



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1226130
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: _____



1226130

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: CLNTND5DST1

TIME ON: 0210
TIME OFF: 0945

Company OIL PRODUCERS INC. OF KANSAS Lease & Well No. CLINTON 'D' #5
Contractor SHIELDS RIG 1 Charge to OIL PRODUCERS INC. OF KANSAS
Elevation 2131 KB Formation C,D&E ZONES Effective Pay _____ Ft. Ticket No. M632
Date 3/26/2014 Sec. 5 Twp. _____ 12 S Range _____ 17 W County ELLIS State KANSAS
Test Approved By KENT MATSON Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 3388 ft. to 3430 ft. Total Depth 3430 ft.
Packer Depth 3383 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3388 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3370 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 3390 ft. Recorder Number E1150 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 51 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 7.2 cc. Weight Pipe Length 466 ft. I.D. 2 7/8 in.
Chlorides 3,100 P.P.M. Drill Pipe Length 2890 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 3 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 42 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (31'DP) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, BOB 23 MIN (NO BB)
2nd Open: WSB, BUILT TO 11 1/2" (NO BB)

Recovered 465 ft. of MW 4% MUD, 96% WTR, SLIGHT ODOR
Recovered 465 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of <u>CHLOR: 54,000 PPM</u>	Price Job
Recovered _____ ft. of <u>RW: 0.15 @ 60 DEG</u>	Other Charges
Remarks: <u>PH:7.0</u>	Insurance
<u>WEIGHT PIPE ARE TURNED DOWN COLLARS</u>	
<u>TOOL SAMPLE: ~100% WTR W/ A FEW SPOTS OF OIL, SLIGHT ODOR</u>	Total

Time Set Packer(s) 4:30 A.M. A.M. P.M. Time Started Off Bottom 8:00 A.M. A.M. P.M. Maximum Temperature 105°F

Initial Hydrostatic Pressure..... (A) 1681 P.S.I.
Initial Flow Period..... Minutes 30 (B) 22 P.S.I. to (C) 138 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 508 P.S.I.
Final Flow Period..... Minutes 45 (E) 141 P.S.I. to (F) 243 P.S.I.
Final Closed In Period..... Minutes 90 (G) 494 P.S.I.
Final Hydrostatic Pressure..... (H) 1673 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	OIL PRODUCERS INC. OF KANSAS	Job Number	M632
Well Name	CLINTON 'D' #5	Representative	MIKE COCHRAN
Unique Well ID	DST#1 3388-3430 C,D&E ZONES	Well Operator	OIL PRODUCERS INC. OF KANSAS
Surface Location	SEC.5-12S-17W ELLIS CO.KS.	Report Date	2014/03/26
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KENT MATSON
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 3388-3430 C,D&E ZONES		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/03/26	Start Test Time	02:05:00
Final Test Date	2014/03/26	Final Test Time	09:45:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
465' MW 4% MUD, 96% WTR, SLIGHT ODOR
465' TOTAL FLUID

CHLOR: 54,000 PPM
PH:7.0
RW: 0.15 @ 60 DEG

TOOL SAMPLE: ~100% WTR W/ A FEW SPOTS OF OIL, SLIGHT ODOR



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: CLNTND5DST2

TIME ON: 1710
TIME OFF: 2340

Company OIL PRODUCERS INC. OF KANSAS Lease & Well No. CLINTON 'D' #5
Contractor SHIELDS RIG 1 Charge to OIL PRODUCERS INC. OF KANSAS
Elevation 2131 KB Formation F ZONE Effective Pay _____ Ft. Ticket No. M633
Date 3/26/2014 Sec. 5 Twp. _____ 12 S Range _____ 17 W County ELLIS State KANSAS
Test Approved By KENT MATSON Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 3428 ft. to 3440 ft. Total Depth 3440 ft.
Packer Depth 3423 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3428 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3410 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 3430 ft. Recorder Number E1150 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 51 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 7.8 cc. Weight Pipe Length 466 ft. I.D. 2 7/8 in.
Chlorides 3,900 P.P.M. Drill Pipe Length 2930 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 3 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 12 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: A SURGE OF BUBBLES ON TOOL OPEN THEN MAINTAINED A WEAK INTERMITTENT 1/8" BLOW (NO BB)
2nd Open: NO BLOW (NO BLOW BACK)

Recovered <u>1</u> ft. of <u>DM 100% MUD</u>	Price Job Other Charges Insurance Total
Recovered <u>1</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	
<u>TOOL SAMPLE: 100% MUD W/ SLIGHT ODOR</u>	

Time Set Packer(s) 7:00 P.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 9:45 P.M. ^{A.M.}/_{P.M.} Maximum Temperature 95°F
Initial Hydrostatic Pressure..... (A) 1661 P.S.I.
Initial Flow Period..... Minutes 30 (B) 6 P.S.I. to (C) 8 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 35 P.S.I.
Final Flow Period..... Minutes 30 (E) 8 P.S.I. to (F) 8 P.S.I.
Final Closed In Period..... Minutes 60 (G) 21 P.S.I.
Final Hydrostatic Pressure..... (H) 1649 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	OIL PRODUCERS INC. OF KANSAS	Job Number	M633
Well Name	CLINTON 'D' #5	Representative	MIKE COCHRAN
Unique Well ID	DST#2 3428-3440 F ZONE	Well Operator	OIL PRODUCERS INC. OF KANSAS
Surface Location	SEC.5-12S-17W ELLIS CO.KS.	Report Date	2014/03/26
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KENT MATSON
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 3428-3440 F ZONE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/03/26	Start Test Time	17:10:00
Final Test Date	2014/03/26	Final Test Time	23:40:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

