft)  
Gamma (API)  
Caliper (API)  
conn

conn

9.1-51

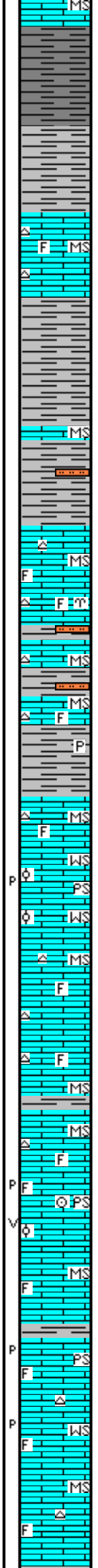
conn

4500

4550

4600

4650



Shale; small increase in % of black, dark gray and rare gray-green shales, hard to soft.

Shale; slight increase in gray-green, soft.

Mudstone; gray, hard, fossiliferous, chalky, scattered off white free sharp chert.

Shale; gray, soft very earthy texture.

Shale; most as above, some slightly silty texture.

Mudstone to Wackestone; off white to cream, fossiliferous to micro-oolitic, dense look in wet, rare bryzoa, no show in wet, dull yellow mineral fluorescence only.

**Brown Lime 4551 (-1960) A -2 B -6**

Mudstone; brown, hard, crystalline, fossiliferous.

Shale; gray, soft to firm, rare pyrite in the matrix.

**Lansing 4566 (-1975) A +1 B -8**

Mudstone; cream, tan, off white, fossiliferous, free off white sharp chert.

Packstone to Wackestone; cream to buff, some off white, hard to brittle, most chalky, micro-oolitic to small oolites, dull yellow mineral fluorescence only, no show, rare porosity in dry.

Mudstone; cream off white to gray, soft chalky, hard crystalline.

Mudstone; brown, hard, crystalline tight look wet, some fossil fragments in the matrix, no show.

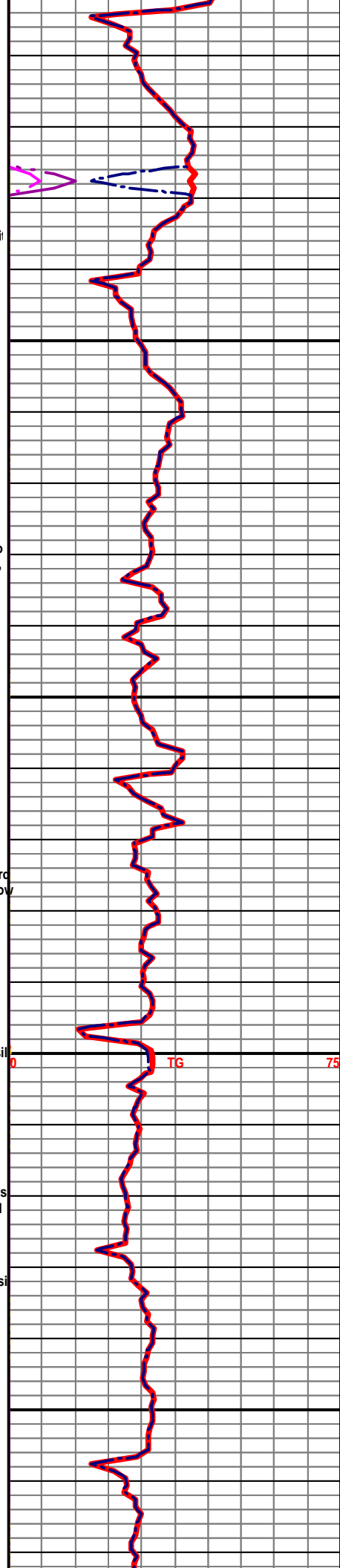
Mudstone; gray, dark gray, hard-crystalline, firm chalky, free chert.

