

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1248057  
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: \_\_\_\_\_

1248057

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Jennie 1-24
Doc ID	1248057

Tops

Name	Top	Datum
Heebner (base)	3923	-978
Toronto	3934	-989
Lansing A	3968	-1023
Lansing B	4019	-1074
Lansing C	4054	-1109
Lansing D	4106	-1161
Lansing E	4158	-1213
Lansing F	4194	-1249
Lansing G	4252	-1307
Lansing H	4279	-1334
Lansing I	4319	-1374
KS City A	4395	-1450
KS City B	4435	-1490
Base KS City	4521	-1576
Marmaton B	4635	-1618
Morrow	4932	-1987
Chester	5054	-2109
Lwr Chester Snd.	5120	-2175
Meramec	5168	-2223
RTD	5261	-2316
LTD	5247	-2302



# ALLIED OIL & GAS SERVICES, LLC 063733

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:  
Great Bend KS

DATE <u>12-14-14</u>	SEC. <u>24</u>	TWP. <u>26</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>6:30 AM</u>	JOB START <u>12:00 PM</u>	JOB FINISH <u>1:00 PM</u>
LEASE <u>Seismic</u>		WELL # <u>1-24</u>		LOCATION <u>GARDEN CITY 13 miles south to</u>		COUNTY <u>Finney</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>				TU Rd 6 west south into			

CONTRACTOR Berexco #1

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 1792

CASING SIZE 8 7/8 23 LBS DEPTH 1792

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 42.18

PERFS. \_\_\_\_\_

DISPLACEMENT 111.46 Fresh H2O

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 650 SXS 65/35+6% Gel + 3% CC + 1/4 fls

150 SXS CLASS A 3% CC

COMMON <u>150</u>	@ <u>17.90</u>	<u>2,685.00</u>
POZMIX _____	@ _____	_____
GEL _____	@ _____	_____
CHLORIDE <u>2119</u>	@ <u>1.10</u>	<u>2,330.90</u>
ASC _____	@ _____	_____
<u>650 SXS 65/35+6%</u>	@ <u>19.88</u>	<u>12,922.00</u>
<u>fls 163</u>	@ <u>2.97</u>	<u>484.11</u>
<u>Materials Total</u>		<u>18,422.01</u>
<u>Dues 35%</u>		<u>6,497.70</u>
<u>Service</u>		_____
HANDLING <u>905</u>	@ <u>2.48</u>	<u>2,244.40</u>
MILEAGE <u>38.16 x 50 x</u>	@ <u>2.75</u>	<u>5,247.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Kevin Eddy

# 597 HELPER Patrick Walker

BULK TRUCK

# 870/844 DRIVER Kevin Weighous

BULK TRUCK

# 603 DRIVER Jose Tracheta

REMARKS:

ON location / Hold safety meeting / Rig up, Rig  
RAW 1792 FT OF 8 7/8 CASING + Float Equip. Hook To  
Head Brake Circ w/ Rig mud. Drop Ball. Pump  
5 A Head. mix 650 SXS 65/35+6% Gel + 3% CC + 1/4 fls  
Mix 150 SXS CLASS A 3% CC. Shut Down Release  
Plug. Displace 111.46 BBIS Fresh H2O. Land Plug  
@ PSI - Release. Cement did not cure  
Rig Down

DEPTH OF JOB 1792

PUMP TRUCK CHARGE 2213.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE HUM 50 @ 7.70 385.00

MANIFOLD @ \_\_\_\_\_ 275.00

CHARGE TO: Berexco LLC

STREET \_\_\_\_\_

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

TOTAL 10,365.15  
35% 3,627.90

PLUG & FLOAT EQUIPMENT

Guide shoe <u>1</u>	@ <u>460.00</u>	<u>460.00</u>
Afla Insert <u>1</u>	@ <u>447.00</u>	<u>447.00</u>
Rubber Plug <u>1</u>	@ <u>131.00</u>	<u>131.00</u>
Centralizers <u>3</u>	@ <u>75.00</u>	<u>225.00</u>
TOTAL		<u>1,263.00</u>
30%		<u>378.90</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 30,058.16

35% 35% 50% 10,454.90

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

19,595.76

PRINTED NAME Gilbert Davila SA

SIGNATURE [Signature]

Date 12-14-14 District Great Bend Ticket No. 63733  
 Company Berexco LLC Rig Berexco #1  
 Lease Senoie Well No. 1-24  
 County Finney State KS  
 Location SARDEN CITY 13 miles south Field 24-26-34  
To TU Rd 6 miles west south into  
 CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size 8 5/8 Type \_\_\_\_\_ Weight 23.65 Collar \_\_\_\_\_

Casing Depths: Top \_\_\_\_\_ Bottom 1792

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 12 1/4 T.O. 1792 ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. -0637 Lin. ft./Bbl. \_\_\_\_\_  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

CEMENT DATA:

Spacer Type: Fresh H2O  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

LEAD: Pump Time Thicken hrs. Type 65/35 6% gel  
3% cc 1/4 8/10 Excess \_\_\_\_\_