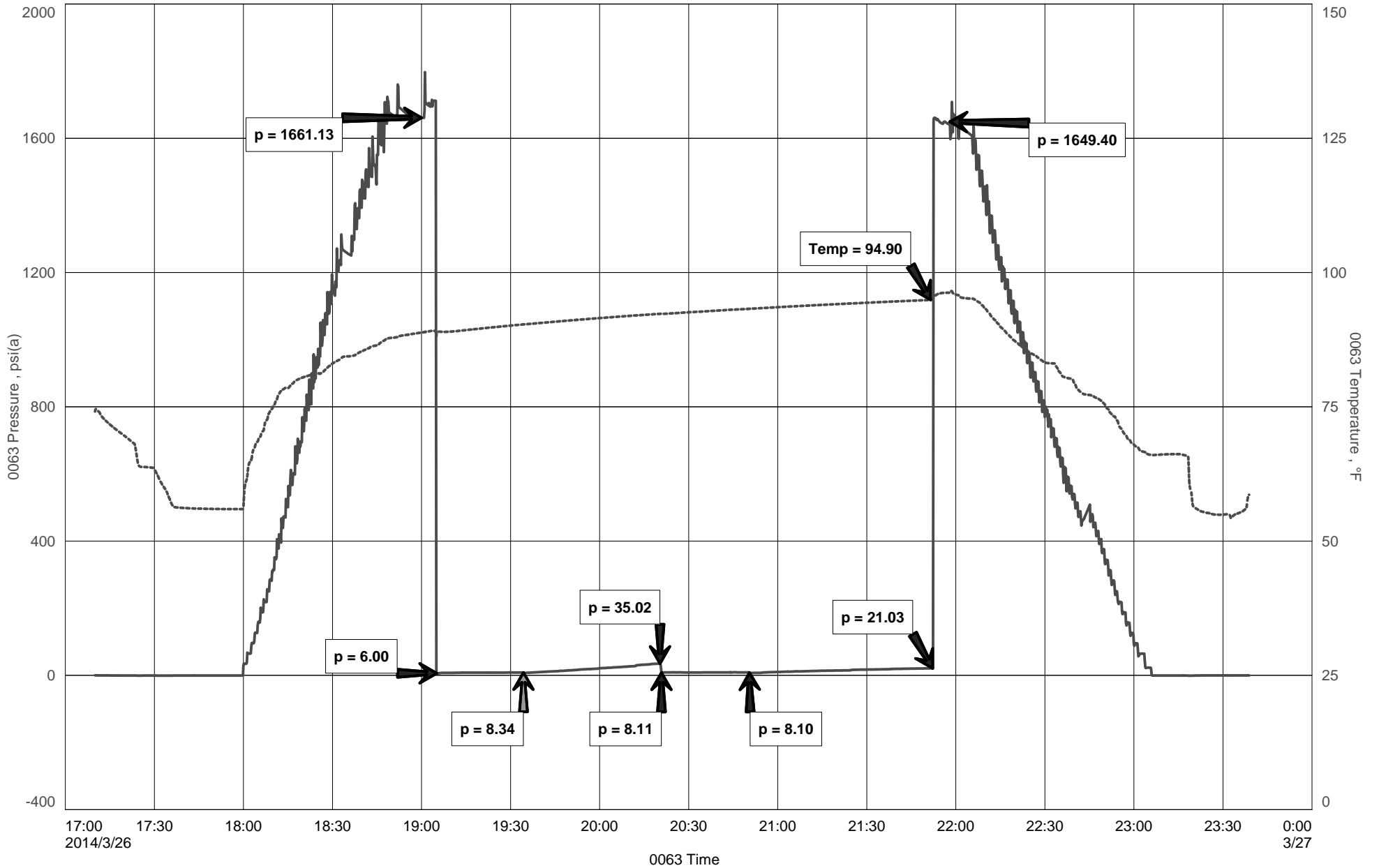
Remarks RECOVERED:
1' DM 100% MUD
1' TOTAL FLUID

TOOL SAMPLE: 100% MUD W/ SLIGHT ODOR

OIL PRODUCERS INC. OF KANSAS
DST#2 3428-3440 F ZONE
Start Test Date: 2014/03/26
Final Test Date: 2014/03/26

CLINTON 'D' #5
Formation: DST#2 3428-3440 F ZONE
Pool: WILDCAT
Job Number: M633

CLINTON 'D' #5





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: CLNTND5DST3

TIME ON: 0815
TIME OFF: 1330

Company OIL PRODUCERS INC. OF KANSAS Lease & Well No. CLINTON 'D' #5
Contractor SHIELDS RIG 1 Charge to OIL PRODUCERS INC. OF KANSAS
Elevation 2131 KB Formation G ZONE Effective Pay _____ Ft. Ticket No. M634
Date 3/27/2014 Sec. 5 Twp. _____ 12 S Range _____ 17 W County ELLIS State KANSAS
Test Approved By KENT MATSON Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 3438 ft. to 3470 ft. Total Depth 3470 ft.
Packer Depth 3433 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3438 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3420 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 3440 ft. Recorder Number E1150 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 56 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 7.8 cc. Weight Pipe Length 466 ft. I.D. 2 7/8 in.
Chlorides 3,900 P.P.M. Drill Pipe Length 2940 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 3 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 32 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: A SURGE OF BUBBLES ON TOOL OPEN THEN A WEAK INTERMITTENT SB THAT DIED AFTER 9 MIN (NO BB)
2nd Open: NO BLOW (NO BB)

Recovered <u>-2</u> ft. of <u>VSOSWM 2% WTR ~98% DRLG MUD W/ A FEW SPECKS OF OIL</u>	
Recovered <u>-2</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of <u>CHLOR: 6,000 PPM</u>	
Recovered _____ ft. of <u>RW: 1.20 @ 60 DEG (RESISTIVITY NOMOGRAPH)</u>	Price Job
Recovered _____ ft. of <u>PH:7.5</u>	Other Charges
Remarks: _____	Insurance
<u>TOOL SAMPLE: 10% WTR, ~90% DRLG MUD W/ A FEW SPECKS OF OIL, VERY SLIGHT ODOR</u>	Total

Time Set Packer(s) 10:00 A.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 12:00 P.M. ^{A.M.}/_{P.M.} Maximum Temperature 94°F

Initial Hydrostatic Pressure..... (A) 1683 P.S.I.
Initial Flow Period..... Minutes 30 (B) 6 P.S.I. to (C) 10 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 158 P.S.I.
Final Flow Period..... Minutes 30 (E) 10 P.S.I. to (F) 11 P.S.I.
Final Closed In Period..... Minutes 30 (G) 86 P.S.I.
Final Hydrostatic Pressure..... (H) 1658 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	OIL PRODUCERS INC. OF KANSAS	Job Number	M634
Well Name	CLINTON 'D' #5	Representative	MIKE COCHRAN
Unique Well ID	DST#3 3438-3470 G ZONE	Well Operator	OIL PRODUCERS INC. OF KANSAS
Surface Location	SEC.5-12S-17W ELLIS CO.KS.	Report Date	2014/03/27
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KENT MATSON
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#3 3438-3470 G ZONE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/03/27	Start Test Time	08:15:00
Final Test Date	2014/03/27	Final Test Time	13:30:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
~2 VSOSWM 2% WTR ~98% DRLG MUD W/ A FEW SPECKS OF OIL
~2' TOTAL FLUID