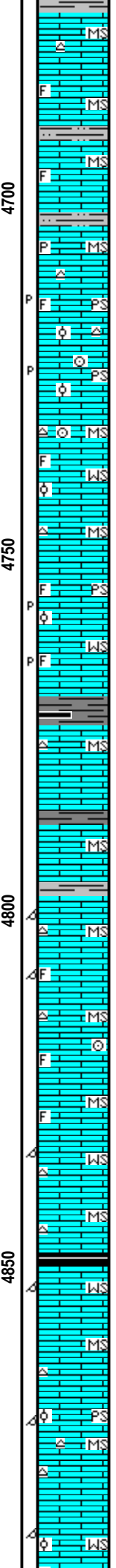
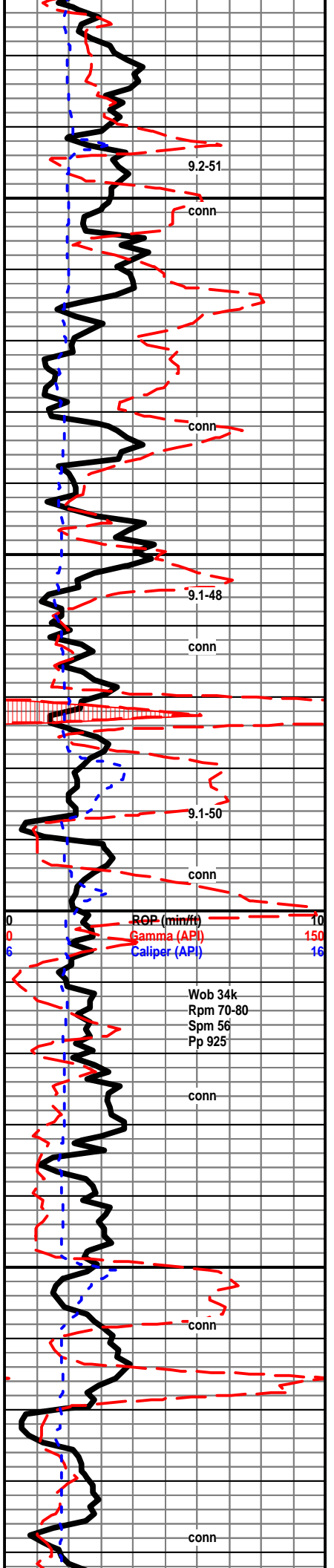
Packstone to Wackestone; fossil fragments and micro-oolites in a tight looking matrix-wet, no show, rare crinoid stem, dull yellow mineral fluorescence only.

Mudstone; cream to buff, most chalky matrix, some with fossil fragments in the matrix, no show.

Packstone to Wackestone; brown to cream, chalky to crystalline matrix, fossil fragments in the matrix, yellow mineral fluorescence only, no show in wet sample.

Mudstone; gray, cream, hard, most chalky, free blocky gray chert.





Shale; increase in gray to gray-green here

Mudstone; cream to brown, chalky to crystalline, most hard, scattered fossil fragments in the matrix, looks tight in the wet sample, no show, free gray-mottled blue chert here.

Mudstone; cream to gray, hard to brittle, chalky to crystalline matrix, looks dense in wet, some with fossil fragments, dull yell mineral fluorescence only,

Shale; gray, gray green some silty.

Mudstone; as above.

Packstone to Wackestone; cream to brown, hard, oolitic to micro-oolitic, some fossil fragments in the matrix, looks tight in wet, barren porosity in the dry, rare crinoid stem, rare sharp light gray chert.

Wackestone to Packstone; fossiliferous to micro-oolitic, chalky to crystalline, dull yellow mineral fluorescence only, no show.

Mudstone; brown, hard, very fine crystalline, dense looking.

Packstone to Wackestone; cream, hard, small oolitic to micro-oolitic, some fossils, chalky to crystalline matrix, rare free blue gray chert, rare barren porosity in the dry sample, no show.

Shale; small influx, gray, dark gray and black here.

Mudstone; as above, no real change here.

Shale; gray, dark gray, black.

Mudstone; brown to gray, hard, crystalline to chalky, dense looking in wet,

Shale; influx, green waxy here.

Mudstone to Wackestone; cream to gray, some fossiliferous, chalky to crystalline, trace free light gray to off white chert, some spicular, no show, from rare oomoldic porosity.