Amt. 650 Skys Yield 1.97 ft<sup>3</sup>/sk Density 12.5 PPG \_\_\_\_\_

TAIL: Pump Time Thicken hrs. Type CLASS A 3% cc  
 Excess \_\_\_\_\_

Amt. 150 Skys Yield 1.34 ft<sup>3</sup>/sk Density 15.2 PPG \_\_\_\_\_

WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

Pump Trucks Used 597 / Patrick Walker  
 Bulk Equip. 870 / 844 Kevin warehouse  
603 Jose Tracheta

Float Equip: Manufacturer \_\_\_\_\_

Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_

Float: Type \_\_\_\_\_ Depth \_\_\_\_\_

Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_

Stage Collars \_\_\_\_\_

Special Equip. \_\_\_\_\_

Disp. Fluid Type Fresh H2O Amt. 111.46 Bbls. Weight \_\_\_\_\_ PPG \_\_\_\_\_

Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG \_\_\_\_\_

COMPANY REPRESENTATIVE \_\_\_\_\_

CEMENTER Kevin Eddy

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
<u>6:30 AM</u>						<u>ON Location / Held safety meeting / Rig up</u>
						<u>Rig Ran 1792 ft of 8 5/8 casing + Float Equip</u>
						<u>Hook to Head Dump Ball Broke Circ w/ Rig mud</u>
				<u>S</u>	<u>S</u>	<u>Pump S Ahead</u>
				<u>228.05</u>	<u>S</u>	<u>Mix 650 x 65/35 6% Gel + 3% cc + 1/4 8/10</u>
				<u>35.79</u>	<u>S</u>	<u>Mix 150 x CLASS A 3% cc</u>
						<u>SHut Down Release Plug</u>
				<u>111.46</u>	<u>S</u>	<u>Displace 111.46 Fresh H2O</u>
						<u>Land Plug @ PSE</u>
						<u>Release</u>
						<u>Rig Down</u>
						<u>Cement did not cure</u>

# ALLIED OIL & GAS SERVICES, LLC 063734

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:  
Geert Beredco KS

DATE <u>12-14-14</u>	SEC. <u>24</u>	TWP. <u>26</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>2:00pm</u>	JOB START <u>5:30 PM</u>	JOB FINISH <u>6:00 PM</u>
LEASE <u>Jennie</u>		WELL # <u>1-24</u>		LOCATION <u>Garden City South To TURD</u>		COUNTY <u>Finney</u>	STATE <u>KS</u>
OLD OR <del>NEW</del> (Circle one)		<u>West 6 miles South into</u>					

CONTRACTOR Beredco OWNER \_\_\_\_\_

TYPE OF JOB one inch

HOLE SIZE 12 1/4 T.D. 1792 60ft down CEMENT

CASING SIZE 8 5/8 DEPTH 1792 AMOUNT ORDERED 200 SXS CLASS A 3% CC

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_ COMMON 200 @ 17.90 3580.00

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_ POZMIX \_\_\_\_\_ @ \_\_\_\_\_

CEMENT LEFT IN CSG. 0 GEL \_\_\_\_\_ @ \_\_\_\_\_

PERFS. \_\_\_\_\_ CHLORIDE 564 @ 1.10 620.40

DISPLACEMENT \_\_\_\_\_ ASC \_\_\_\_\_

EQUIPMENT

PUMP TRUCK CEMENTER Kevin Eddy Material total 4200.40

# 597 HELPER Patrick Walker Disc 35% 1470.14

BULK TRUCK \_\_\_\_\_ @ \_\_\_\_\_

# 8911310 DRIVER Brandon Wilkinson \_\_\_\_\_ @ \_\_\_\_\_

BULK TRUCK \_\_\_\_\_ @ \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_ @ \_\_\_\_\_

HANDLING 210 Service @ 2.48 520.80

MILEAGE 9.68 X 50 X 2.75 1331.00

**REMARKS:**

Rigged up to cellar. Ran one inch. mixed 200 SXS CLASS A 3% CC. Shut down washed up. Rig down

DEPTH OF JOB 60 ft Down

PUMP TRUCK CHARGE 1512.25

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

CHARGE TO: Beredco

STREET \_\_\_\_\_

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

3364.05  
TOTAL ~~1512.25~~  
Disc 35% 1177.42

**PLUG & FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 0  
Disc 0% 0

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 7564.45

35% 2647.56

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

4916.89

PRINTED NAME \_\_\_\_\_

SIGNATURE Pat [Signature]

THANK YOU!

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.



# CEMENTING LOG

STAGE NO.

Date 12-15-12 District Oakley Ticket No. 06486-2  
 Company Buraco Rig Buraco 1  
 Lease Jennix Well No. 1-24  
 County Finney State KS  
 Location 24 21 34 Field \_\_\_\_\_  
Golden city 5 to tv Rd New 5170

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size \_\_\_\_\_ Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size \_\_\_\_\_ T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

CEMENT DATA:

Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type com 3850  
 Excess \_\_\_\_\_  
 Amt. 1000 Skys Yield 1118 ft<sup>3</sup>/sk Density 1566 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

Pump Trucks Used 431  
 Bulk Equip. 818

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE \_\_\_\_\_

CEMENTER Andrew

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
<u>6:30 AM</u>				<u>13</u>		<u>Cement Bell approx 20' on surface TAP OFF and fill 100 gal</u>
<u>7:00 AM</u>						