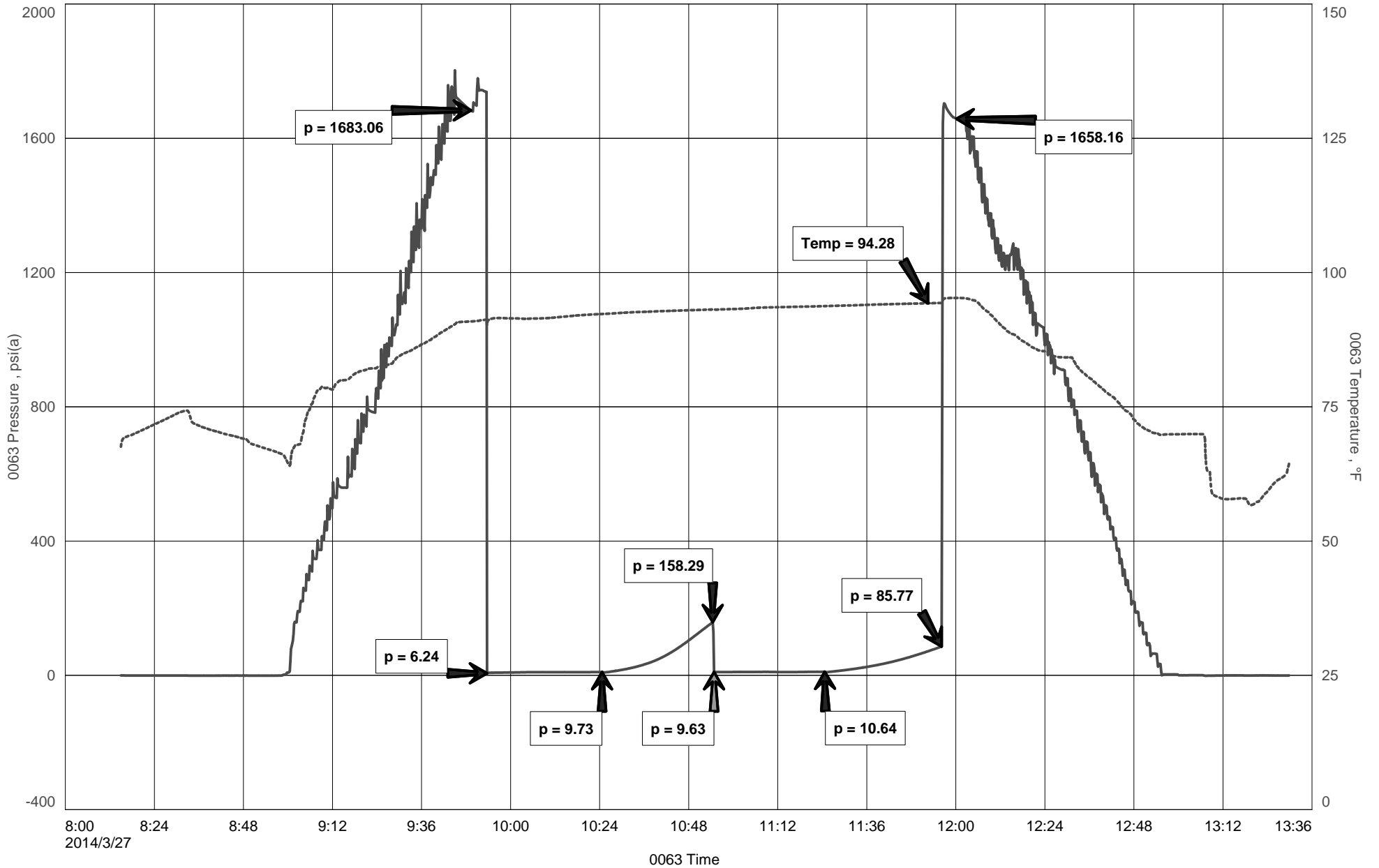
CHLOR: 6,000 PPM
PH:7.5
RW: 1.20 @ 60 DEG (RESISTIVITY NOMOGRAPH)

TOOL SAMPLE: 10% WTR, ~90% DRLG MUD W/ A FEW SPECKS OF OIL, VERY SLIGHT ODOR

OIL PRODUCERS INC. OF KANSAS
DST#3 3438-3470 G ZONE
Start Test Date: 2014/03/27
Final Test Date: 2014/03/27

CLINTON 'D' #5
Formation: DST#3 3438-3470 G ZONE
Pool: WILDCAT
Job Number: M634

CLINTON 'D' #5





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: CLNTND5DST4

TIME ON: 0850
TIME OFF: 1645

Company OIL PRODUCERS INC. OF KANSAS Lease & Well No. CLINTON 'D' #5
Contractor SHIELDS RIG 1 Charge to OIL PRODUCERS INC. OF KANSAS
Elevation 2131 KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. M635
Date 3/28/2014 Sec. 5 Twp. 12 S Range 17 W County ELLIS State KANSAS
Test Approved By KENT MATSON Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 3610 ft. to 3640 ft. Total Depth 3640 ft.
Packer Depth 3605 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3610 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3592 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 3612 ft. Recorder Number E1150 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 51 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.5 Water Loss 8.0 cc. Weight Pipe Length 466 ft. I.D. 2 7/8 in.
Chlorides 6,800 P.P.M. Drill Pipe Length 3112 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 3 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 30 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, BOB 19 MIN. (NO BB)
2nd Open: WSB, BOB 31 MIN. (WEAK BB LATE IN SHUT IN)

Recovered <u>~85</u> ft. of <u>GIP</u>	
Recovered <u>40</u> ft. of <u>SMCWO 70% OIL, 22% WTR, 8% MUD</u>	
Recovered <u>378</u> ft. of <u>SMCWO 55% OIL, 37% WTR, 8% MUD (101'DP, 277'WT PIPE)</u>	
Recovered <u>189</u> ft. of <u>SOCMW 4% OIL, 88% WTR, 8% MUD (189' WT PIPE)</u>	
Recovered <u>607</u> ft. of <u>TOTAL FLUID</u>	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>PH:7.0 CHLOR: 23,000 PPM RW: .72 @ 70 DEG</u>	Insurance
<u>TOOL SAMPLE: 6% OIL, 92% WTR, 2% MUD</u>	Total

Time Set Packer(s) 10:30 A.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 2:15 P.M. ^{A.M.}/_{P.M.} Maximum Temperature 107°F

Initial Hydrostatic Pressure..... (A) 1803 P.S.I.
Initial Flow Period..... Minutes 30 (B) 15 P.S.I. to (C) 137 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 601 P.S.I.
Final Flow Period..... Minutes 60 (E) 142 P.S.I. to (F) 257 P.S.I.
Final Closed In Period..... Minutes 90 (G) 586 P.S.I.
Final Hydrostatic Pressure..... (H) 1767 P.S.I.