Mudstone to Wackestone; most as above; some small oolites and micro-oolites, dense looking wet, no show, rare crinoid stem.

Mudstone; cream to off white, most chalky, some with fossil fragments, dull yellow-gold mineral fluorescence no show.

Wackestone; fossiliferous to micro-oolitic, some barren oomoldic porosity.

Mudstone; chalky to crystalline, some free light blocky chert.

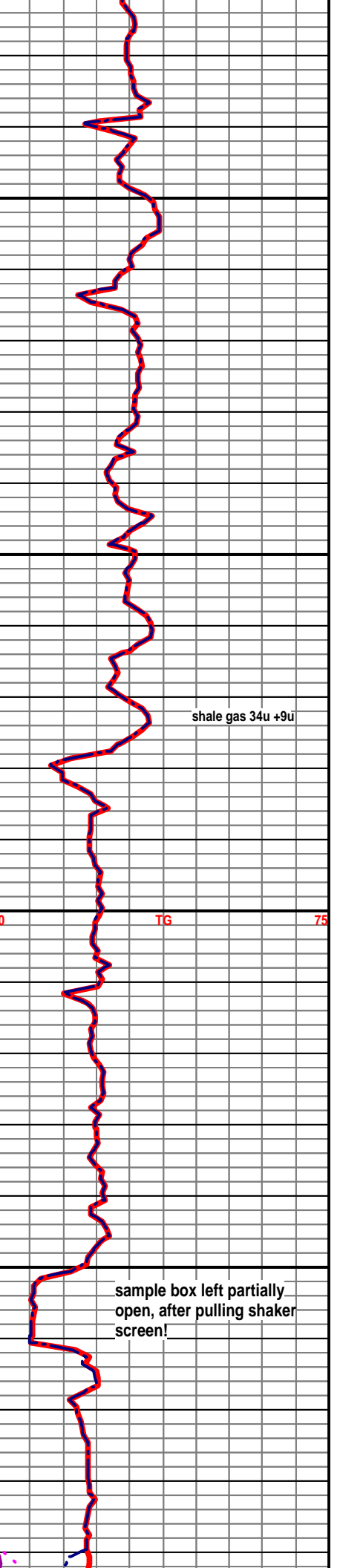
Wackestone; brown, hard, crystalline, some barren oomoldic porosity, no show, dull yellow to gold mineral fluorescence only.

Mudstone; cream to tan, chalky, dense looking.

Packstone; cream to off white, hard, small oolites to micro-oolitic, some oomoldic, some free chert, no show.

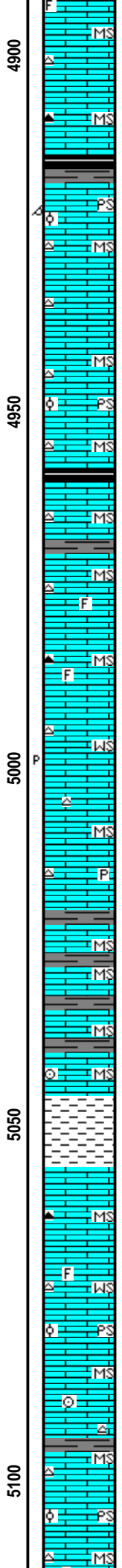
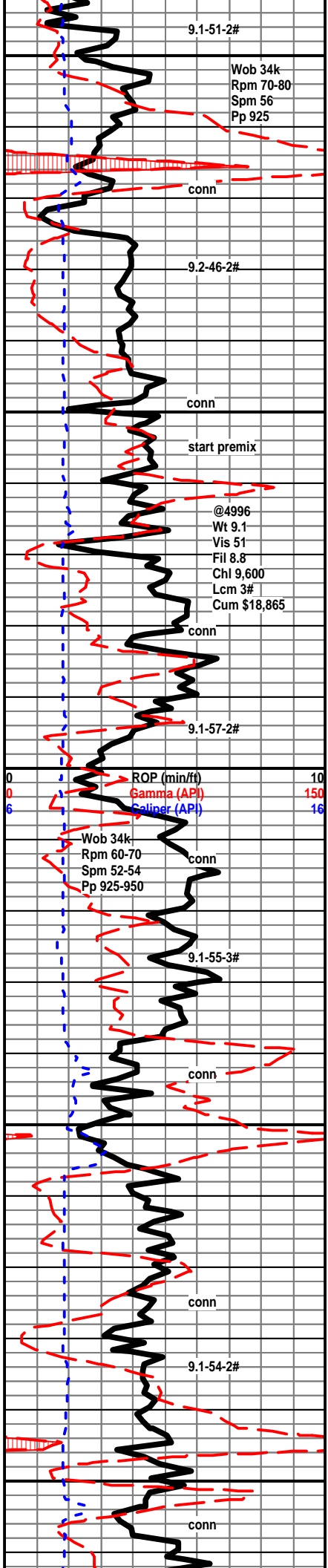
Mudstone; cream to off white, hard, some soft-chalky, some crystalline-silky.

