



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1220986
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: _____

1220986

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

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

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Commingled <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Hibbert 1-16
Doc ID	1220986

All Electric Logs Run

Spectral Density Dual Spaced Neutron Log
Array Compensated True Resistivity Log
Borehole Compensated Sonic Array Log
Microlog

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Hibbert 1-16
Doc ID	1220986

Tops

Name	Top	Datum
Heebner Sh. (base)	3889	-980
Toronto	3902	-993
Lansing B	3974	-1065
KS City A	4282	-1371
KS City (base)	4414	-1505
Pawnee	4511	-1602
Ft. Scott	4539	-1630
Cherokee	4558	-1649
Morrow	4711	-1802
St. Genevieve	4743	-1834
St. Louis	4779	-1870
St. Louis C	4834	-1925
RTD	4950	
LTD	4948	

ALLIED OIL & GAS SERVICES, LLC 064055

Federal Tax I.D. # 20-8651475

REMIT TO: P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Oakley, K.S.
7-17-14

DATE <u>7-16-14</u>	SEC. <u>16</u>	TWP. <u>23</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>5:30 p.m.</u>	JOB START <u>12:30</u>	JOB FINISH <u>1:30 a.m.</u>
LEASE <u>Hubert</u>	WELL # <u>1-164</u>	LOCATION <u>Garden City N to Lami Rd</u>			COUNTY <u>Finney</u>	STATE <u>K.S.</u>	
OLD OR NEW (Circle one) <u>1-164</u>		E to Jennie Backer Rd 1.5 miles					

CONTRACTOR <u>Beredco I</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>1760'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>1750'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>42.18'</u>
CEMENT LEFT IN CSG. <u>42.18'</u>	
PERFS.	
DISPLACEMENT <u>109.30 bbl water</u>	

CEMENT		
AMOUNT ORDERED <u>650 sks Lite 65/35</u>		
<u>6 1/2 gal 3 1/2 CC 1/4 # Flo-seal</u>		
<u>150 sks Com 3 1/2 CC</u>		
COMMON <u>150 sks @ 17.90</u>		<u>2685.00</u>
POZMIX	@	
GEL	@	
CHLORIDE <u>2120 #</u>	@ <u>1.10</u>	<u>2332.00</u>
ASC	@	
<u>Lite 650 sks @ 19.88</u>		<u>12,922.00</u>
<u>Flo-seal 163 # @ 2.97</u>		<u>484.11</u>
	@	
<u>IVesterna 10 @ 18.43</u>		<u>184.30</u>
	@	
	@	
	@	
HANDLING <u>909.35 # @ 2.48</u>		<u>2255.20</u>
MILEAGE <u>1908.13 km/mi @ 2.75</u>		<u>5247.34</u>

PUMP TRUCK # <u>120</u>	CEMENTER <u>Paul Beaver</u>
	HELPER <u>Tyler Flipse / Adam Flipse</u>
BULK TRUCK # <u>5 del 595</u>	DRIVER <u>Wayne Messalle</u>
BULK TRUCK # <u>891/310</u>	DRIVER <u>Juan 2 (TWS)</u>

REMARKS:

Run Pipe / Float equip / Break arc
Drop bell, pumped, ball through @ 900
mix 650 sks Lite tailed by 150
sks Com. Release Plug. Displace
wt water. Plug did good @ 900
800 # float. Float did hold
cement did circulate

Thank You!
Paul + Crew

CHARGE TO: Beredco LLC
STREET _____
CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <u>1760'</u>	
PUMP TRUCK CHARGE	<u>2213.75</u>
EXTRA FOOTAGE	@
MILEAGE <u>mi HV 50 @ 7.70</u>	<u>385.00</u>
MANIFOLD Head	@ <u>N/C</u>
MILV <u>50 @ 4.40</u>	<u>N/C</u>
	@

TOTAL 10,101.29

PLUG & FLOAT EQUIPMENT

<u>Guide Shoe</u>	@	<u>460.00</u>
<u>AFU Float Valve</u>	@	<u>447.00</u>
<u>1/2" rubber Plug</u>	@	<u>131.00</u>
<u>Centralizers 3</u>	@ <u>75.00</u>	<u>225.00</u>
	@	

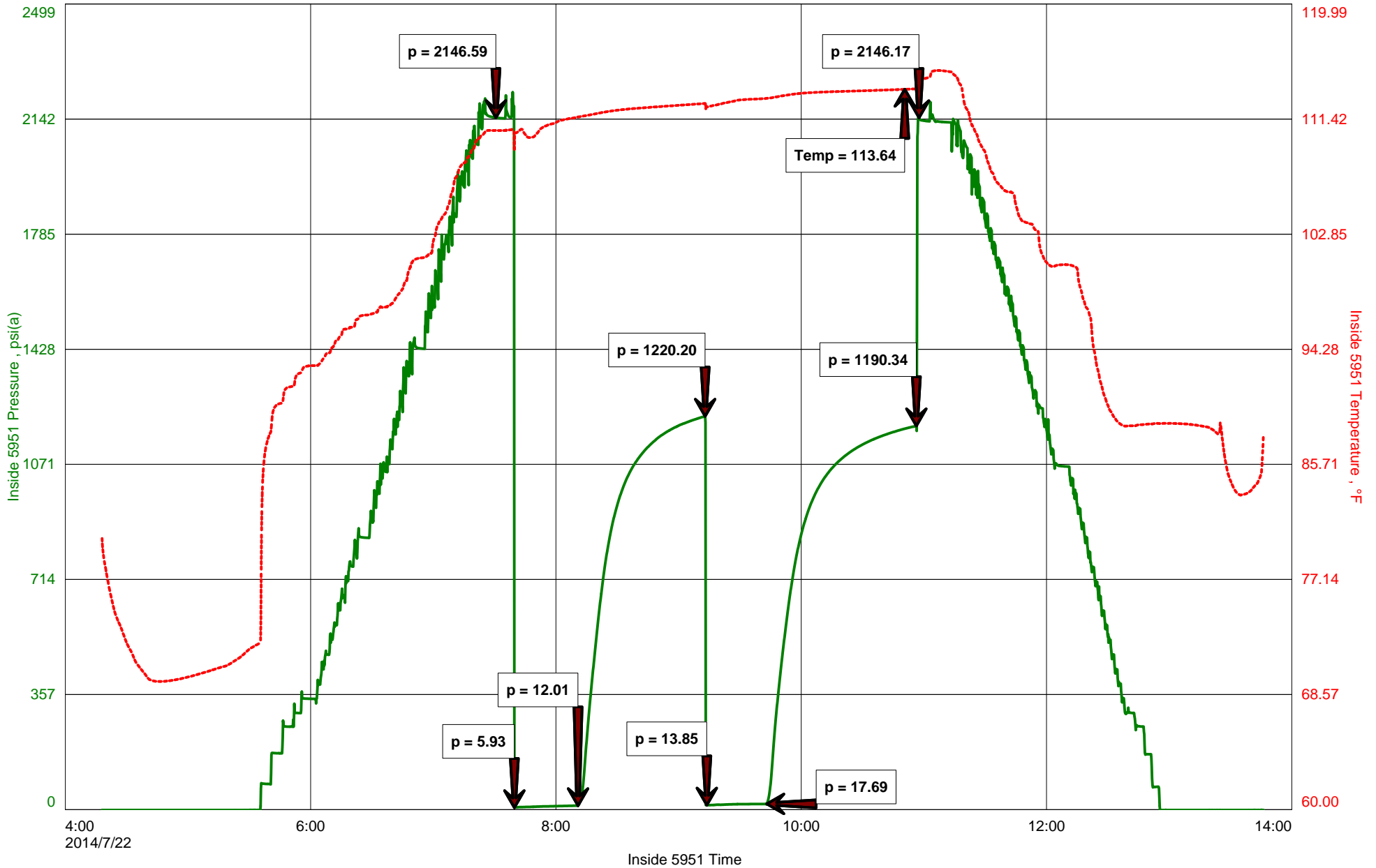
TOTAL 1,263.00

SALES TAX (if Any)	
TOTAL CHARGES <u>29787.40</u>	
DISCOUNT <u>10352.47 (35% / 3%)</u>	IF PAID IN 30 DAYS
<u>19434.93 Net.</u>	

To: Allied Oil & Gas Services, LLC. 310
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 _____
SIGNATURE [Signature]

Hibbert #1-16





Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Berexco	Well Name	Hibbert #1-16
Well Operator	Berexco	Unique Well ID	DST #1, Pawnee, 4505'-4530'
Contact	Evan Mahew	Surface Location	Sed 16-23s-32w-Finney Co.-KS
Site Contact	Ed Grieves	Test Unit	#5
Field	Wildcat	Pool	
Well Type	Vertical	Job Number	F290
Prepared By	Jake Fahrenbruch	Qualified By	Ed Grieves

Test Information

Test Type	BH w/J,SJ,ShPkr	Test Purpose	Initial Test
Formation	Pawnee, 4505'-4530'	Gauge Name	Inside 5951
Start Test Date	2014/07/22	Start Test Time	04:18:00
Final Test Date	2014/07/22	Final Test Time	13:49:00

Test Results

Recovered: 20'	Drilg Mud 100% mud
(Tool Sample: SOSM)	<1%oil, >99%mud)



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

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ 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
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: HEBBERT 10571

ON LOCATION:	<u>03:20</u>
START RECORDERS:	<u>04:18</u>
STOP RECORDERS:	<u>13:49</u>

Company BEREXCO Lease & Well No. HEBBERT #1-16
 Contractor BEREDCO #1 Charge to BEREXCO
 Elevation 2909'KB Formation PAWNEE Effective Pay _____ Ft. Ticket No. F290
 Date 7-22-14 Sec. 16 Twp. 23S Range 32W County FANNING State KANSAS
 Test Approved By ED GRAEVES Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 1 Interval Tested from 4505 ft. to 4530 ft. Total Depth 4530 ft.
 Packer Depth 4500 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4505 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 4483 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 4506 ft. Recorder Number 5984 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 55 (1 1/2" x 100M) Drill Collar Length 620 ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 8.0 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 1500 P.P.M. Drill Pipe Length 3852 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number J, SJ, SH PKR Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 25 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2" x H in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK SURFACE BLOW THROUGHOUT FLOW PERIOD
 2nd Open: SURGE UPON RE-OPENING TOOL, NO BLOW.