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DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	OIL PRODUCERS INC. OF KANSAS	Job Number	M635
Well Name	CLINTON 'D' #5	Representative	MIKE COCHRAN
Unique Well ID	DST#4 3610-3640 ARBUCKLE	Well Operator	OIL PRODUCERS INC. OF KANSAS
Surface Location	SEC.5-12S-17W ELLIS CO.KS.	Report Date	2014/03/28
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KENT MATSON
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#4 3610-3640 ARBUCKLE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/03/28	Start Test Time	08:15:00
Final Test Date	2014/03/28	Final Test Time	16:45:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:

~85 GIP
40' SMCWO 70% OIL, 22% WTR, 8% MUD
378' SMCWO 55% OIL, 37% WTR, 8% MUD (101'DP, 277'WT PIPE)
189' SOCMW 4% OIL, 88% WTR, 8% MUD (189' WT PIPE)
607' TOTAL FLUID

CHLOR: 23,000 PPM

PH:7.0

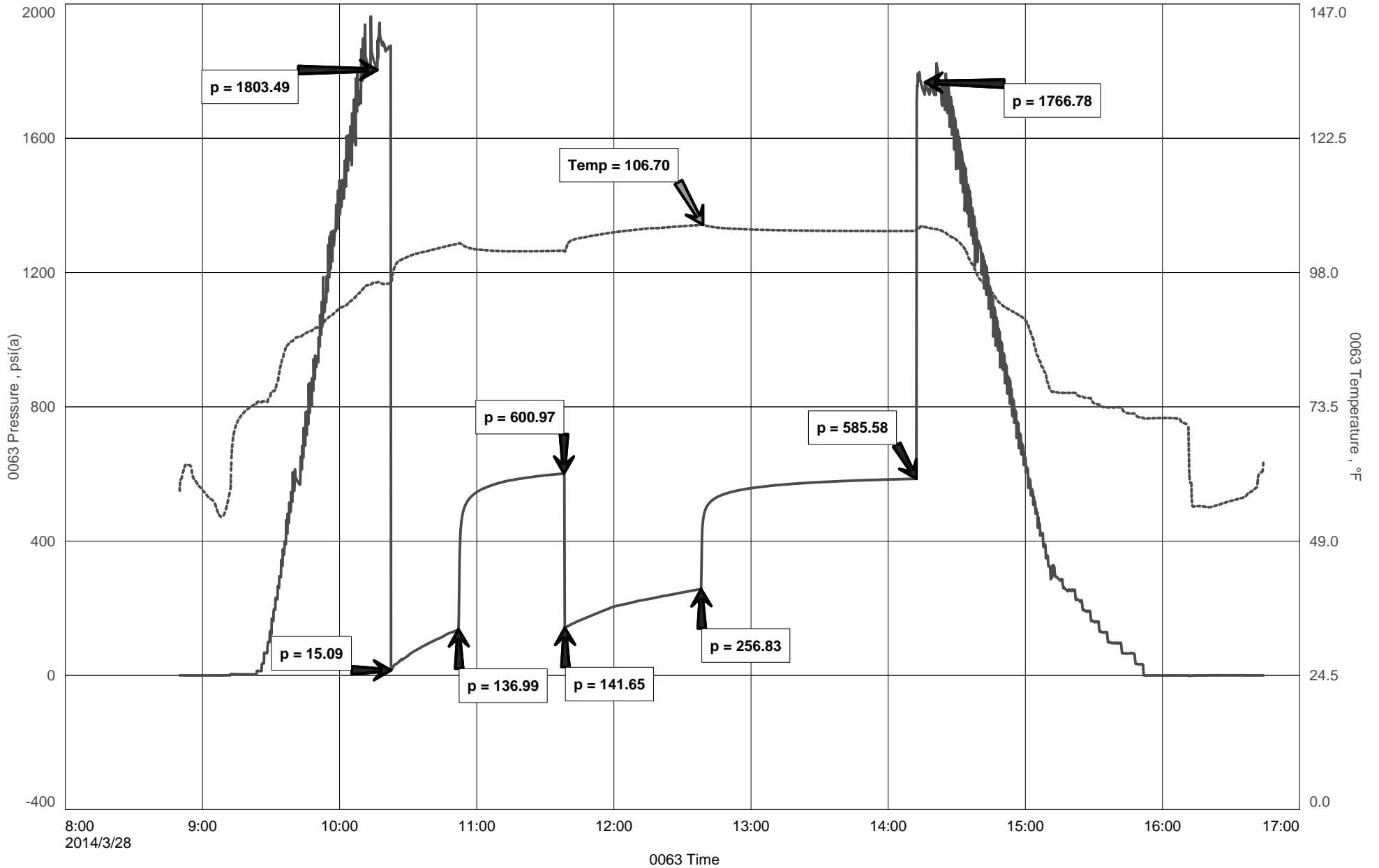
RW: .72 @ 70 DEG

TOOL SAMPLE: 6% OIL, 92% WTR, 2% MUD

OIL PRODUCERS INC. OF KANSAS
DST#4 3610-3640 ARBUCKLE
Start Test Date: 2014/03/28
Final Test Date: 2014/03/28

CLINTON 'D' #5
Formation: DST#4 3610-3640 ARBUCKLE
Pool: WILDCAT
Job Number: M635

CLINTON 'D' #5





INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 142185

Invoice Date: Mar 29, 2014

Voice: (817) 546-7282

Page: 1

Fax: (817) 246-3361

Bill To:
Oil Producers, Inc. of KS 1710 Waterfront Parkway Wichita, KS 67206

Customer ID	Field Ticket #	Payment Terms	
OilPr	55176	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-02	Russell	Mar 29, 2014	4/28/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Clinton D #5		
275.00	CEMENT MATERIALS	Acon	21.00	5,775.00
155.00	CEMENT MATERIALS	ASC	20.90	3,239.50
774.00	CEMENT MATERIALS	Gilsonite	0.67	518.58
500.00	CEMENT MATERIALS	Mud Flush	1.40	700.00
430.00	CEMENT SERVICE	Cubic Feet Charge	2.48	1,066.40
405.00	CEMENT SERVICE	Ton Mileage Charge	2.60	1,053.00
1.00	CEMENT SERVICE	Production -- Bottom Stage	2,483.59	2,483.59
20.00	CEMENT SERVICE	Heavy Vehicle Mileage	7.70	154.00
20.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	88.00
1.00	CEMENT SERVICE	Plug Container	275.00	275.00
1.00	CEMENT SERVICE	Production -- Top Stage	2,213.75	2,213.75
1.00	EQUIPMENT SALES	5-1/2 Float Shoe	545.00	545.00
1.00	EQUIPMENT SALES	5-1/2 Latch Down	660.00	660.00
1.00	EQUIPMENT SALES	5-1/2 2 Stage Tool	5,335.00	5,335.00
2.00	EQUIPMENT SALES	5-1/2 Basket	394.29	788.58
6.00	EQUIPMENT SALES	5-1/2 Centralizer	57.00	342.00
1.00	CEMENT SUPERVISOR	Tony Pfannenstiel		
1.00	OPERATOR ASSISTANT	Danny Sinner		
1.00	OPERATOR ASSISTANT	Joe Goodson		
1.00	OPERATOR ASSISTANT	Jesse Cozart		