# ALLIED OIL & GAS SERVICES, LLC 064862

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:

Co. Hlex

DATE <u>12-15-14</u>	SEC. <u>24</u>	TWP. <u>26S</u>	RANGE <u>34W</u>	CALLED OUT	ON LOCATION	JOB START <u>6:30 AM</u>	JOB FINISH <u>3:00 AM</u>
LEASE <u>Sennie</u>	WELL # <u>1-24</u>		LOCATION <u>Carder city S TO TV Rd</u>		COUNTY <u>Finnex</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			LHW Sinto				

CONTRACTOR Borexco 1  
 TYPE OF JOB TOP OFF  
 HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_  
 CASING SIZE 8 5/8 DEPTH \_\_\_\_\_  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_

OWNER same

CEMENT  
 AMOUNT ORDERED 300 sks com spec  
used 100 sks cement

### EQUIPMENT

PUMP TRUCK CEMENTER Andrew Larstad  
 # 431 HELPER Brandon Wilkison  
 BULK TRUCK  
 # 818 DRIVER Wayne Messalle  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON 100 @ 17.90 1790.00  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 CHLORIDE 282 # @ 1.10 310.20  
 ASC \_\_\_\_\_ @ \_\_\_\_\_

Material Total @ \_\_\_\_\_ 2,100.20  
 (114.07 / 34%) @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING 315 cu/ft @ 2.48 781.20  
 MILEAGE 2.25 to 4/mile 14.52 to 1996.50

### REMARKS:

Cement Full approx 20', top off with 100 sks com spec. stayed full

Thank you

CHARGE TO: Borexco  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### SERVICE

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE 50 mile @ 7.70 385.00  
 MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_  
Light vehicle @ 4.40 N/C  
 \_\_\_\_\_ @ \_\_\_\_\_  
 (1075.31 / 34%) TOTAL 3,162.70

### PLUG & FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

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 Arthur Davila Jr  
 SIGNATURE [Signature]

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 5,262.90  
 DISCOUNT 1,789.38 (34%) IF PAID IN 30 DAYS  
3,473.51 Net.

# ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: De Klyck

DATE <u>10/26/14</u>	SEC. <u>24</u>	TWP. <u>24</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION	JOB START <u>6:00 AM</u>	JOB FINISH <u>8:15 AM</u>
LEASE <u>Tenny</u>	WELL # <u>1-24</u>	LOCATION <u>Crosby City 50 TUB 6'1" W 5070</u>			COUNTY <u>Francis</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR <u>Bozella</u>	OWNER <u>Sam</u>
TYPE OF JOB <u>Prod, 2 Stage</u>	
HOLE SIZE <u>7 7/8</u>	CEMENT
CASING SIZE <u>5 1/2</u>	AMOUNT ORDERED <u>15 51K 65/35 600' 144FLO, 210</u>
TUBING SIZE	<u>14.0 25.0 27.0, 16" 16" 114FLO, 25.5 51K 144FLO</u>
DRILL PIPE	<u>32.5 51K 65/35 144FLO 50 114FLO 210 27.0 114FLO</u>
TOOL <u>BU</u>	COMMON <u>99</u>
PRES. MAX	POZMIX
MEAS. LINE	GEL
CEMENT LEFT IN CSG. <u>43'</u>	CHLORIDE
PERFS.	ASC <u>210 5K</u>
DISPLACEMENT <u>Bottom H<sub>2</sub>O - 144FLO</u>	<u>65/35 600' 144FLO</u>

<table border="0"> <tr><td>DEPTH</td><td><u>5260</u></td></tr> <tr><td>DEPTH</td><td></td></tr> <tr><td>DEPTH</td><td><u>3208</u></td></tr> <tr><td>MINIMUM</td><td></td></tr> <tr><td>SHOE JOINT</td><td><u>213'</u></td></tr> <tr><td></td><td><u>43'</u></td></tr> </table>	DEPTH	<u>5260</u>	DEPTH		DEPTH	<u>3208</u>	MINIMUM		SHOE JOINT	<u>213'</u>		<u>43'</u>	<table border="0"> <tr><td>@ <u>23.20</u></td><td><u>6227.50</u></td></tr> <tr><td>@ <u>19.88</u></td><td><u>9941.20</u></td></tr> <tr><td>@ <u>2.22</u></td><td><u>365.31</u></td></tr> <tr><td>@ <u>1.98</u></td><td><u>1558.20</u></td></tr> <tr><td>@ <u>18.50</u></td><td><u>2513.70</u></td></tr> <tr><td>@ <u>3.50</u></td><td><u>231.00</u></td></tr> <tr><td>@ <u>2.18</u></td><td><u>206.29</u></td></tr> <tr><td>@ <u>2.18</u></td><td><u>191.75</u></td></tr> <tr><td>@ <u>51.82</u></td><td><u>5182.00</u></td></tr> <tr><td colspan="2" style="text-align: right;">TOTAL <u>1016.54/34%</u></td></tr> </table>	@ <u>23.20</u>	<u>6227.50</u>	@ <u>19.88</u>	<u>9941.20</u>	@ <u>2.22</u>	<u>365.31</u>	@ <u>1.98</u>	<u>1558.20</u>	@ <u>18.50</u>	<u>2513.70</u>	@ <u>3.50</u>	<u>231.00</u>	@ <u>2.18</u>	<u>206.29</u>	@ <u>2.18</u>	<u>191.75</u>	@ <u>51.82</u>	<u>5182.00</u>	TOTAL <u>1016.54/34%</u>	
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EQUIPMENT	
PUMP TRUCK # <u>273-281</u>	CEMENTER <u>Alan Ryan</u>
BULK TRUCK # <u>566</u>	HELPER <u>Kevin Ryan</u>
BULK TRUCK # <u>890</u>	DRIVER <u>Wayne Messelle</u>
	DRIVER <u>Sharon Tuttle</u>