Wackestone; cream to tan, fossiliferous, to small oolites, rare oomoldic, no show, very dull mineral fluorescence only.



sample box left partially open, after pulling shaker screen!





Mudstone; as above, rare light gray free oolitic to fossiliferous chert.

Mudstone; cream to brown, hard to soft, chalky to crystalline, rare dark free blocky chert.

**Stark Shale; 4916 (-2325) A -2 B -8**

Packstone; cream to tan, oolitic, some medium, rare barren oomoldic porosity, no show, very dull mineral fluorescence.

Mudstone; cream to tan, free white fossiliferous chert, free and in the matrix.

Mudstone; as above.

Packstone; slight increase here, cream to tan, oolitic, tight look in the wet sample, very dull yellow-gold to with mineral fluorescence only, no show.

**Husp. Shale; 4959 (-2368) A +1 B -3**

Mudstone; increase in brown here, most crystalline-dense, fr off white fossiliferous chert.

Shale; dark gray, black.

Mudstone; tan, off white, to brown, chalky to crystalline, most hard to firm, dull gold mineral fluorescence, blue-gray free chert.

Mudstone; influx, dark gray to black, mottled brown, crystalline, hard, dense, rare free fossil fragments.

Wackestone; cream to gray, some tan, hard, micro-oolitic and fossiliferous, tight look wet, rare barren porosity in the dry sample visible.

Mudstone to Wackestone; off white, cream to tan, chalky to brown-crystalline, dense look wet, no visible porosity in the dry, rare pyrite here.

Shale; increase in dark gray and gray, soft to firm.

Mudstone; dark gray, hard, very fine crystalline look, dense.

Shale; gray to dark gray, some black.

Shale; influx very soft, slightly amorphous light gray, claystone look.

**Marmaton 5057 (-2466) A +2 B -4**

Mudstone; cream to buff, most chalky, hard to brittle, rare free black blocky chert here, dull mineral fluorescence here.

Wackestone to Mudstone; cream to gray, hard to brittle, chalky to crystalline, micro-fossiliferous, dull yellow-gold mineral fluorescence only, no show.

Packstone; cream, with large oolites in tight matrix, chalky to crystalline, no show.

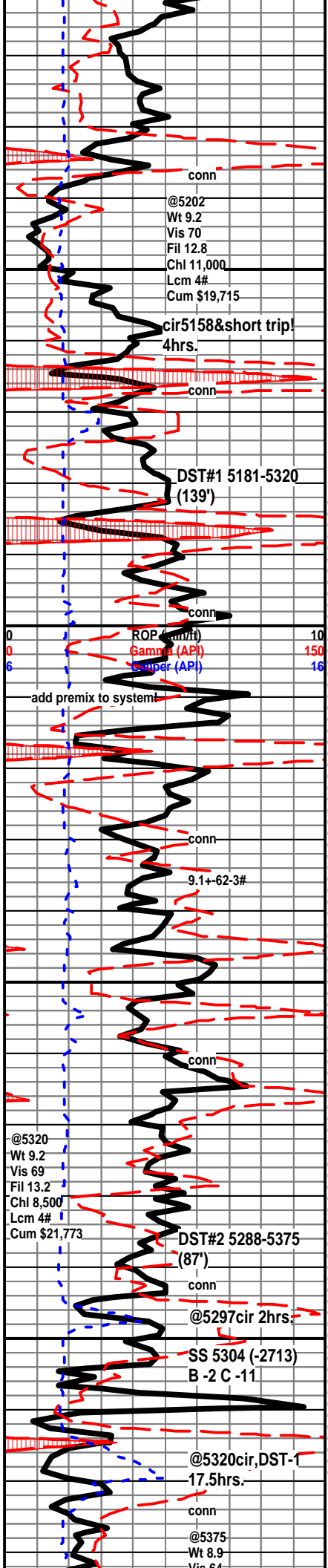
Mudstone; influx, brown, crystalline-hard, dense, rare free crinoid stem.