Subtotal	18,928.05	25,237.40
Sales Tax		1,101.08
Total Invoice Amount		26,338.48
Payment/Credit Applied		
TOTAL		26,338.48

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 6,309.35

ONLY IF PAID ON OR BEFORE

Apr 23, 2014

ALLIED OIL & GAS SERVICES, LLC

055176
56176

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell, KS

DATE	SEC	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
3.29.14	5	12	17				
LEASE <u>Clifton</u>	WELL# <u>5</u>	LOCATION <u>Tollon - 150 East</u>		COUNTY <u>Ellis</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>				<u>8 m e i s t o</u>			

CONTRACTOR <u>Shields #1</u>	OWNER
TYPE OF JOB <u>Long String</u>	CEMENT
HOLE SIZE <u>5 1/2</u>	AMOUNT ORDERED <u>275sk - A-Con.</u>
CASING SIZE <u>5 1/2</u>	<u>155sk - ASCA</u>
TUBING SIZE	
DRILL PIPE	
TOOL	
PRES. MAX	
MEAS. LINE	
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC	@	

EQUIPMENT	
PUMP TRUCK # <u>417</u>	CEMENTER <u>Long Approach</u>
BULK TRUCK # <u>410</u>	HELPER <u>Danny S</u>
BULK TRUCK # <u>481</u>	DRIVER <u>Joe B.</u>
	DRIVER <u>Joe C</u>

<u>275sk A-Con</u>	@	<u>21.00</u>	<u>\$5,775.00</u>
<u>155sk ASCA</u>	@	<u>20.9</u>	<u>\$3,139.50</u>
<u>Wilsonite 77416</u>	@	<u>16.7</u>	<u>\$518.58</u>
<u>Thick Plast 500</u>	@	<u>1.40</u>	<u>\$700.00</u>
HANDLING <u>430</u>	@	<u>2.48</u>	<u>\$1,066.40</u>
MILEAGE <u>405</u>	@	<u>2.60</u>	<u>\$1,053.00</u>
TOTAL			<u>\$12,352.48</u>

REMARKS:

See Cementing Job Log
Cement to Surface

SERVICE

DEPTH OF JOB	<u>3679</u>
PUMP TRUCK CHARGE	<u>\$2,483.59</u>
EXTRA FOOTAGE	@
MILEAGE <u>405</u>	@ <u>2.7</u> <u>\$1,054.00</u>
MANIFOLD <u>High 20m</u>	@ <u>4.4</u> <u>\$880.00</u>
<u>1x Plug Container</u>	@ <u>2.75</u> <u>\$275.00</u>
<u>Depth 21001-2000</u>	@ <u>2.13</u> <u>\$2,130.00</u>
TOTAL <u>\$5,214.34</u>	

CHARGE TO: Oil Producers of Kansas
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOATEQUIPMENT

<u>1x 5 1/2 Float Shoe</u>	@	<u>545.00</u>
<u>1x 5 1/2 Anchor Down</u>	@	<u>160.00</u>
<u>1x 5 1/2 2 Stage Tool</u>	@	<u>535.00</u>
<u>2x 5 1/2 Baskets</u>	@	<u>394.29</u> <u>\$788.58</u>
<u>6x 5 1/2 Centralizer</u>	@	<u>57.</u> <u>\$342.00</u>
TOTAL <u>\$7,670.58</u>		

To: Allied Oil & Gas Services, 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.

SALES TAX (if Any)	
TOTAL CHARGES	<u>\$ 25,237.40</u>
DISCOUNT	<u>\$ 6,309.35</u> IF PAID IN 30 DAYS
Net <u>18,928.05</u>	

PRINTED NAME Rickey Lopp
SIGNATURE Rickey Lopp



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 142018
Invoice Date: Mar 21, 2014
Page: 1

Bill To:
Oil Producers, Inc. of KS 1710 Waterfront Parkway Wichita, KS 67206

Customer ID	Field Ticket #	Payment Terms	
OilPr	54211	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	Mar 21, 2014	4/20/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Clinton D #5		
282.00	CEMENT MATERIALS	Gel	0.24	67.68
423.00	CEMENT MATERIALS	Chloride	0.80	338.40
150.00	CEMENT MATERIALS	60/40 Blend	14.93	2,239.50
150.00	CEMENT SERVICE	Cubic Feet Charge	2.48	372.00
141.00	CEMENT SERVICE	Ton Mileage Charge	2.60	366.60
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
20.00	CEMENT SERVICE	Pump Truck Mileage	7.70	154.00
20.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	88.00
1.00	CEMENT SUPERVISOR	Glenn Ginther		
1.00	EQUIPMENT OPERATOR	Nathan Donner		
1.00	EQUIPMENT OPERATOR	Kevin Rupp		

ENTERED

MAR 31 2014

IDC
902-08
Cement 8 5/8" CSG F#5

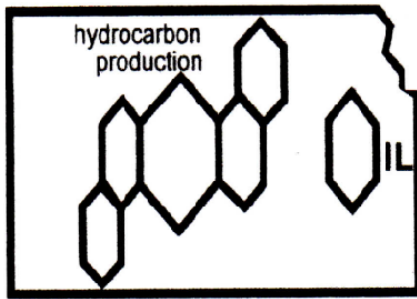
ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 1,284.61 *25%*

ONLY IF PAID ON OR BEFORE
Apr 15, 2014

Subtotal	5,138.43
Sales Tax <i>Ellis Co for 10/15-</i>	162.70
Total Invoice Amount	5,301.13
Payment/Credit Applied	
TOTAL	5,301.13

5138.43
<1284.61>
3853.82
+SIT 122.03
3975.85



OIL PRODUCERS, INC. OF KANSAS

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

Well Name: Clinton 'D' #5

Location: 1953' FNL & 924' FWL, Sec 05-T12S-R17W, Ellis County, Kansas

License Number: API: 15-051-26662

Region: Bemis-Shutts

Spud Date: 03/20/2014

Drilling Completed: 03/28/2014

Surface Coordinates: Lat: 39.0397583

Long: -99.237956

Bottom Hole Coordinates: Vertical hole

Ground Elevation (ft): 2126'