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CHARGE TO: Bozella  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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 \_\_\_\_\_  
SIGNATURE [Signature]

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Date 10/26/14 District Orkney Ticket No. 062810  
 Company Berndt Rig Berndt 1  
 Lease Ben of Perry Well No. 1-04  
 County Franklin State IL  
 Location \_\_\_\_\_ Field \_\_\_\_\_

CEMENT DATA:

Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type 210 ASC  
 Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
 TAIL: Pump Time \_\_\_\_\_ hrs. Type 225 ALW / 50 ASC  
 Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
 WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

Pump Trucks Used 223-281  
 Bulk Equip. 566 890

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner

Size 5 1/2 Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths: Top 115 Bottom 5260

Drill Pipe: Size 9 1/2 Weight \_\_\_\_\_ Collars \_\_\_\_\_

Open Hole: Size 7 7/8 T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 0.238 Lin. ft./Bbl. \_\_\_\_\_

Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

Float Equip: Manufacturer \_\_\_\_\_

Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_

Float: Type \_\_\_\_\_ Depth \_\_\_\_\_

Centralizers: Quantity 10 Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_

Stage Collars \_\_\_\_\_

Special Equip. 140 2 pullet

Disp. Fluid Type Hard mud Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG

Mud Type Hard mud Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE \_\_\_\_\_

CEMENTER AK

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
<u>6:00 AM</u>						<u>On location 6:00 AM 210 ASC</u> <u>Run by Cementer</u> <u>Rate 115 SK @ 175 GPM</u> <u>Rate 210 ASC</u> <u>Workup</u> <u>Displace w/ H<sub>2</sub>O</u> <u>200 ft</u> <u>Workup</u> <u>210 ASC</u> <u>Rate 325 SK @ 210 GPM</u> <u>Rate 325 SK @ 210 GPM</u> <u>Rate 50 SK @ 50 GPM</u> <u>Workup</u>
<u>12:00 PM</u>	<u>1200</u>			<u>27</u>		<u>Displace w/ H<sub>2</sub>O</u> <u>200 ft</u>
<u>8:00 PM</u>	<u>1000</u>			<u>27</u>		<u>Displace w/ H<sub>2</sub>O</u> <u>200 ft</u> <u>Job Complete</u>



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: JNN1-24DST1

TIME ON: 0530  
TIME OFF: 1745

Company BEREXCO LLC Lease & Well No. JENNIE #1-24  
Contractor BEREDCO LLC RIG 1 Charge to BEREXCO LLC  
Elevation 2933 GL Formation MARMATON B Effective Pay \_\_\_\_\_ Ft. Ticket No. M742  
Date 12/21/2014 Sec. 24 Twp. 26 S Range 34 W County FINNEY State KANSAS  
Test Approved By WADE CONDUCT Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 4549 ft. to 4582 ft. Total Depth 4582 ft.  
Packer Depth 4544 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.  
Packer Depth 4549 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4531 ft. Recorder Number 0063 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 4551 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 60 Drill Collar Length 626 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 7.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 2,600 P.P.M. Drill Pipe Length 3891 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 33 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, INCREASED TO 3/4" (NO BB)  
2nd Open: WSB, INCREASED TO 1 1/2 " (NO BB)

Recovered <u>-5</u> ft. of <u>VSOSGM 4% GAS, 96% MUD W/ A THIN SCUM OF OIL</u>	
Recovered <u>-5</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>1% GAS, 6% OIL, 93% MUD</u>	Total

Time Set Packer(s) 10:15 A.M. <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 2:00 P.M. <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 116°F  
Initial Hydrostatic Pressure..... (A) 2152 P.S.I.  
Initial Flow Period..... Minutes 15 (B) 9 P.S.I. to (C) 14 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 142 P.S.I.  
Final Flow Period..... Minutes 60 (E) 17 P.S.I. to (F) 20 P.S.I.  
Final Closed In Period..... Minutes 120 (G) 191 P.S.I.  
Final Hydrostatic Pressure..... (H) 2141 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	BEREXCO LLC	Job Number	M742
Well Name	JENNIE #1-24	Representative	MIKE COCHRAN
Unique Well ID	DST#1 4549-4582 MARMATON B	Well Operator	BEREXCO LLC
Surface Location	SEC.24-26S-34W FINNEY CO.KS.	Report Date	2014/12/21
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	WADE CONDUCT
		Test Unit	NO. 3

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 4549-4582 MARMATON B		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/12/21	Start Test Time	05:30:00
Final Test Date	2014/12/21	Final Test Time	17:45:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