Recovered 20 ft. of DRLG MUD 100" M
 Recovered _____ ft. of TOOL SAMPLE: 505M <1" O, >99" M
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	<u>J, SJ, SH PKR</u>
	<u>270 MRT (PART)</u>
	Total

Time Set Packer(s) 7:43 ^{A.M.} P.M. Time Started Off Bottom 10:43 ^{A.M.} P.M. Maximum Temperature 114 F

Initial Hydrostatic Pressure..... (A) 2147 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 6 P.S.I. to (C) 12 P.S.I.
 Initial Closed In Period..... Minutes 60 (D) 220 P.S.I.
 Final Flow Period..... Minutes 30 (E) 14 P.S.I. to (F) 18 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 1190 P.S.I.
 Final Hydrostatic Pressure..... (H) 2146 P.S.I.

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DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET
FILE: HEBBERT1DST2

ON LOCATION: 3:40 AM
START RECORDERS: 3:40 AM
STOP RECORDERS: 1:33 PM

Company Berexco Lease & Well No. Hibbert #1-16
Contractor Beredco Charge to Berexco
Elevation 2909' NB Formation Fort Scott Effective Pay _____ Ft. Ticket No. F291
Date 7-23-14 Sec. 16 Twp. 23s Range 32W County FENNEY State KS
Test Approved By Ed Grieves Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 2 Interval Tested from 4537 ft. to 4555 ft. Total Depth 4555 ft.
Packer Depth 4532 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4537 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4575 ft. Recorder Number 5951 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4538 ft. Recorder Number 5584 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 59 (2# LGM) Drill Collar Length 620 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 8.8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 1700 P.P.M. Drill Pipe Length 3884 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number J, SJ, SH PKR Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length 18 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: Blow inc to BQB. in 15 1/2 min. Stc BB died.
2nd Open: Blow inc to B.O.B. in 4 min. Stc BB inc to 1"

Recovered 135 ft. of Free Oil 100" o
Recovered 42 ft. of Hy GC Hy MC Oil 30" g, 45" o, 25" m
Recovered _____ ft. of _____
Recovered _____ ft. of 177' T.F.R.
Recovered _____ ft. of 1383' G.I.P.
Recovered _____ ft. of _____

Remarks: Tool Sample: # ~~STM~~ G & MCO Jars, S. Jnt, Sh PKR
15 1/2 g 70" o 15" m 270 MRT (PRATT)
33 1/2 gravity Total

Time Set Packer(s) 7:03 ^{A.M.} P.M. Time Started Off Bottom 11:33 ^{A.M.} P.M. Maximum Temperature 115 F

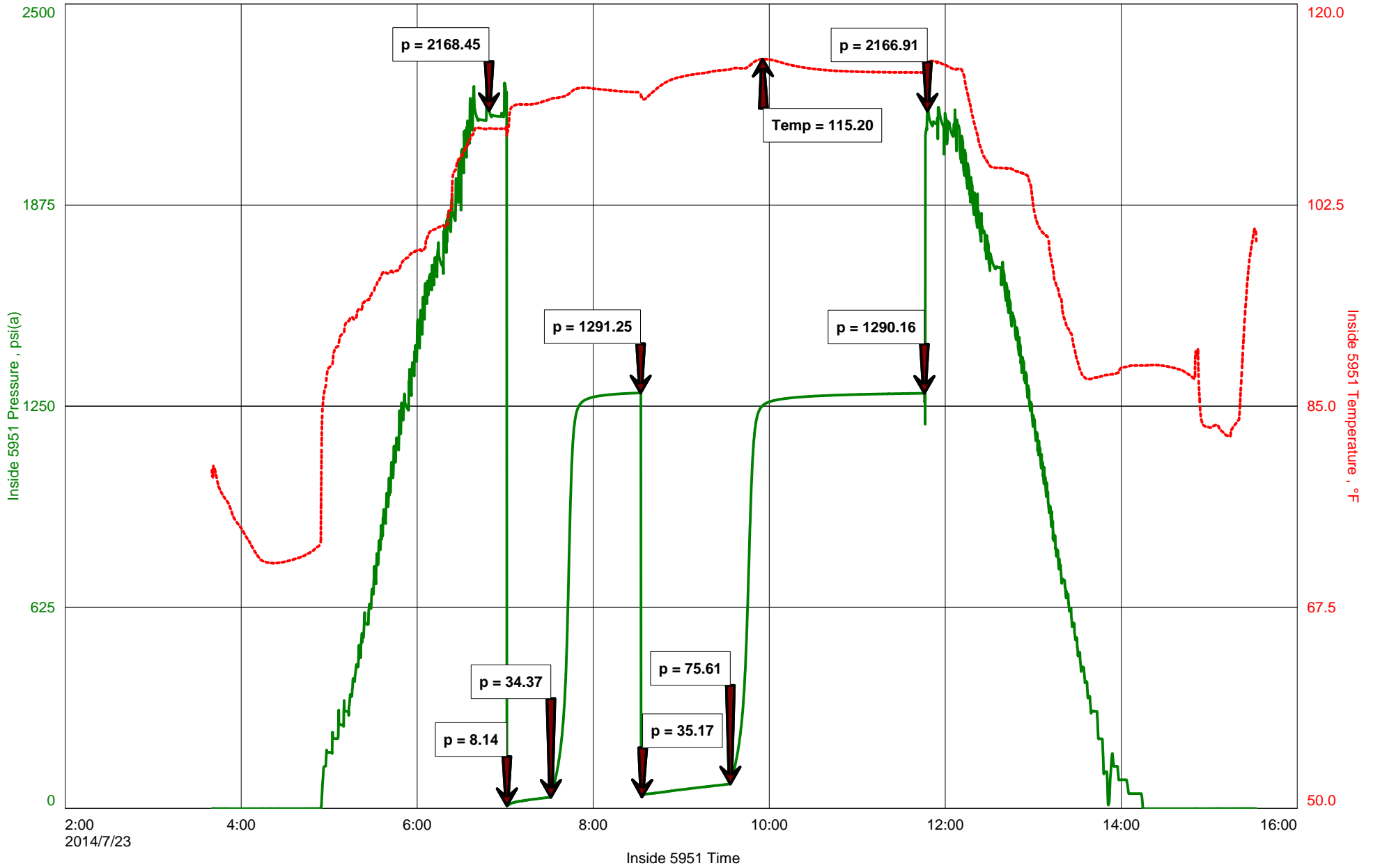
Initial Hydrostatic Pressure..... (A) 2168 P.S.I.
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 34 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 1291 P.S.I.
Final Flow Period..... Minutes 60 (E) 35 P.S.I. to (F) 76 P.S.I.
Final Closed In Period..... Minutes 120 (G) 1290 P.S.I.
Final Hydrostatic Pressure..... (H) 2167 P.S.I.

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Berexco
DST #2, Ft. Scott, 4537'-4555'
Start Test Date: 2014/07/23
Final Test Date: 2014/07/23

Hibbert #1-16
Formation: Ft. Scott 4537'-4555'
Job Number: F291

Hibbert #1-16



DIAMOND TESTING

TEST TICKET

DST



P.O. Box 157, Hoisington, KS 67544
(800) 542-7313

Lease Name: _____
 Operator: _____
 Charge To: _____
 Contractor: _____ RIG # _____
 Geologist: _____
 Tester: _____
 Sec.: _____ Twp.: _____ Rge.: _____ County: _____ State: _____
 K.B. Elev.: _____ G.S. Elev.: _____ Field: _____

File: _____
 Ticket #: _____
 Date: _____
 Time on location: _____
 Time recorders started: _____
 Time recorders stopped: _____

FORMATION:

Interval Tested From: _____ To _____ Anchor Length: _____ Size: 4.5" FH
 Total Depth: _____ Test Tool Length: _____ Size: 3.5" IF
 Packers Set At: _____ Drill Collars: _____ Size: _____ I.D.: _____
 (All packers are 6.75" diameter, unless otherwise noted.)
 Top (inside) Recorder Depth: _____ Ser. # _____ Cap. _____ PSI Weight Pipe: _____ Size: _____ I.D.: _____
 Bottom (outside) Recorder Depth: _____ Ser. # _____ Cap. _____ PSI Drill Pipe: _____ Size: _____ I.D.: _____
 Below Straddle Recorder Depth: _____ Ser. # _____ Cap. _____ PSI Bottom Choke Size: .625" Well Bore: 7.875"
 Surface Choke Size: 1"

Set Packers @ _____

Pull Tool @ _____

Mud Type: _____ Viscosity: _____ Weight: _____
 Water Loss: _____ Chlorides: _____ LCM: _____

Flow & Shut-In Descriptions:

Total Recovered Fluid:

Gas In Pipe:

		%Gas,	%Oil,	%Wtr,	%Mud
		%Gas,	%Oil,	%Wtr,	%Mud
		%Gas,	%Oil,	%Wtr,	%Mud
		%Gas,	%Oil,	%Wtr,	%Mud
		%Gas,	%Oil,	%Wtr,	%Mud

Remarks: _____ Gravity: _____ API @ 60 Deg F _____
 Chlorides: _____ PPM _____
 RW: _____ ohm @ _____ Deg. F _____
 PH: _____

Basic Test: _____
 Optional Equipment: _____

 Other Charges: _____
 Mileage: _____
 Total Cost For Test: _____

Initial Hydrostatic Pressure (A) _____ PSI
 Initial Flow Pressure (B to C) _____ PSI to _____ PSI
 Initial Shut-In Pressure (D) _____ PSI
 Final Flow Pressure (E to F) _____ PSI to _____ PSI
 Final Shut-In Pressure (G) _____ PSI
 Final Hydrostatic Pressure (H) _____ PSI
 Maximum Bottom-Hole Temperature: _____ Deg. F

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 Diamond Testing's equipment, or Diamond Testing's 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.