Shale; dark gray to black influx here, cave?

Packstone; off white to cream, large oolites in a tight crystalline matrix, no show, dull yellow-gold mineral fluorescence only.

shale gas 32u +12u

TG 75

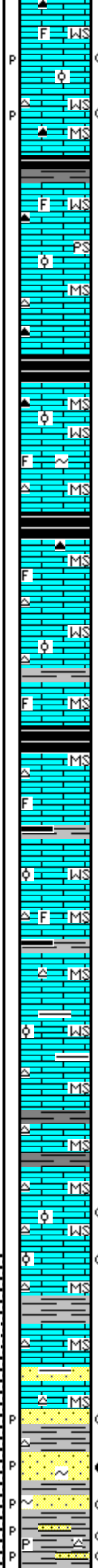


5150

5200

5250

5300



Wackestone to occasional Packstone; cream, firm, micro-fossiliferous to rare micro-oolites, rare light brown oil in spotty porosity, bright fluorescence with instant cut, no odor, no free oil in tray.

Shale; dark gray to soft-black, no visible gas!

### Pawnee 5138 (-2574) A +4 B -10

Packstone to Wackestone; cream to off white, most chalky, some soft, some crystalline and brittle, micro to small oolites in the matrix, along with fossil fragments, looks tight in the wet, no odor, one sample with residual ring cut-from above?, no visible porosity in the wet, or dry sample.

### Labette 5153 (-25620 A +3 B +3

Shale; black carbonaceous, hard-gassy.

Wackestone to Packstone; hard to brittle, oolitic to micro-oolitic, some fossil fragments in the matrix, tight look in wet, chalky to crystalline matrix, rare glauconite, free chert, rare chert in matrix.

### Cherokee 5184 (-2593) A +7 B -7

Shale; black carbonaceous, hard-gassy.

Mudstone; cream gray, hard, most chalky, dull blue-gray mineral fluorescence.

Wackestone; fossiliferous to fossil fragments, some fine sized oolites, most micro-oolites, tight looking matrix, scattered free to matrix fossiliferous chert.

Shale; rare green-waxy.

### 2nd CKE 5215 (-2624) A +8 B -6

Shale; black carbonaceous, no visible gas.

Mudstone; cream to brown, hard, chalky to crystalline matrix, dense look in wet, scattered oolitic packstone and wackestone here-cave?, no show.

Shale; soft light gray, mixed with black carb.

Wackestone; cream to brown, fossiliferous to micro-oolitic, very dull gold mineral fluorescence.

Mudstone; as above, scattered off white free sharp chert, no visible chert in the matrix, no show.

Most mudstone as above, mixed with micro-oolitic tight looking Wackestone; no show, no cut on selected samples.

Mudstone; cream to brown, and mixed with gray, hard to soft, most chalky, some crystalline, slight increase in dark gray and black shales.

Shale; most as above, some green waxy.

Wackestone; cream, chalky, micro-oolitic, 3 samples with bright yellow floor. instant cut, 2 samples with rare spotty stain with instant cut, no odor, no visible oil, no visible porosity.

Shale; slight increase in very soft pale green here.

### B/P 5294 (-2703) A +5 B -4

Sandstone; one cluster light gray, argillaceous, no show.