### Test Results

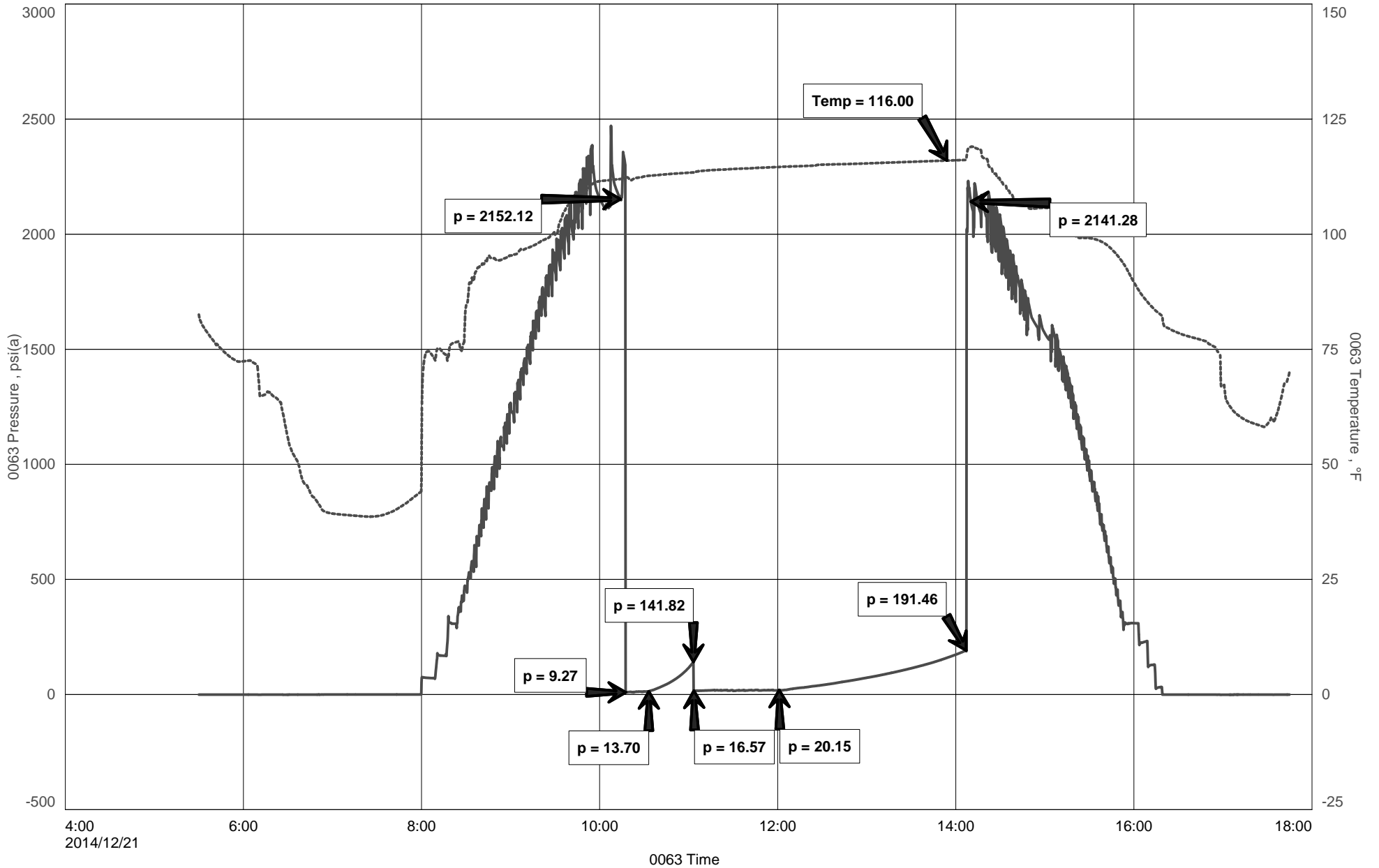
Remarks RECOVERED:  
~5' VSOSGM 4% GAS, 96% MUD W/ A THIN SCUM OF OIL  
~5' TOTAL FLUID

TOOL SAMPLE: 1% GAS, 6% OIL, 93% MUD

BEREXCO LLC  
DST#1 4549-4582 MARMATON B  
Start Test Date: 2014/12/21  
Final Test Date: 2014/12/21

JENNIE #1-24  
Formation: DST#1 4549-4582 MARMATON B  
Pool: WILDCAT  
Job Number: M742

# JENNIE #1-24





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: JNN1-24DST2

TIME ON: 1035 (12/25)  
TIME OFF: 0045 (12/26)

Company BEREXCO LLC Lease & Well No. JENNIE #1-24  
Contractor BEREDCO LLC RIG 1 Charge to BEREXCO LLC  
Elevation 2933 GL Formation CHESTER Effective Pay \_\_\_\_\_ Ft. Ticket No. M743  
Date 12/25/2014 Sec. 24 Twp. 26 S Range 34 W County FINNEY State KANSAS  
Test Approved By WADE CONDUCT Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 5065 ft. to 5147 ft. Total Depth 5247 LTD ft.  
Packer Depth 5060 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.  
Packer Depth 5065 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 5047 ft. Recorder Number 5448 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 5067 ft. Recorder Number 0063 Cap. 5,000 P.S.I.  
Below Straddle Recorder Depth 5243 ft. Recorder Number E1150 Cap. 5,000 P.S.I.