Operator Rep. _____

Diamond Rep. _____



Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Berexco	Well Name	Hibbert #1-16
Well Operator	Berexco	Unique Well ID	DST #2, Ft. Scott, 4537'-4555'
Contact	Evan Mayhew	Surface Location	Sec 16-23s-32w-Finney Co.-KS
Site Contact	Ed Grieves	Test Unit	#5
Field	Wildcat	Pool	
Well Type	Vertical	Job Number	F291
Prepared By	Jake F	Qualified By	Ed Grieves

Test Information

Test Type	BH W/J,SJ,SH PKR	Test Purpose	Initial Test
Formation	Ft. Scott 4537'-4555'	Gauge Name	Inside 5951
Start Test Date	2014/07/23	Start Test Time	03:40:00
Final Test Date	2014/07/23	Final Test Time	15:33:00

Test Results

Total Rec. Fluid: 177'
 Gas In Pipe: 1,383'

135'	Free Oil	100%o
42'	HvGsCu HvMuCuOi	30%g, 45%o, 25%m
Tool:	Gs&MuCuOi	15%g, 70%o, 15%m



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

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ 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

TEST TICKET

DST



P.O. Box 157, Hoisington, KS 67544
(800) 542-7313

Lease Name: _____
 Operator: _____
 Charge To: _____
 Contractor: _____ RIG # _____
 Geologist: _____
 Tester: _____
 Sec.: _____ Twp.: _____ Rge.: _____ County: _____ State: _____
 K.B. Elev.: _____ G.S. Elev.: _____ Field: _____

File: _____
 Ticket # _____
 Date: _____
 Time on location: _____
 Time recorders started: _____
 Time recorders stopped: _____

FORMATION:

Interval Tested From: _____ To _____ Anchor Length: _____ Size: 4.5" FH
 Total Depth: _____ Test Tool Length: _____ Size: 3.5" IF
 Packers Set At: _____ Drill Collars: _____ Size: _____ I.D.: _____
 (All packers are 6.75" diameter, unless otherwise noted.)
 Top (inside) Recorder Depth: _____ Ser. # _____ Cap. _____ PSI Weight Pipe: _____ Size: _____ I.D.: _____
 Bottom (outside) Recorder Depth: _____ Ser. # _____ Cap. _____ PSI Drill Pipe: _____ Size: _____ I.D.: _____
 Below Straddle Recorder Depth: _____ Ser. # _____ Cap. _____ PSI Bottom Choke Size: .625" Well Bore: 7.875"
 Surface Choke Size: 1"

Set Packers @ _____

Pull Tool @ _____

Mud Type: _____ Viscosity: _____ Weight: _____
 Water Loss: _____ Chlorides: _____ LCM: _____

Flow & Shut-In Descriptions:

Total Recovered Fluid:

Gas In Pipe:

		%Gas,	%Oil,	%Wtr,	%Mud
		%Gas,	%Oil,	%Wtr,	%Mud
		%Gas,	%Oil,	%Wtr,	%Mud
		%Gas,	%Oil,	%Wtr,	%Mud
		%Gas,	%Oil,	%Wtr,	%Mud

Remarks: _____ Gravity: _____ API @ 60 Deg F _____
 Chlorides: _____ PPM _____
 RW: _____ ohm @ _____ Deg. F _____
 PH: _____

Basic Test: _____
 Optional Equipment: _____

 Other Charges: _____
 Mileage: _____
 Total Cost For Test: _____

Initial Hydrostatic Pressure _____ (A) _____ PSI
 Initial Flow Pressure _____ (B to C) _____ PSI to _____ PSI
 Initial Shut-In Pressure _____ (D) _____ PSI
 Final Flow Pressure _____ (E to F) _____ PSI to _____ PSI
 Final Shut-In Pressure _____ (G) _____ PSI
 Final Hydrostatic Pressure _____ (H) _____ PSI
 Maximum Bottom-Hole Temperature: _____ Deg. F

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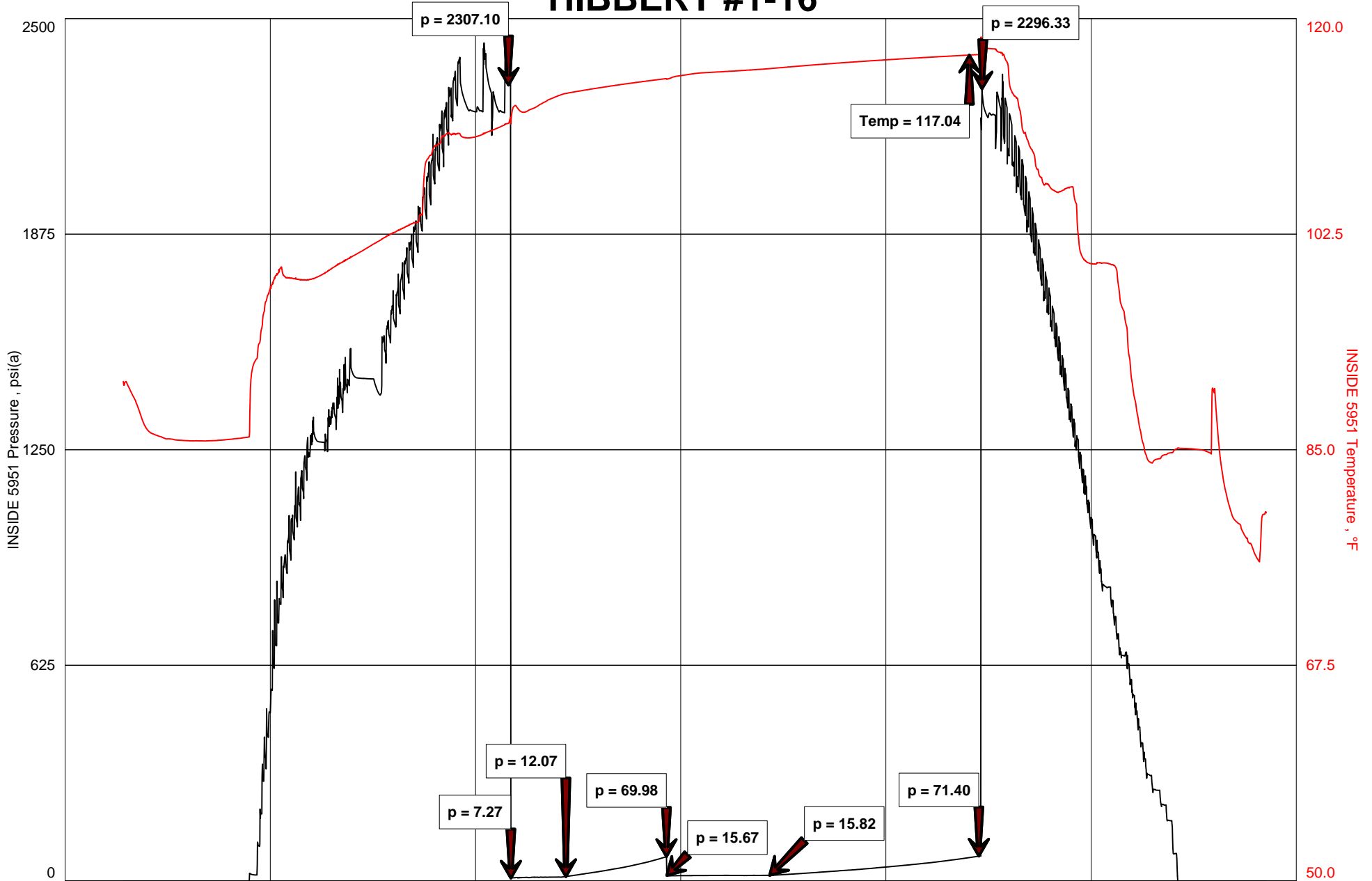
Operator Rep. _____

Diamond Rep. _____

BEREXCO
DST #3, MORROW 4712'-4740'
Start Test Date: 2014/07/24
Final Test Date: 2014/07/25

HIBBERT #1-16
Formation: MORROW 4712'-4740'
Job Number: F292

HIBBERT #1-16





Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	BEREXCO	Well Name	HIBBERT #1-16
Well Operator	BEREXCO	Unique Well ID	DST #3, MORROW 4712'-4740'
Contact	EVAN MAYHEW	Surface Location	SEC 16-23S-32W-FINNEY CO-KS
Site Contact	ED GRIEVES	Test Unit	#5
Field	WILDCAT	Pool	
Well Type	Vertical	Job Number	F292
Prepared By	JAKE FAHRENBRUCH	Qualified By	ED GRIEVES

Test Information

Test Type	BH W/J,SJ,SH PKR	Test Purpose	Initial Test
Formation	MORROW 4712'-4740'	Start Test Time	20:34:00
Start Test Date	2014/07/24	Final Test Time	07:44:00
Final Test Date	2014/07/25		