Sandstone; less than 5%, off white, light gray, vfg, vrywlrtd, rounded, friable, non-calc cmt, rare spotty stain wet, mosre even stain in dry, bright yell-white floor, inst cut, no visible oil some with bleeding gas and rainbow look, very slight odor, trace looks barren.

Shale; increase in green to sea green, rare ocher, most waxy, some blocky to tabular, mixed with light to dark gray Sandstone; vfg to ufg, welsrtd, subrnd, calc cmt, most look

16u  
shale gas 27u +9

20u  
17u  
21u recycle +4?  
trip gas 41u

shale gas 28u +10

Shale gas 57u +28

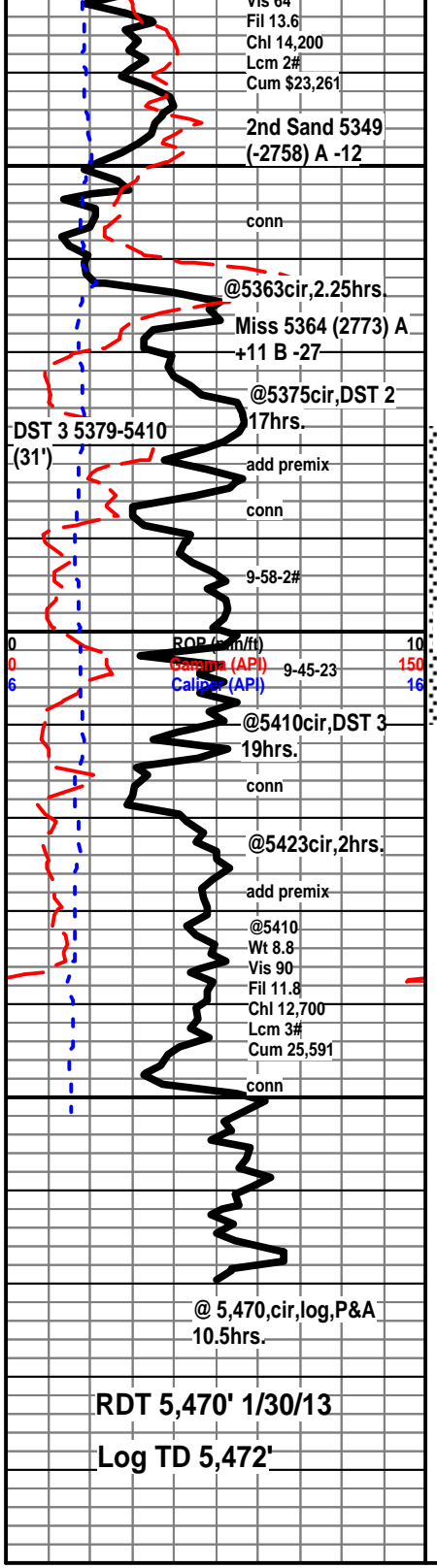
note after drilling Cherokee, we have an increase in heavy gasses!

30u  
40u +10u  
41u +11U

note scale change!

Scale Change  
TG 30u +15

75u +52  
58u  
76u recycle!



highly argillaceous, scattered clusters with bleeding gas and rainbow look when broken, show sand with very dull fluor and cut, high % of sample is still limestone!

Shale as above, most green waxy and black.

Sandstone; gray to dark gray, scattered off white and mottled gray, rare white, vfg-ufg, brittle, rare friable, wlsrtd, subrnd, most hghly argillaceous, some glauconitic, very few clusters with very dull gold fluor-instant cut, most with no fluor no show, most look barren, most clusters with no visible porosity, no odor, rare rainbow look when broken, some black dead stain, scattered porosity in dry.

Wackestone to Packstone; small to micro-oolitic, rare medium oolites, most chalky matrix, no show, faint sample odor in 1 circulated sample, rare oolitic to fossiliferous chert, rare glauc in matrix.