Mud Type CHEM Viscosity 56 Drill Collar Length 626 ft. I.D. 2 1/4 in.  
Weight 9.3 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 3,700 P.P.M. Drill Pipe Length 4407 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 82, 100' TP ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (62' DP) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: SSB, INC. TO 6" (NO BB)  
2nd Open: SSB, BOB 44 MIN (NO BB)

Recovered 310 ft. of GOCM 2% GAS, 34% OIL, 64% MUD  
Recovered 90 ft. of VSOSGM 10% GAS, 90% MUD, THIN SCUM OF OIL  
Recovered 400 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: <u>5262 RTD</u> <u>BELOW STRADDLE PSI: 1919</u>	
<u>RIG BROKE DRIVE CHAIN ON 1ST OPEN.</u>	
TOOL SAMPLE: <u>2% GAS, 10% OIL, 88% MUD</u>	Total

Time Set Packer(s) 3:15 P.M. A.M. P.M. Time Started Off Bottom 8:30 P.M. A.M. P.M. Maximum Temperature 127°F

Initial Hydrostatic Pressure..... (A) 2459 P.S.I.  
Initial Flow Period..... Minutes 75 (B) 25 P.S.I. to (C) 165 P.S.I.  
Initial Closed In Period..... Minutes 60 (D) 1302 P.S.I.  
Final Flow Period..... Minutes 60 (E) 153 P.S.I. to (F) 208 P.S.I.  
Final Closed In Period..... Minutes 120 (G) 1327 P.S.I.  
Final Hydrostatic Pressure..... (H) 2328 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	BEREXCO LLC	Job Number	M743
Well Name	JENNIE #1-24	Representative	MIKE COCHRAN
Unique Well ID	DST#2 5065-4147 CHESTER STRADDLE	Well Operator	BEREXCO LLC
Surface Location	SEC.24-26S-34W FINNEY CO.KS.	Report Date	2014/12/25
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	WADE CONDUCT
		Test Unit	NO. 3

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 5065-4147 CHESTER STRADDLE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/12/25	Start Test Time	10:35:00
Final Test Date	2014/12/26	Final Test Time	00:45:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
Gauge Serial Number			