Test Results

RECOVERED 20' OF SOCM, 5%OIL, 95%MUD



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: HEBBERT105T3

ON LOCATION: 20:15
 START RECORDERS: 20:34
 STOP RECORDERS: 07:44

Company BEREXCO, LLC Lease & Well No. HEBBERT #1-16
 Contractor BEREXCO, LLC Charge to BEREXCO, LLC
 Elevation 2909' NB Formation MORROW Effective Pay _____ Ft. Ticket No. F292
 Date 7-25-14 Sec. 16 Twp. 23s Range 32w County FINNEY State KANSAS
 Test Approved By ED GREEVES Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 3 Interval Tested from 4712 ft. to 4740 ft. Total Depth 4740 ft.
 Packer Depth 4707 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4712 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4690 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 4713 ft. Recorder Number 5584 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 55 (2" LCM) Drill Collar Length 620 ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 9.2 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 2000 P.P.M. Drill Pipe Length 4062 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number JARS, S. JNT, SH PRR Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? _____ Reversed Out _____ Anchor Length 28 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: SFC BL, INC TO 1/4", MAINTAINED NBB
 2nd Open: SURGE WHEN RE-OPEN, NO BLOW NBB

Recovered 20 ft. of SOCM 5' o, 95' m
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOOL SAMPLE: OCM 10' o, 90' m</u>	<u>JARS, S. JNT, SH PRR</u>
	<u>15 MRT (GARDEN CITY)</u>
	Total

Time Set Packer(s) 12:22 ^{AM} P.M. Time Started Off Bottom 4:52 ^{AM} P.M. Maximum Temperature 117° F

Initial Hydrostatic Pressure..... (A) 2307 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 12 P.S.I.
 Initial Closed In Period..... Minutes 60 (D) 70 P.S.I.
 Final Flow Period..... Minutes 60 (E) 16 P.S.I. to (F) 16 P.S.I.
 Final Closed In Period..... Minutes 120 (G) 71 P.S.I. Thanks
 Final Hydrostatic Pressure..... (H) 2296 P.S.I. Jacob J. Johnson

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DIAMOND TESTING

TEST TICKET

DST



P.O. Box 157, Hoisington, KS 67544
(800) 542-7313

Lease Name: _____
 Operator: _____
 Charge To: _____
 Contractor: _____ RIG # _____
 Geologist: _____
 Tester: _____
 Sec.: _____ Twp.: _____ Rge.: _____ County: _____
 K.B. Elev.: _____ G.S. Elev.: _____ Field: _____

File: _____
 Ticket # _____
 Date: _____
 Time on location: _____
 Time recorders started: _____
 Time recorders stopped: _____

FORMATION:

Interval Tested From: _____ To _____ Anchor Length: _____ Size: 4.5" FH
 Total Depth: _____ Test Tool Length: _____ Size: 3.5" IF
 Packers Set At: _____ Drill Collars: _____ Size: _____ I.D.: _____
 (All packers are 6.75" diameter, unless otherwise noted.)
 Top (inside) Recorder Depth: _____ Ser. # _____ Cap. _____ PSI Weight Pipe: _____ Size: _____ I.D.: _____
 Bottom (outside) Recorder Depth: _____ Ser. # _____ Cap. _____ PSI Drill Pipe: _____ Size: _____ I.D.: _____
 Below Straddle Recorder Depth: _____ Ser. # _____ Cap. _____ PSI Bottom Choke Size: .625" Well Bore: 7.875"
 Surface Choke Size: 1"

Set Packers @ _____

Pull Tool @ _____

Mud Type: _____ Viscosity: _____ Weight: _____
 Water Loss: _____ Chlorides: _____ LCM: _____

Flow & Shut-In Descriptions:

Total Recovered Fluid:

Gas In Pipe:

		%Gas,	%Oil,	%Wtr,	%Mud
		%Gas,	%Oil,	%Wtr,	%Mud
		%Gas,	%Oil,	%Wtr,	%Mud
		%Gas,	%Oil,	%Wtr,	%Mud
		%Gas,	%Oil,	%Wtr,	%Mud

Remarks: _____ Gravity: _____ API @ 60 Deg F _____
 Chlorides: _____ PPM _____
 RW: _____ ohm @ _____ Deg. F _____
 PH: _____

Basic Test: _____
 Optional Equipment: _____

 Other Charges: _____
 Mileage: _____
 Total Cost For Test: _____

Initial Hydrostatic Pressure _____ (A) _____ PSI
 Initial Flow Pressure _____ (B to C) _____ PSI to _____ PSI
 Initial Shut-In Pressure _____ (D) _____ PSI
 Final Flow Pressure _____ (E to F) _____ PSI to _____ PSI
 Final Shut-In Pressure _____ (G) _____ PSI
 Final Hydrostatic Pressure _____ (H) _____ PSI
 Maximum Bottom-Hole Temperature: _____ Deg. F

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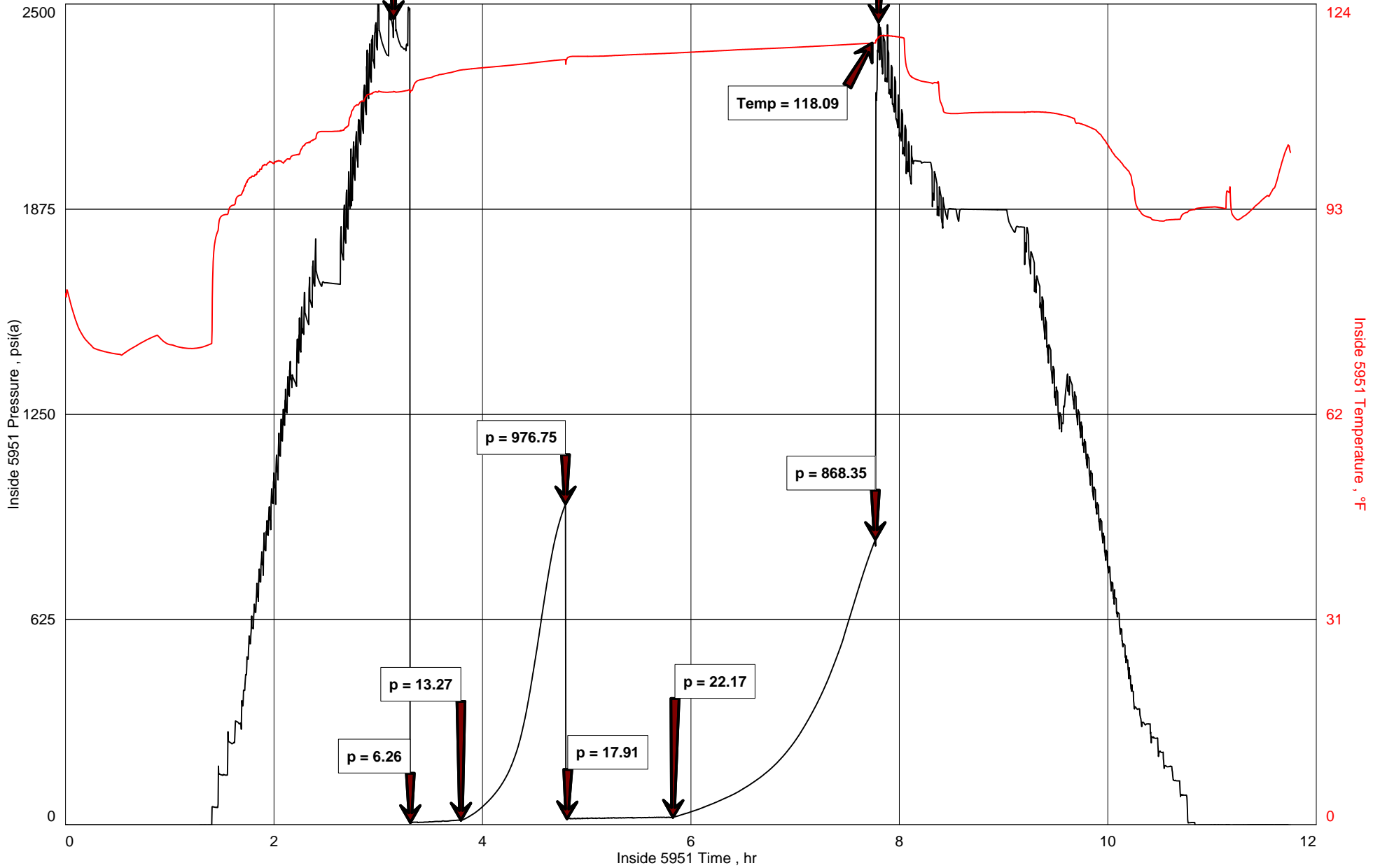
Operator Rep. _____

Diamond Rep. _____

BEREXCO LLC
DST#4 ST. LOUIS 4830'-4846'
Start Test Date: 2014/07/26
Final Test Date: 2014/07/26

HIBBERT #1-16
Formation: SAINT LOUIS 4830'-4846'
Job Number: F293

HIBBERT #1-16





Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	BEREXCO LLC	Well Name	HIBBERT #1-16
Well Operator	BEREXCO LLC	Unique Well ID	DST#4 ST. LOUIS 4830'-4846'
Contact	EVAN MAYHEW	Surface Location	SEC 16-23S-32W-FINNEY CO.-KS
Site Contact	EDWIN GRIEVES	Test Unit	#5
Field	WILDCAT	Pool	
Well Type	Vertical	Job Number	F293
Prepared By	JAKE FAHRENBRUCH	Qualified By	EDWIN GRIEVES

Test Information

Test Type	BH W/J,SJ,ShPkr	Test Purpose	Initial Test
Formation	SAINT LOUIS 4830'-4846'	Gauge Name	Inside 5951
Start Test Date	2014/07/26	Start Test Time	06:47:00
Final Test Date	2014/07/26	Final Test Time	18:34:00