Wackestone to some Packstone; cream to off white, most soft-chalky, rare firm-crystalline matrix, vs to small oolites in tight looking-chalky matrix, 3 show samples with slow milky on very dull gold fluor, no odor, no visible oil or gas bubbles, rare barren porosity, 1 sample in the dry with spotty stain, one sample with oomoldic por-calcite lined.

Packstone to Wackestone, some medium oolites in a chalky matrix, rare galuc, no show here, aa much shale in samples!

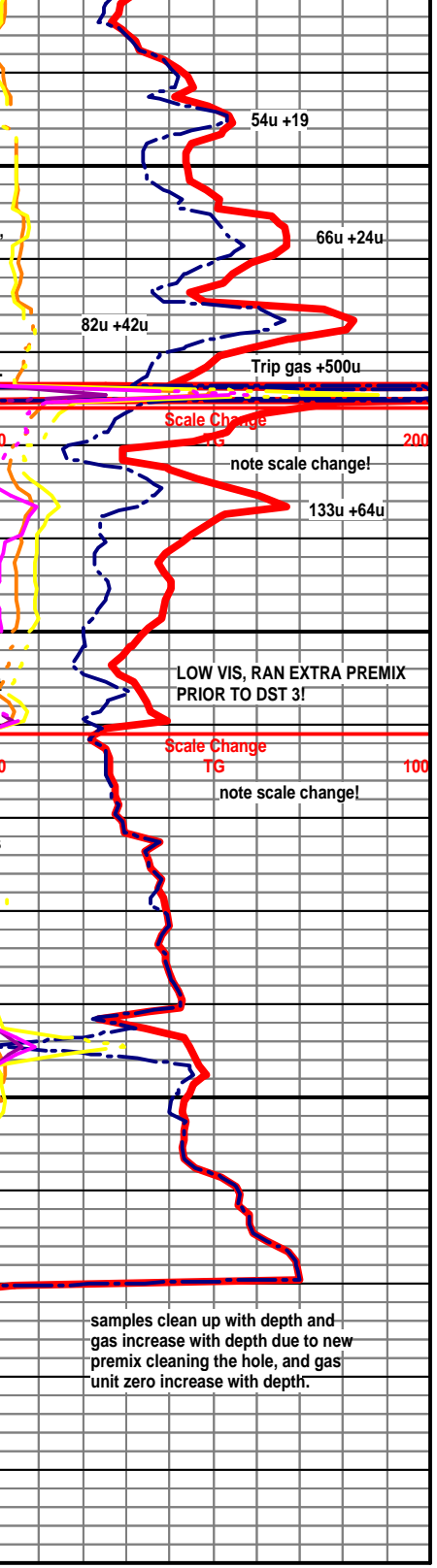
Packstone to Wackestone as above, one sample with dull gold fluor, visible light brown oil in porosity-instant bright cut. most oolites are in a soft-friable chalky matrix, rare spotty dark stain-no cut, 1 sample of chert with instant cut, and 1 sample of Wackestone with wormy stn and inst cut-no vis por! Show rocks from above?

cir 5423; 60% shale in samples, Packstone; most cream, chalky-rare crystalline matrix, one sample with medium oolites and micro-chert in the matrix, dull fluor, slow milky cut, poor patchy por, no visible oil or rainbow, most small oolites, no odor.

Packstone; light gray, sandy looking texture, micro-oolites, rare galuconite, most firm, chalky looking matrix, tight look wet, rare barren porosity in the dry, traces free oolitic white-mottled gray chert, sample as above hight % of shale.

Packstone; cream to gray, soft to firm, oolitic, most chalky matrix, rare crystalline matrix, 80% limestone, premix imporved sample quality.

Wackestone to Mudstone; cream, micro-oolitic, most chalky matrix, frim to brittle, increase in Mudstone with depth, abundant bone white, light gray to opaque free chert with depth, sharp to blocky, no show with depth.



Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

May 13, 2013

M,L. Korphage  
Vincent Oil Corporation  
155 N MARKET STE 700  
WICHITA, KS 67202-1821

Re: ACO1  
API 15-057-20872-00-00  
Shelor 1-33  
NW/4 Sec.33-29S-24W  
Ford County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
M,L. Korphage