K.B. Elevation (ft): 2131'

Logged Interval (ft): 3300' To: RTD

Total Depth (ft): 3690'

Formation: Arbuckle at RTD

Type of Drilling Fluid: Chemical

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

OPERATOR

Company: OIL PRODUCERS, INC. OF KANSAS

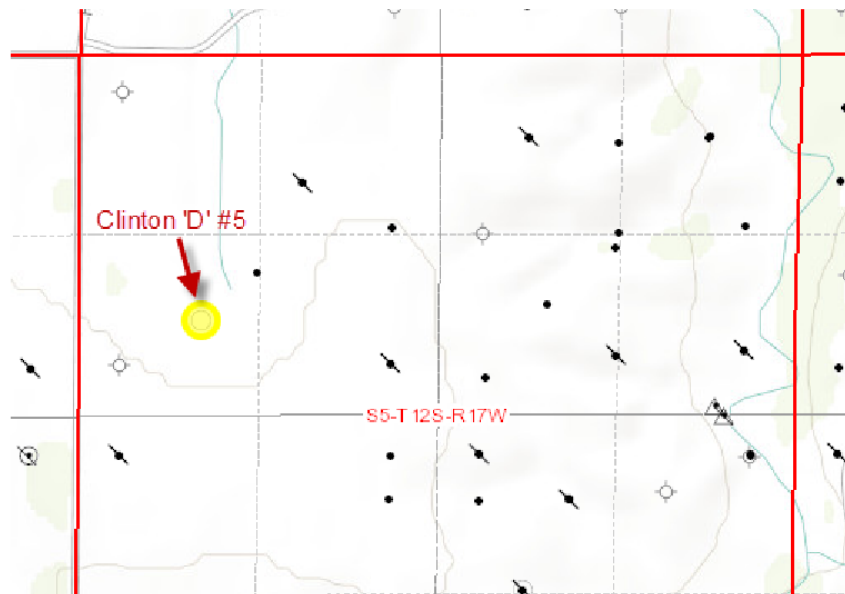
Address: 1710 N. Waterfront Parkway
Wichita, KS 67206-6603
316-681-0231

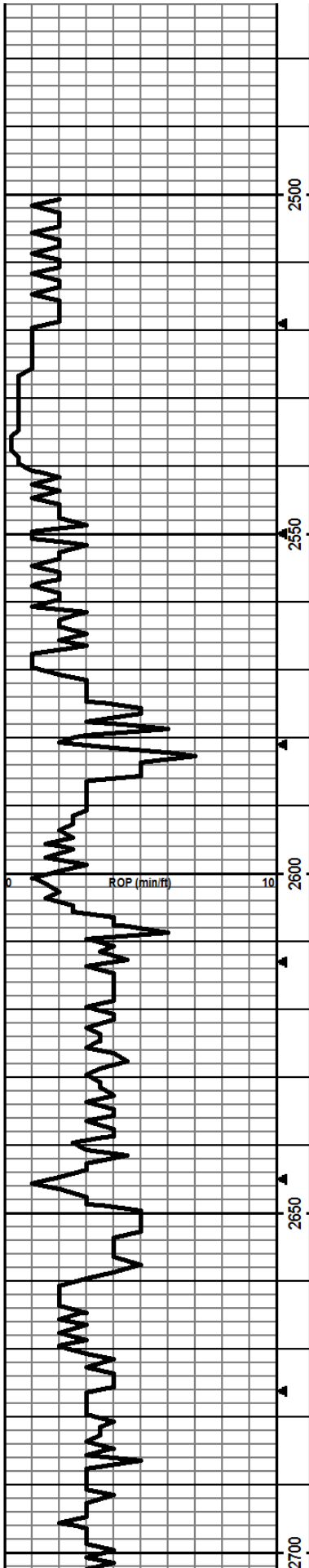
GEOLOGIST

Name: Kent R. Matson

Company: Matson Geological Services, LLC

Address: 33300 W. 15th Street S.
Garden Plain, Kansas 67050
316-644-1975





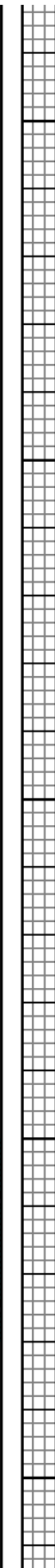
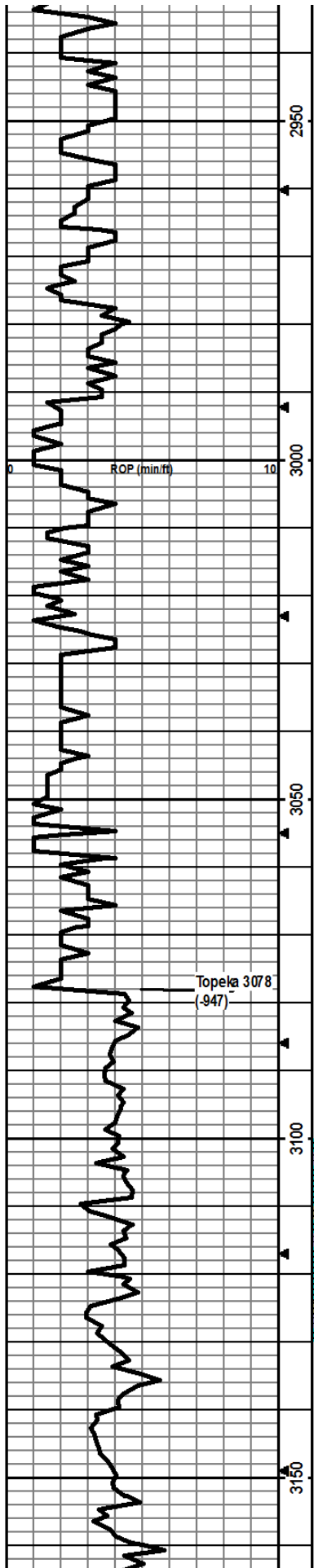
03/26, DST #1 @ 3430'
 03/27, DST #3 @ 3470'
 03/28, CFS @ 3640'
 03/28, TD @ 3690'

Anhydrite: Top @ 1351', Botton @ 1385'

ROP Data begins @ 2500' on 03/23/2014

Mudco Check #3 @ 1507'
 03/22/14 10:33am
 wt vis pH chl
 8.9 28 6.0 20000
 Flt LCM
 n/c nil