Test Results

Recovered 30' of HOSM, 4% o, 96% m

Tool Sample: Oily Mud, 35% o, 65% m



DIAMOND TESTING
 P. O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: HIBBERT10574

ON LOCATION:	<u>06:38</u>
START RECORDERS:	<u>06:47</u>
STOP RECORDERS:	<u>18:34</u>

Company BEREXCO LLC Lease & Well No. HIBBERT #1-16
 Contractor BEREXCO LLC #1 Charge to BEREXCO LLC
 Elevation 2909' NB Formation ST. LOUIS "C" Effective Pay _____ Ft. Ticket No. F293
 Date 7-26-14 Sec. 16 Twp. 23s Range 32N County FENNEY State KS
 Test Approved By EDWIN GRIEVES Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 4 Interval Tested from 4830 ft. to 4846 ft. Total Depth 4846 ft.
 Packer Depth 4825 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4830 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4823 ft. Recorder Number 3951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 4831 ft. Recorder Number 5584 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 56 (2"4CM) Drill Collar Length 620 ft. I.D. 2 1/4 in.
 Weight 9.4 Water Loss 88 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 3800 P.P.M. Drill Pipe Length 4137 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 5 J 5 J 5 P Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? _____ Reversed Out _____ Anchor Length 16 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2" x 1 1/2" Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: SFC BL, INC TO .5" NBB
 2nd Open: 1/4" BL, INC TO 1 1/2" NBB

Recovered 30 ft. of HOSM 4" o, 96" m
 Recovered TOOL ft. of DIRTY MUD 35" o, 65" m
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	<u>JARS, 5 JNT, SA PER</u>
	<u>15 MRT (GARDEN CITY)</u>
	Total

Time Set Packer(s) 10:07 ^(A.M.) P.M. Time Started Off Bottom 2:37 ^(A.M.) P.M. Maximum Temperature 118° F

Initial Hydrostatic Pressure..... (A) 2456 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 6 P.S.I. to (C) 13 P.S.I.
 Initial Closed In Period..... Minutes 60 (D) 977 P.S.I.
 Final Flow Period..... Minutes 60 (E) 18 P.S.I. to (F) 22 P.S.I.
 Final Closed In Period..... Minutes 120 (G) 868 P.S.I.
 Final Hydrostatic Pressure..... (H) 2445 P.S.I.

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ALLIED OIL & GAS SERVICES, LLC 063268

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999

SOUTHLAKE, TEXAS 76092

SERVICE POINT:

On Request

DATE <u>7-28-14</u>	SEC. <u>16</u>	TWP. <u>235</u>	RANGE <u>320</u>	CALLED OUT	ON LOCATION <u>10:30 AM</u>	JOB START <u>8:00 AM</u>	JOB FINISH <u>9:00 AM</u>
LEASE <u>H. Wheat</u>		WELL# <u>1-16</u>		LOCATION <u>Garden City, N. Tarrant Co. TX</u>		COUNTY <u>Tarrant</u>	STATE <u>TX</u>
OLD OR NEW (Circle one)				<u>Intrepid Bank Rd 15 mins to</u>			

CONTRACTOR Repearn #1
 TYPE OF JOB Production - DV
 HOLE SIZE 7 7/8 TD. 4950
 CASING SIZE 5 1/2 15.5 DEPTH 4951
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL DV _____ DEPTH 3214'
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 42.45
 CEMENT LEFT IN CSG. 42.45'
 PERFS. _____
 DISPLACEMENT 116, 76 1/2

OWNER same

CEMENT	
AMOUNT ORDERED	<u>500 SKS 65/35 670gel</u>
<u>1/4" #10-500 5" 6" 1500 SK</u>	
<u>200 230 SKS ASC 1090 gel + 270gel</u>	
<u>1/2 90 FI-160, 1/4 90 de 300 mel</u>	
COMMON	_____ @ _____
POZMIX	_____ @ _____
GEL	_____ @ _____
CHLORIDE	_____ @ _____
ASC	<u>230 SKS @ 23.50 = 5405.00</u>
<u>500 SKS 65/35 670gel @ 19.80 = 9900.00</u>	
<u>FI-160 85 @ 18.50 = 1562.50</u>	
<u>De 300 45 @ 3.50 = 157.50</u>	
<u>Flow 125 @ 2.97 = 371.25</u>	
<u>6150 108 @ 1.98 = 1098.00</u>	
<u>Material 100 @ _____ = _____</u>	
<u>(6303.13) 34 @ _____ = _____</u>	
HANDLING <u>763.31</u> @ <u>2.48</u>	<u>1893.00</u>
MILEAGE <u>34.31</u> @ <u>50 x 2.75</u>	<u>4716.25</u>
TOTAL	18,166.25

EQUIPMENT
 PUMP TRUCK CEMENTER Kelly Gabel
 # 423528 HELPER Wayne McAlghy
 BULK TRUCK
 # 5664595 DRIVER Esteban (Dias)
 BULK TRUCK
 # 8914312 DRIVER Wayne Messalle

REMARKS:

riggered up, mixed line started in with Asc, displaced plug with 200 # plug landed @ 1572 dropped DV bomb, opened up tool @ 1600 circulate for 4 hrs, plugged 24 1/2" mixed line failed in with Asc, displaced plug with 2 1/2" 110 water 1 1/2" pressure plug landed @ 1800 Thank you cement and circulate Kelly crew

CHARGE TO: Boreco
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE	
DEPTH OF JOB	<u>4591'</u>
PUMP TRUCK CHARGE	<u>2765.25</u> <u>2400.25</u>
EXTRA FOOTAGE	_____ @ _____
MILEAGE <u>Mil 50</u>	<u>70</u> <u>385.00</u>
MANIFOLD <u>used</u>	<u>275.00</u> <u>NC</u>
<u>Mil 50</u>	<u>440</u> <u>NC</u>
TOTAL	18,166.25

PLUG & FLOAT EQUIPMENT	
<u>(3) AE 4 float shoe</u>	<u>640.00</u>
<u>(1) latch dow</u>	<u>660.00</u>
<u>(1) DV Tool</u>	<u>5335.00</u>
<u>(2) basket - 2</u>	<u>395.00</u> <u>790.00</u>
<u>(2) controller - 15</u>	<u>570.00</u> <u>855.00</u>
TOTAL	8,280.00

AS Per Bid

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.

PRINTED NAME Gilda Davila
 SIGNATURE [Signature]

SALES TAX (If Any) _____
 TOTAL CHARGES 38,984.89
 DISCOUNT 1,337.65 (34/352) IF PAID IN 30 DAYS
25,647.24 Net.

GEOLOGIST'S REPORT

DRILLING TIME & SAMPLE LOG

COMPANY Berexco LLC
 LEASE Hibbert NO. 1-16
 LOCATION 1882' FSL + 391' FEL
 SEC. 16 TWP. 23S RNG. 32W
 COUNTY Finney, STATE Kansas
 FIELD Wheat

WELL
FILE

ELEVATIONS
 KB 2909
 DF 2907
 GL 2897

MEASUREMENTS ARE ALL FROM KB

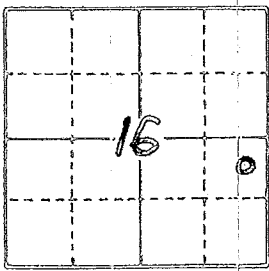
CASING RECORD
878' of 17.50 w/ 800 SX.
 ___ of ___ w/ ___ SX.
 ___ of ___ w/ ___ SX.

EL. LOG. RES. S.M.G.R.
 DEN. NEUT. GR. CALIPER
 M.L. SONIC

CONTRACTOR Beredco Dalg Rig #1
 COMM. 7-14-2014 COMP. 7-28-2014
 RTD 4950 LTD 4948
 No. of DST'S Four No. of CORES None

SAMPLES SAVED FROM 3600 TO TD
 DRILLING TIME KEPT FROM 3600 TO TD
 SAMPLES EXAMINED FROM 3600 TO TD
 GEOLOGICAL SUPERVISION FROM 3600 TO TD
 GEOLOGIST ON WELL Edwin H. Gaieves

FORMATION TOPS	SAMPLE	LOG	SUBSEA
<u>Base Heebner</u>	<u>3894</u>	<u>3889</u>	<u>- 980</u>
<u>Toronto</u>	<u>3906</u>	<u>3902</u>	<u>- 993</u>
<u>Lansing "B"</u>	<u>3987</u>	<u>3974</u>	<u>- 1065</u>
<u>Kansas City "A"</u>	<u>4282</u>	<u>4280</u>	<u>- 1371</u>
<u>BKC</u>	<u>4417</u>	<u>4414</u>	<u>- 1505</u>
<u>Marmaton</u>	<u>4440</u>	<u>4436</u>	<u>- 1527</u>
<u>Pawnee</u>	<u>4513</u>	<u>4511</u>	<u>- 1602</u>
<u>Ft. Scott</u>	<u>4541</u>	<u>4539</u>	<u>- 1630</u>
<u>Cherokee</u>	<u>4561</u>	<u>4558</u>	<u>- 1649</u>
<u>Morrow Fm.</u>	<u>4716</u>	<u>4711</u>	<u>- 1802</u>
<u>St Genevieve</u>	<u>4752</u>	<u>4743</u>	<u>- 1834</u>
<u>St Louis</u>	<u>4787</u>	<u>4779</u>	<u>- 1870</u>
<u>St Louis "C"</u>	<u>4836</u>	<u>4834</u>	<u>- 1925</u>
<u>TD</u>	<u>4950</u>	<u>4948</u>	<u>_____</u>



API #15-055-22320

REMARKS Earth Tech had an unmanned gas detection trailer on this well from 3600 to total depth.