### Test Results

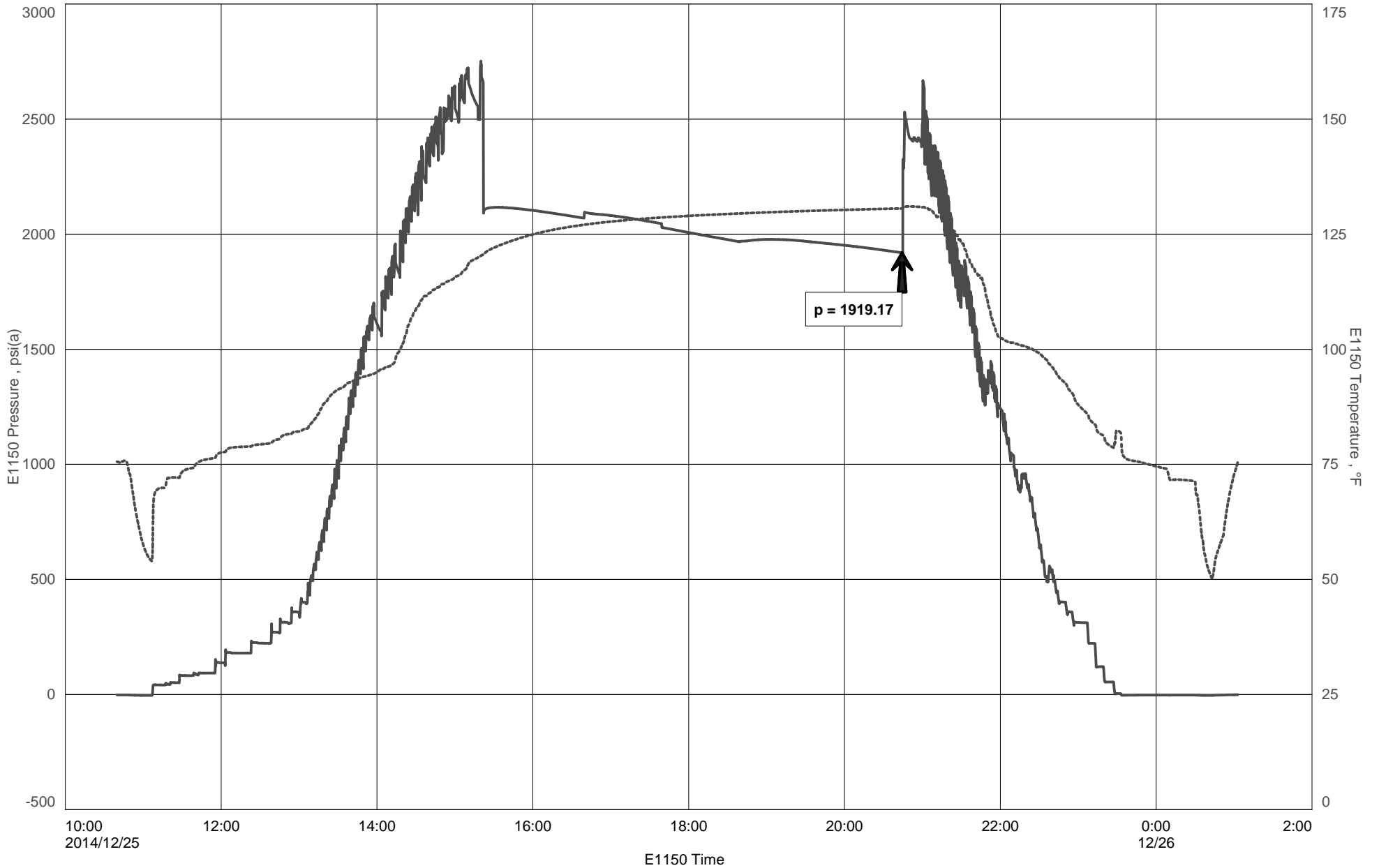
Remarks **RECOVERED:**

310' GOCM 2% GAS, 34% OIL, 64% MUD  
90' VSOSGM 10% GAS, 90% MUD, THIN SCUM OF OIL  
400' TOTAL FLUID

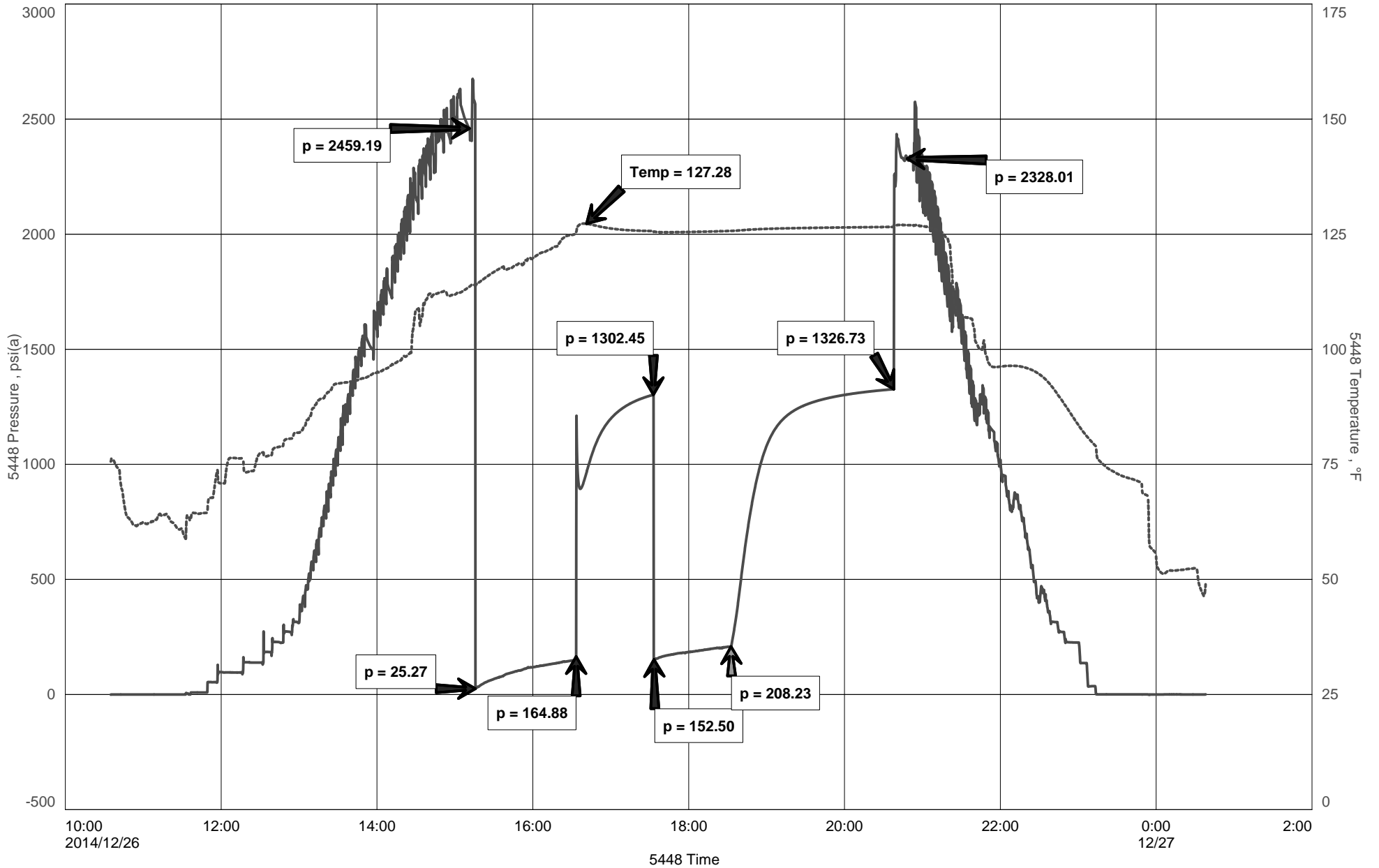
**TOOL SAMPLE:** 2% GAS, 10% OIL, 88% MUD