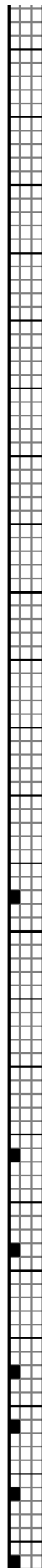
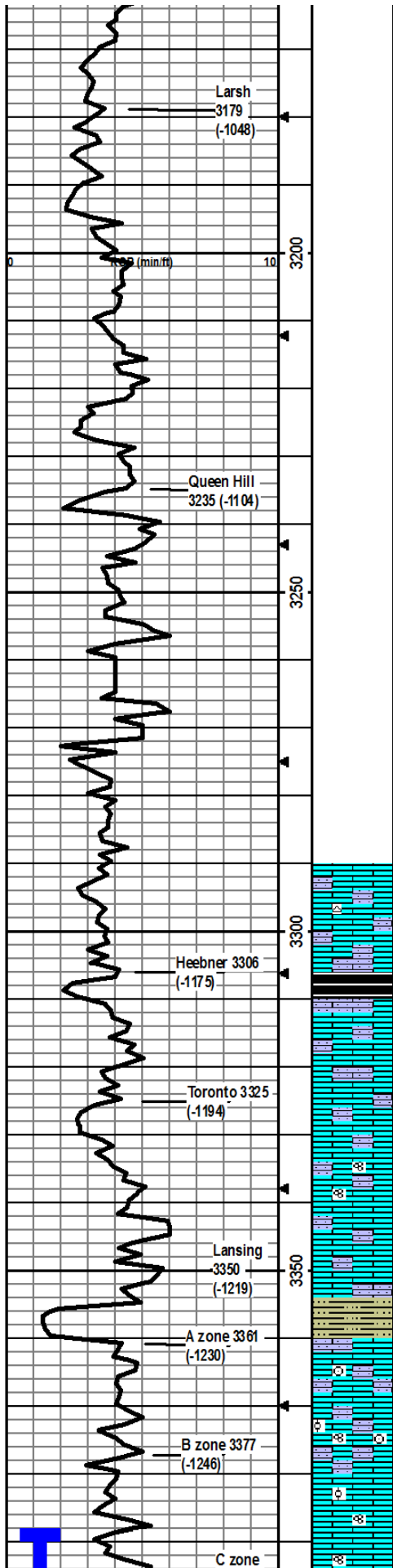
Mudco Check #4 @ 2341'
 03/23/14 10:00am
 wt vis pH chl
 9.8 28 6.0 69000
 Flt LCM
 n/c nil



LS: crm/lt brn/lt gry, micro-med xtal, foss frags/fusln/crin, some vry silty, some chalky, min frac por, no odor, ns.

LS: lt brn/gry, micro-med xtal, foss frags/fusln/crin, some vry silty, some gry silty SH, min frac por, no odor, ns.

LS: lt brn/lt-dk gry, micro-med xtal, foss frags, some vry silty, some chalky, min lt brn chert, some gry silty SH, min frac por, no odor, ns.



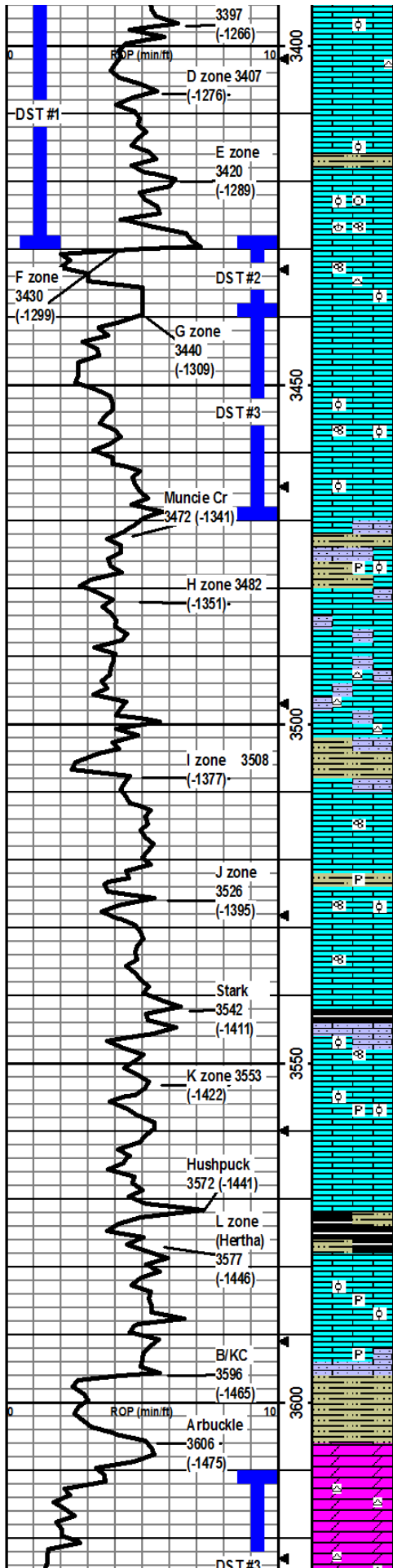
Drill cutting samples at 10' intervals start at 3300-3310'.

- LS: crm/lt brn, micro-med xtal, foss frags, some silty, some lt brn chert, some chalky, 2 pcs w/ppt-vry fn in-xtal por, slit crush odor, dul yel flor/cut, ssfo.
- LS: lt brn-brn, micro-med xtal, foss frags, some silty, m in frac por, no odor, ns.
- SH: dk gry, silty, carb, firm, fissile.
- LS: crm/lt brn, micro-med xtal, foss frags, some silty, some chalky, m in frac por, no odor, ns.
- LS: crm/lt brn, micro-fn xtal, min foss frags, some silty, some chalky, m in frac por, no odor, ns.
- LS: crm/lt brn, micro-med xtal, m in foss frags/fusln, some silty, some chalky, min wht chert, 4 pcs w/ppt-fn in-xtal por w/sfo, dul yel flor/cut, crush odor, ssfo.
- LS: crm/lt brn/lt gry, micro-fn xtal, m in foss frags, some silty, some chalky, 1 pcs w/ppt-fn in-xtal por w/sfo, dul yel flor/cut, slit crush odor, ssfo.
- SH: gry/brn, some vry silty, some carb, soft firm, fissile
- LS: crm/lt brn/gry, micro-fn xtal, min foss frags/crin, some silty, some chalky, 5 pcs w/ppt-fn in-xtal por w/sfo, dul yel flor/cut, sfo.
- LS: crm/lt gry, micro-fn xtal, m in foss frags/crin/fusln/gry ool pcs, some silty, 3 pcs w/ppt-fn in-xtal por w/sfo, dul yel flor/cut, sfo.
- LS: crm/lt brn/lt gry, micro-med xtal, foss frags/ool/fusln, 5 pcs w/ppt-fn in-xtal por w/sfo, yel flor/cut, slit cup odor, sfo.
- LS: crm/lt brn/lt gry, micro-med xtal, foss frags/fusln/few ool, 3 pcs

Mudco Check #6 @ 3287'
 03/25/14 09:30am
 wt vis pH chl
 9.2 55 11.0 3100
 Flit LCM
 7.2 2

Mudco Check #7 @ 3430'
 03/26/14 11:50am
 wt vis pH chl
 9.4 56 10.0 3900
 Flit LCM
 7.8 3

**DST1) 3388-3430
 C, D & E Zones**
 30/45/45/90
 1st) weak surface blow built to BOB in 23 min, no BB.
 2nd) weak surface blow built to 11.5" in 45 min, no BB.



w/ppt-fn in-xtal por, yel flor/cut, slt cup odor, sfo.