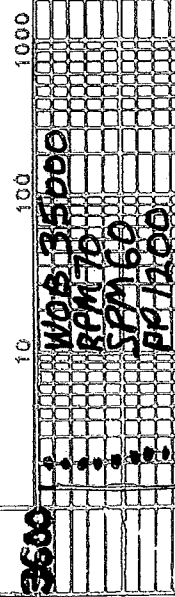
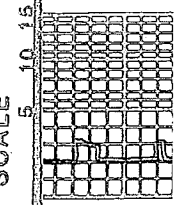
(16)
 1882' FSL + 391' FEL
 Hibbert
 Edwin H. Gaieves
 Geologist

LITHOLOGY
 SANDSTONE
 LIMESTONE
 SHALE
 GYPSUM
 CHROMATOGRAPH
 HOT WIRE BY TOTAL GAS VOLUME
 GRANITE WASH
 ANY GYP

C1 = METHANE
 C2 = ETHANE
 C3 = PROPANE
 C4 = ISOBUTANE
 C5 = BUTANE
 C6 = ISOPENTANE
 C7 = PENTANE

DRILL TIME SCALE

GAS SCALE



Lms. lt gray - sl. to flky. Shly. + grayish tan
to tan; crypto. to v. v. fm. xln.; sub-chlk
sub-succo. + p. abctm; d. l. H. yel. to
H. yel. fluor.; No cut; No vis. fox

Lms. abn. wht. to cream - chlk + tan;
crypto. to v. v. fm. xln.; sub-chlk,
sub-succo. to v. sugry. H. yel. fluor.;
No cut; abn. pr. tot. + fcs. g. d. micropp
to interbed. porosity

Lms. similar 3600 - 3652 with
scattered interbeds lms. similar
3652 - 3671

Lms. similar 3652 - 3671

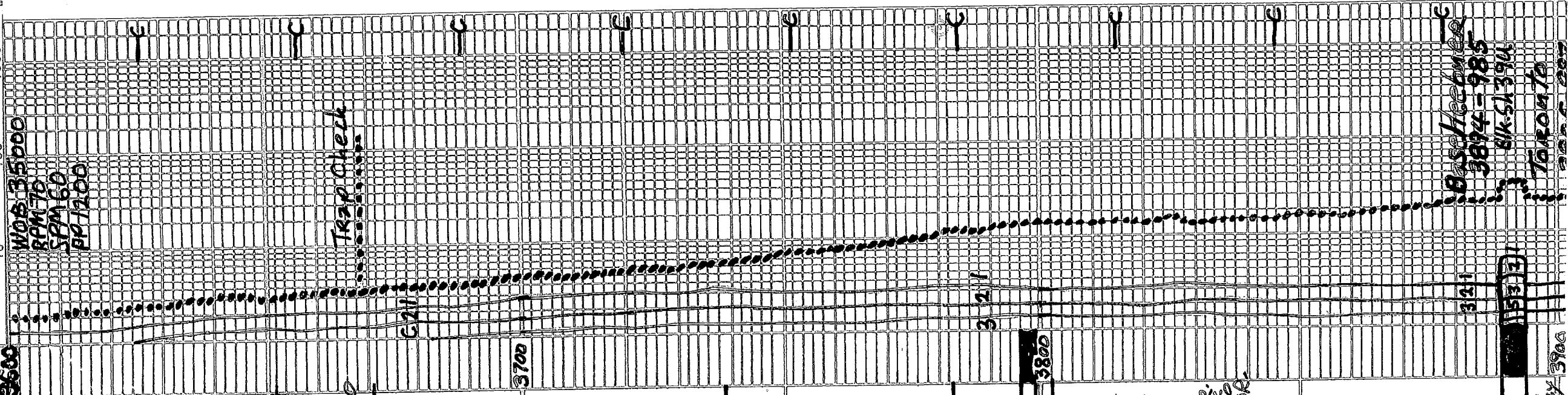
Lms similar 3600 - 3652

Sh. v. dark gray - calc. to black - carb.
Lms similar 3600 - 3652

Lms. abn. wht. to cream - chlk + tan; sl.
to v. grayish. fcs. + crypto. to v. v. fm. xln.
hyp. fcs. sub-chlk + sub-succo. to
sl. to very succo. + fcs. Phas. to an
oolites; d. w. H. to fcs. H. yel. fluor.
No cut; abn. pr. to fat hyp. + good to
sl. fcs. excel. micropp. to interbed. por.

Sh. v. dark gray, to black - carb

Sh. H. gray, greenish IP; soft + mushy



WOB 35000
RPM 75
SPM 60
PP 1200

Trap Check

Basal Heeburns
3874-985
81k-S1390
TORONTO

Sh. v. dk. gray. to black - carb

Sh. H. gray, greenish IPt; soft & musky when wet 3900

Lms. hv. tas. wht. to cream; chalk cream. to tan; crypto. to v. tan. xln. tas. sub-dk. sub-succ. to v. succro; dul. yellow. abn. pr. totas. fr. micro-pp. to interst. por. Lms. H. gray - sh. sh. l. grayish tan to tan crypto. to v. tan. xln. tas. sub-dk. sub-succ. & packets; dul. yellow. to dull H. yellow. No cut; No visible porosity

Lms. Tanj. crypto. to v. tan. xln. tas. sub-dk. and sub-succ. to succro; dul. H. yellow. No cut; poss. interst. por. in succro.

Interebedded Limestones Similar 3920-3933 and 3933-3953

Sh. med. to v. dk. gray & sh. tan H. green to olive green

Lms. Tanj. v. v. tan. xln. v. succro; dul. yellow. fluor.; No cut; No vis. por. to yellow. very poor micro-pin point por.

Lms. crypto. abn. wht. to cream - chalk and grayish. Tan to tan; crypto. to v. tan. xln. sub-dk.; sub-succ. to packets; dul. H. yellow to dull. yellow; No vis. por.

Lms. tas. wht. to cream - chalk & tan; crypto. to v. tan. xln. tas. sub-dk. sub-succ. to succro; ph. xln. to tan; crypto. to v. tan. xln. sub-dk. sub-succ. to succro; dul. H. yellow. to yellow. abn. pr. totas. fr. micro-pp. to interst. por. Lms. H. tan. med. gray - sh. gray. to med. gray; calc. sh. crypto. to v. tan. xln. sub-dk. fluor. sh. l. to packets. No fluor. No cut; No vis. por.

Lms similar 4047-4062

Lms similar 4062-4077

Lms. hv. tas. wht. to cream - chalk & tan crypto. to v. tan. xln. tas. sub-dk. sub-succ. to succro; dul. H. yellow. fluor.; No cut; No vis. por.

Lms. similar 4062-4077

Sh. v. dk. gray to black - carb and Lms. H. gray & tan; crypto. to v. tan. xln. sub-dk. sub-succ. to succro; dul. H. yellow. to yellow. abn. pr. totas. fr. micro-pp. to interst. por. Lms. H. gray - sh. sh. l. grayish tan to tan crypto. to v. tan. xln. tas. sub-dk. sub-succ. to succro; dul. H. yellow. to dull H. yellow. No cut; No visible porosity

Lms. xln. tas. sub-dk. sub-succ. to succro; dul. H. yellow. fluor.; No cut; No vis. por. to v. tan. xln. tas. sub-dk. sub-succ. to succro; dul. H. yellow. to yellow. abn. pr. totas. fr. micro-pp. to interst. por. Lms. H. gray - sh. sh. l. grayish tan to tan crypto. to v. tan. xln. tas. sub-dk. sub-succ. to succro; dul. H. yellow. to dull H. yellow. No cut; No visible porosity

Sh. v. dk. gray. to black - carb. Lms. similar 4110-4177

Basal Heebner 3894-3985 dk-S139U

Toronto 3906-3977 Reyle 324

Lansing 'B' 3987-1078

WOB 32000 RPM 75 SPM 50 PIP 1000

Shale 144

321

333

321

4000

321

4100

321

v. v. fl. tan; tes. sub-bil. sub-sucro. to sacro; dul. h. yel. fluor; No lat. hy. tes. pp. to the micro. pp. por.
Lms. H. gray to tan; crypto. to v. v. tan. x. ly. sub-chalk
sub-sucro. & packets. w. tes. sub-lithog. dul. yel. fluor. IPS; No lat.; No Vis POR
Sh. v. dark gray. to black - carb.
Lms. similar 4160 - 4172
Lms. H. gray to tan; crypto. to v. v. tan. sh. sub-chalk
sub-sucro. & tes. pp. & packets; tes. tes.;
dul. yel. fluor; No lat. hy. tes. pp. to the micro. pp. por.
Lms. grayish. tan to tan; crypto. to v. v. tan. x. ly.
sub-chalk, sub-sucro. & packets; tes. tes.;
hy. tes. pp. to the micro. pp. por. dul. yel. fluor.;
No lat.; No Vis POR

4200

Lms. tes. wht. to cream-chalk & tan, grayish (P)
crypto. to v. v. tan x. ly.; v. to extra. oolitic
oolitic for v. to extra. oolitic; matrix sub-sucro to sacro and
pæk. st. ind. yel. to yel. fluor. -
zon. mottled; No lat.; abn. pr. fl. gd.
to excel. oolitic to porosity
Very. Quest. Perm.

Lms. similar 4206 - 4257 w/ much
tes. oolitic - much more oolitic
w/ abn. pr. to exc. oolitic por. & quest. Perm.

Lms. similar 4189 - 4206

Sh. v. dark gray. to black - carb.
Lms. H. to med. gray. - sh. to v. sub-gray
to extra. calc. med. gray sh. crypto. sh.
sub-chalk to sh. packets in. No lat. No Vis POR

Lms. similar 4206 - 4257

Lms. H. to med. gray, tanish IPS - sl. to fl. x.
sh. ly.; crypto. sh. ly. sub-chalk, packets
to tes. sub-lithog. dul. h. yel. fluor.
IPS; No lat. No Vis POR

Sh. v. dark gray. to black - carb.

Interbedded Limestones

- 1) Slower Dalq. Lms. similar 4282 - 4290 and 4301 - 4320
- 2) Faster Dalq. Lms. tes. wht. to green-chalk & H. gray. to tan; crypto. to v. v. tan. x. ly.; sl. to v. oolitic for v. to extra. oolitic; matrix sub-sucro and packets; ind. yel. to yel. fluor. - mottled IPS; abn. pr. to exc. oolitic por.; Prob No Perm.

Bk. Sh. 1900
Kansas City
4282-1373

321

4300

321

321

321

4440

4417-4440 Sh. med. to dark gray; very to extra. calc. IPS

TANA Creek

BMG

4417-1508

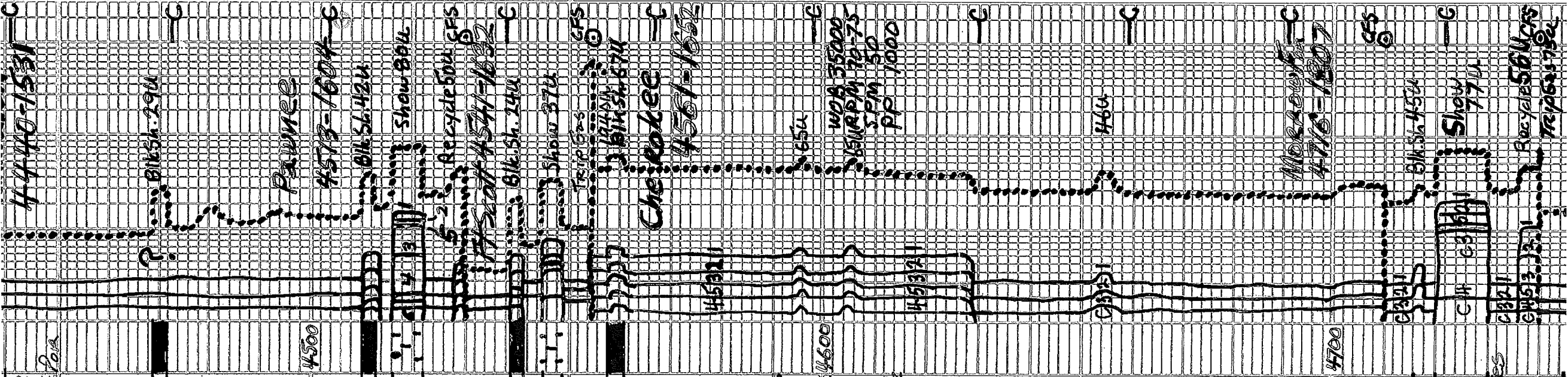
4440 - 4469 Lms. H. gray to tan; crypto. to v. v. tan; tes. sub-chalk; sub-sucro. & packets or sub-lithog. dul. yel. to yel. fluor. No lat. No Vis POR

- A. 4469 - 4472 Sh. v. dark gray to blk. carb.
- B. 4472 - 4510 Lms. similar 4440 - 4459

321

MARMATON

4440-1531



4440-4469 Lms. H. gray to tan, cr. ppt. to v. v. fine l., tes sub-chalks. Sub-succ. packed & sub-lithog. d. w. yellow. Fluor. Abn. to abn. por.

A. 4469-4472 Sh. v. dk. gray to blk. carb.

B. 4472-4510 Lms. similar to 4440-4459

C. 4510-4513 Sh. v. dk. gray to blk. carb.

D. 4513-4516 Lms. similar to 4440-4459

E. Show 4516-4522 Lms. cr. to tan; crypto. to v. v. fine l., tes. oolitic to phan. tan oolitic; sub-succ. to succ. faint oil odor; sptd. to even tan oil stain; yel. to y. ldn. yel. fluor. w/ flash to gd. stream cuts; micro ppt. to water impurities. Note: Bit is toothless concs are CR washing samples to dust.

F. 4522-4539 Lms. sim. tan. 4440-4459

G. 4539-4541 Sh. v. dk. gray to blk. carb.

H. 4541-4545 Lms. H. gray to y. tan; xln; shly; sub-chalk. Sub-succ. packed & sub-lithog. d. w. yellow. Fluor. Abn. to abn. por.

I. Show 4545-4549 Lms. tan. w/ bold to even dk. tan oil stain; v. v. fine l., xln. w/ phan. oolitic. Rechecked to crypto xln lumps. Phan. oolitic; fair oil odor; d. w. to y. ldn. yel. fluor. w/ flash to excel. stream cuts; abn. por. to fl. sh. tes.

J. Excel. pp. & mica. por. w/ hy. tes. w/ prob. pet. like inter. sh. por. about 1/2 looks like it could be pet. w/ abn. checked out to gray mottled - gray. Rechecked oolitic, w/ t. RE placed. matrix

K. 4549-4558 Lms. similar to 4441-4545

L. 4558-4561 Sh. v. dk. gray to blk. carb.

4561-4716 Interbedded Limestone & Shales

① Lms. H. gray to tan; cr. ppt. to v. v. fine l. Sub-chalk. Sub-succ. packed & sub-lithog. d. w. yellow. Fluor. Abn. to abn. por. No vis. por.

② Lms. H. to med. gray - fair to ext. shly. grading to ext. calc. Shs. sub-chalk and for shly. & packed in Not fluor.; No l. cut, No vis. por.

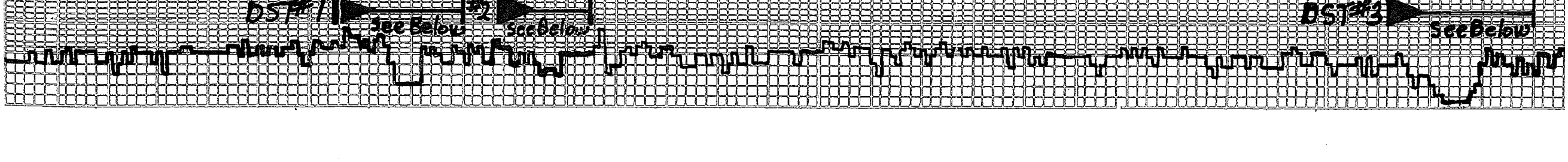
③ Sh. med. to v. dk. gray - s.l. to ext. calc. To v. dk. gray to black carb.

L. 4716-4720 Sh. med. to v. dk. gray w/ hy. tes. olive green

M. Show 4720-4730 Mor. sd. xln. to 20% Qtz. sd. H. gray. w/ sptd. to even dk. tan to brn oil stain; v. v. fine l. w/ s.l. & clay filling; yel. d. w. gl. den. to y. ldn. yel. fluor. w/ excel. flush & gd. stream cuts hy. tes. pr. to fa. mica. por. & poss. watergr. por. 1 P's

80% Lms. tan w/ sptd. to even dk. tan to brn oil stain; v. v. fine l. oolitic (succ. med. tes. by) & mica. sub-chalk, sub-succ. to packed & sub-lithog. d. w. yellow. Fluor. Abn. to abn. por. No vis. por. No matrix to very succ. matrix; d. w. gl. den. to y. ldn. yel. fluor. w/ excel. flush & gd. stream cuts; this has abn. por. & sptd. to excel. pp. mica. por. to inter. calc. por.; shly. tes. w/ inter. oolitic por.; s.l. tes. loose w/ fine gr. tes. to hy. tes. loose oolitic & air oil odor in samples

Lms. abn. w/ t. to cr. m. chalk, tes w/ y. l. koolites & H. grayish tan to H. tan w/ tan; cr. ppt. to v. v. fine l. to ext. calc. Shs. sub-chalk. Sub-succ. packed & sub-lithog. d. w. yellow. Fluor. Abn. to abn. por. No vis. por. No matrix to very succ. matrix; d. w. gl. den. to y. ldn. yel. fluor. w/ excel. flush & gd. stream cuts; this has abn. por. & sptd. to excel. pp. mica. por. to inter. calc. por.; shly. tes. w/ inter. oolitic por.; s.l. tes. loose w/ fine gr. tes. to hy. tes. loose oolitic & air oil odor in samples



L por, huytas w/intercolitic
 M K por, slites, loose w/ingratz
 qtz, to huytas, loose oolites
 feld, oil adze in samples
 Lms. abn wat. to crin chlk, trs w/chk oolites
 + lt. grayish tan to H. tan w/ tan; crypto, tan w/ tan
 & tan. v. to evenly micaceous by sh. qtz. med
 oolites for Qtz sd. w/ large avg. in matrix
 chky to vel. fac. w/ sub-s. w/ trs. pl. to
 sub-s. w/ tan to tan. No cut. No oolites
 to sl. w/ tan. No oolites. No oolites. No oolites
 to sl. w/ tan. No oolites. No oolites. No oolites
 No vis. to huytas. No vis. to huytas. No vis. to huytas

Lms. H. gray. to tan greenish lps, crypto to
 v.u. f. sh. v. to evenly micaceous
 and/or sl. to v. Qtz. sdy. w/ tan. qtz. avg.
 matrix chlk, sub-chlk + sub-s. qtz.
 dul H. vel. fluor lps; No cut; No vis for

Lms. tan; crypto to tan; evenly oolitic (in med
 + tan) matrix chlk, sub-chlk, dil. gl. in
 to gl. in vel. fluor; No cut; No vis for