LS: crm/lt brn, micro-med xtal, m in foss frags, 14 pcs w/ppt-fn in-xtal por w/sfo, yel flor/cut, cup odor, sfo.

LS: crm/lt brn/lt gry, m micro-med xtal, foss frags/ool, 10 pcs w/ppt-fn in-xtal por w/sfo, yel flor/cut, cup odor, sfo.
SH: gry, silty, carb, soft.

LS: crm/lt brn/lt gry, micro-med xtal, foss frags/ool/fus/n/ool, 9 pcs in 30 min and 10 pcs in 60 min smpls w/ppt-fn in-xtal por w/sfo, yel flor/cut, cup odor, sfo.

LS: crm/lt brn/gry, micro-med xtal, foss frags/fus/n/ool, some wht chert, 12 pcs in 30 min and 15 pcs in 60 min smpls w/ppt-fn in-xtal por w/sfo, dul flor/cut, gd cup odor, sfo.

LS: crm/lt brn/lt gry, micro-med xtal, foss frags, 48 pcs w/ppt-med w/some crs in-xtal por w/sfo, yel flor/cut, gd cup odor, sfo.

LS: crm, micro-med xtal, foss frags/fus/n/ool, some chalky, 40 pcs w/ppt-med in-xtal/in-ool por w/sfo, yel flor/cut, gd cup odor, sfo.

LS: crm/lt gry, micro-med xtal w/2n dry xtal, min foss frag s/min ool, some chalky, 12 pcs in 30 min and 13 pcs in 60 min smpls w/ppt-med in-xtal/oo-castic por, yel flor/cut, gd cup odor, sfo.
SH: gry/brn, vry silty, carb, soft, fissile.
LS: crm/lt-med brn/lt-med gry, micro-med xtal w/some 2n dry xtal, some silty, min pyritic, foss frags w/some dense ool, some frac por, no odor, ns.

LS: crm/lt gry, micro-fn xtal, m in foss frags, some silty, some easily crushed, some frac por, no odor, ns.

LS: crm/lt brn/lt gry, micro-fn xtal w/some 2ndry xtal, some vry silty, crm/lt brn chert, some frac por, no odor, ns.

SH: med-dk gry/green gry, some vry silty, carb, soft-firm, fissile.

LS: crm/lt brn/lt gry, micro-fn xtal, some chalky, foss frags/fus/n, 16 pcs w/ppt-vf in-xtal por w/sfo, yel flor/cut, cup odor, sfo.
SH: gry, silty, carb, soft, pyritic, fissile.
LS: crm/lt brn, micro-med xtal, some chalky, foss frags/some fus/n/ool, 14 pcs w/ppt-vf in-xtal por w/sfo, yel flor/cut, slt cup odor, sfo.

LS: crm/lt brn, micro-med xtal, m in foss frags/fus/n, 5 pcs in 30 min and 5 pcs in 60 min smpls w/ppt-vf in-xtal por w/sfo, yel flor/cut, crush odor, sfo.
SH: med-dk gry/blk, silty, carb, firm, fissile
LS: crm/lt brn, micro-med xtal, some silty/sndy, foss frags/fus/n/dense ool, some frac por, no odor, ns.

LS: crm/lt brn/lt gry, micro-med xtal, foss frags/ool, some pyritic, 10 pcs w/ppt-med in-xtal/ool por w/sfo, yel flor/cut, cup odor, sfo.

LS: crm/lt brn, micro-fn xtal, no vis foss, some chalky, m in frac por, no odor, ns.
SH: med-dk gry/blk, some vry silty, carb, firm, fissile.

LS: crm/lt-med brn/lt yel brn, micro-med xtal, foss frags/dense ool, pyritic, some frac por, 1 pcs w/vf-med oo-castic por w/sfo, yel flor, slt crush odor, sfo.

LS: crm/lt brn/lt gry, micro-med xtal, foss frags silty, pyritic, some frac por, no odor, ns.

SH: lt-med gry/grnsh gry, glau, silty, carb, soft-firm, fissile.

DOLO: crm/lt brn/lt yel brn, micro-med xtal, grainy/sndy, wht/lt gry chert, approx 40-50% of tray w/fn-med w/some crs in-xtal por w/sfo, yel flor/cut, stg cup odor, vgsfo.

IFP 22-138#
ISIP 508#
FFP 141-243#
F SIP 494#
HP 1681-1673#
Recvd: 465' muddy water; 4% mud, 96% water, slight odor.

CF S @ 3430'
30"/60"

CF S @ 3440'
30"/60"

DST2) 3428-3440
F-Zone
30/45/30/60
1st) weak intermittent 1/8" blow, no BB.
2nd) no blow, no BB.
IFP 6-8#
ISIP 35#
FFP 8-8#
F SIP 21#
HP 1661-1649#
Recvd: 1' drill mud.

CF S @ 3470'
30"/60"

DST3) 3438-3470
G-Zone
30/30/30/30
1st) weak intermittent surface blow that died at 9 min, no BB.
2nd) no blow, no BB.
IFP 6-10#
ISIP 158#
FFP 10-11#
F SIP 86#
HP 1683-1658#
Recvd: 2' VSOSWM; 2% wtr, 98% mud, few specks of oil.

Mudco Check #8 @ 3470'
03/27/14 11:50 am
wt vis pH chl
9.3 59 10.0 6800
Fit LCM
8.0 3

CF S @ 3540'
30"/60"

DST4) 3610-3640
Ar buckle
30/45/60/90
1st) weak surface blow built to BOB in 19 min, no BB.
2nd) weak surface blow built to BOB in 31 min, weak BB late in shut in.
IFP 15-137#
ISIP 601#
FFP 142-257#
F SIP 586#
HP 1803-1767#
Recvd: 85' GIP; 40' SMCWO, 70% O, 22% wtr, 8% mud; 3.78' SMCWO, 55% O, 37% wtr, 8%