Lms. slites. whit to cream. chlk w/ chlk oolite
 lps + tan, grayish. lps crypto to tan. v. tan
 feld. to evenly oolitic (in med + tan) matrix
 matrix sub-chlk, sub-s. qtz. + trs. (g)
 dul. H. vel. to trs. dul. w/ sub-s. qtz. + trs. (g)
 No vis for. w/ v. sl. trs. chest gray to
 tan, orangeish lps; trs. tan. i. to opque
 4836-4844; 3 pieces Sl. bigger than
 a head of a Benja appears tan
 oolitic, oolitic. (sm to med) matrix
 crypto, to v. tan. xlm sub-s. qtz.
 in a tan. xlm. l. gl. med. yet fluor.
 ed. s. tan. cut. No. A. parent poor. sl. oil
 ed. s. or 30 min. C. in samples. adu.
 loose oolites sm to med w/ huy
 trs. large oolites

Lms. similar 4798 - 4836

Lms. similar 4798-4836
 Interbedded with for Gradational
 to lms. tan; crypto. xlm; packsta to
 sub-lithographic; very dul to dul
 yellow fluor; No cut; No vis for.
 Increasing with depth w/ sl. trs
 Chest gray to tan, opque

TD 4950

778" Bit Info:

- 1. New STC FHI 18 Y 1760 in out 4530
- 2. Re-run STC FHI 18 Y 8 TS 4630 4740
- 3. Re-run STC F124 4740 4950 TD

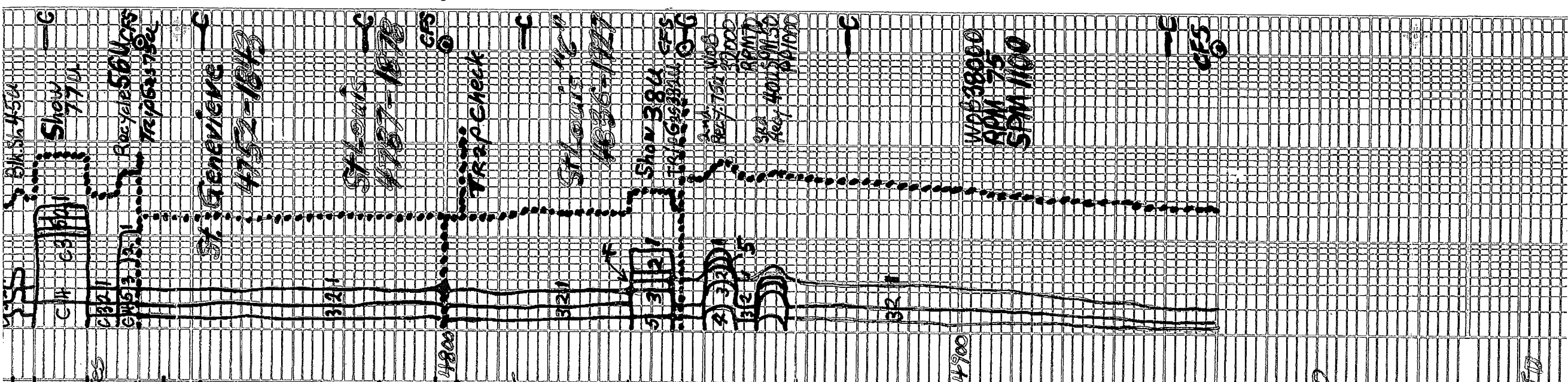
Cia Points:

- 1. 4000
- 2. 4530
- 3. 4555
- 4. 4710
- 5. 4740
- 6. 4800
- 7. 4846
- 8. 4950 TD

Dev. Surv:

- 1. 849 1/2°
- 2. 1760 1 3/4°
- 3. 2127 1 1/4°
- 4. 3426 3/4°
- 5. 4530 3/4°
- 6. 4950 1/2°

Daily Data. Progress.



Dev. Surv:
 1. 849 1/2" 3426 3/4"
 2. 1760 1 3/4" 4530 3/4"
 3. 2127 1 1/4" 4950 1/2"
 Daily Drig. Progress:

1. 3600 At 6:38 PM 7-19-2014
 2. 3987 At 7:00 AM 7-20-2014
 3. 4425 At 7:00 AM 7-21-2014
 4. 4530 At 7:00 AM 7-22-2014
 5. 4555 At 7:00 AM 7-23-2014
 6. 4682 At 7:00 AM 7-24-2014

7. 4740 At 7:00 AM 7-25-2014
 8. 4846 At 7:00 AM 7-26-2014
 9. 4888 At 7:00 AM 7-27-2014
 10. 4950 At 7:00 AM 7-28-2014

DST #1 Pawnee 4505-4530
 10 weak surface blow thought open
 FO surge on opening No Blow
 Rec. 20 ft 100% Mud Max Temp 114°F
 Tool Samp 5' oil split Mud < 1/2" oil 79% Mud
 IHP 2177# FFP 14-18" in 30 min
 IHP 6-12" in 30 min FSP 1190# in 60 min
 IHP 1220# in 60 min FHP 2146

DST #2 FISCOIT 4537-4555
 TO Oil Blow Bob 155 min FO 64 lbs Bob
 Rec 1383' Oil 17' Total Fluid
 135' Clean oil; 42' Mud coil 308 gals 45% oil 15% Mud
 Tool Samp 15" 93% 70% oil 15% Mud
 IHP 2168# FFP 357# in 60 min
 IHP 8-24" in 30 min FSP 1290# in 120 min
 IHP 1291# in 60 min FHP 2167#

DST #3 MORROW 4712-4740 Max Temp 117°F
 IP surge blow to .25 inches; FO surge then 100% low
 Rec 20 Total Fluid 5% oil 75% Mud
 Tool Samp 10% oil 90% mud
 IHP 2367# FFP 16-16" in 60 min
 IHP 7-12" in 30 min FSP 714# in 120 min
 IHP 70# in 60 min FHP 2296#

DST #4 ST LOUIS 4830-4846 Max Temp 118°F
 IP surge blow to .5" FO .25" in to 1.5 inches
 Rec 30 ft Fluid 4% oil + 96% Mud
 Tool Samp 35% Oil 65% Mud
 IHP 2456#
 IHP 6-13" in 30 min
 IHP 977# in 60 min
 FFP 18-22" in 60 min
 FSP 868# in 60 min
 FHP 2449# in 120 min

Max Temp 115°F
 oil 55% mud 45%

Max Temp 117°F
 surge then 100% low

Max Temp 118°F

Mud Info:

Date	7-19	7-20	7-21	7-22	7-23	7-24	7-25	7-26
Time	11:30 AM	9:10 AM	11:25 AM	11:55 AM	12:30 AM	2:30 AM	5:00 AM	
Density	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9
WT	8.5	9.1	9.2	9.3	9.3	9.4	9.4	9.4
Vig	44	45	40	42	54	55	58	56
PV	12	14	10	13	16	17	18	18
YP	13	15	12	14	17	18	20	20
GS	13 1/2	14 1/2	13 1/2	13 1/2	16 1/4	17 1/2	15 1/2	16 1/4
WL	7.5	8.0	8.2	8.8	8.8	9.2	8.8	8.8
Cake	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32
PH	11.0	10.0	10.0	9.5	9.5	9.5	8.5	8.5
Chl	300	1100	1500	1700	1300	2000	3500	3800
Ca	20	20	20	20	20	20	40	60
LCM	0	2	1 1/2	2	2	2	2	2

135' Green oil, 42% gamma cori 3059's 5222801 KZ 20151460A

Tool Samp 15 @ 925 70% oil 15% mud
 IHP 2162# FFP 3576# in 60 min
 FFP 8-34# in 30 min; FSP 1290# in 120 min
 ISIP 1291# in 60 min; FHP 2167#

DST #3 MORROW 4712-4740 Max Temp 117°F
 IP Sure blow to .25 inches; FO Sure Then 108 blow
 Rec 20 Total Fluid 5% oil 95% mud

Tool Samp 10% oil 90% mud
 IHP 2367# FFP 16-16 in 60 min
 IHP 7-12 in 30 min; FSP 714# in 120 min
 ISIP 70# in 60 min; FHP 2296#

DST #4 St Louis # H830-4846 Max Temp 118°F
 IP Sure blow to .5" FO .25" inc. to 1.5 inches
 Rec 30 ft Fluid 4% oil + 96% Mud

Tool Samp 35% Oil 65% Mud
 IHP 2456#

IHP 6-13 # in 30 min
 ISIP 977# in 60 min
 FFP 18-22# in 60 min
 FSP 868# in 120 min
 FHP 2449# in 120 min

Mud Info:

Date	7-19	7-20	7-21	7-22	7-23	7-24	7-25	7-26
Time	11:30 AM	9:00 AM	11:30 AM	1:35 AM	1:55 AM	2:30 AM	2:30 AM	6:00 AM
Density	8.5	9.1	9.2	9.3	9.3	9.25	9.4	9.4
Vis	44	45	40	42	54	55	58	56
PV	12	14	10	13	16	17	18	18
YP	13	15	12	14	17	18	20	20
GS	17/36	17/42	17/35	17/38	17/49	17/52	15/52	15/46
WL	7.5	8.0	8.2	8.8	8.8	9.2	8.8	8.8
Cake	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32
PH	11.0	10.0	10.0	9.0	9.5	9.5	8.5	8.5
Chl	3400	1900	1500	1700	1300	2000	3500	3800
Ca	20	20	20	20	20	20	40	60
LCM	0	2	1/2	2	2	2	2	2

OPERATOR **Belexco LLC** LOCATION **1882 ESL 4 391' FEL**
 LEASE **Hibbert** NO. **1-16** SEC **16** TWP. **23S** RANG. **32W**
 ELEVATION **2909 KB** ATD **4950** COUNTY **Finney** STATE **Kansas**