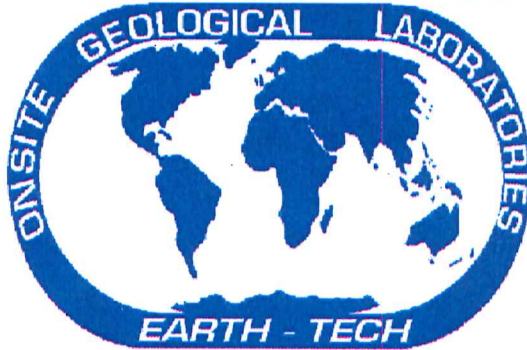


# JENNIE #1-24 DST#2 BELOW STRADDLE



# JENNIE #1-24





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

Well Name: Jennie 1-24  
API: 15-055-22366  
Location: 24-T26S-R34W  
License Number:  
Spud Date: 12/15/2014  
Surface Coordinates:

Region: Wildcat  
Drilling Completed: 12/30/2014

Bottom Hole  
Coordinates:  
Ground Elevation (ft): 2932.7  
Logged Interval (ft): 3800  
Formation:  
Type of Drilling Fluid: Mud

To: 5260  
K.B. Elevation (ft): 2945  
Total Depth (ft): 5260

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

#### OPERATOR

Company: Berexco  
Address:

#### GEOLOGIST

Name: Wade Conduct  
Company: Berexco LLC  
Address:

#### DST's Report

DST #1 (MARM 'B') 4549-4582  
15-30-60-120  
IF: WSB BUILT TO 3/4"  
FF: WSB BUILT TO 1 1/2"  
SIP 142/191#  
REC 5' G&OCM (4%G, 96%M W/THIN SCUM OIL)

DST #2 (CHST) 5065-5147 W/STR PKR  
75-60-60-120  
SIP 1302/1326  
REC 310' GOCM (2% G, 34% O, 64% M), 90' VSOSGM (10%G, 90% M W/ THIN SCUM OIL)

### ROCK TYPES

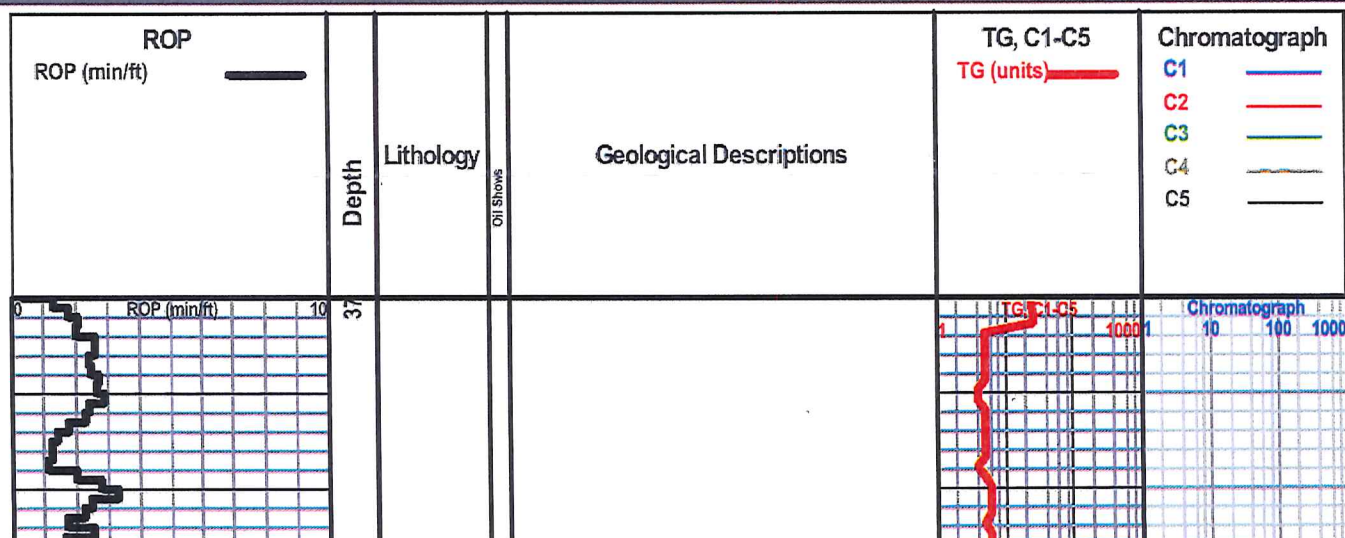
	Anhy		Gyp		Shgy		Sandylms
	Bent		Igne		Slstst		Shale
	Brec		Lmst		Ss		Slststn
	Cht		Meta		Till		Shlyslts
	Clyst		Mrlst		Carb sh		Sitysh
	Coal		Salt		Dol		Lms
	Congl		Shale		Dtd		
	Dol		Shcol		Gry sh		

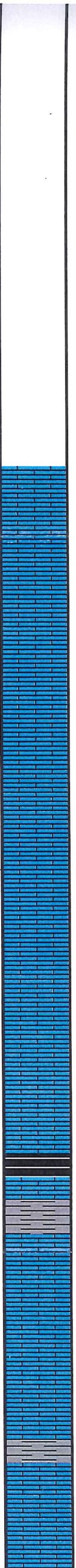
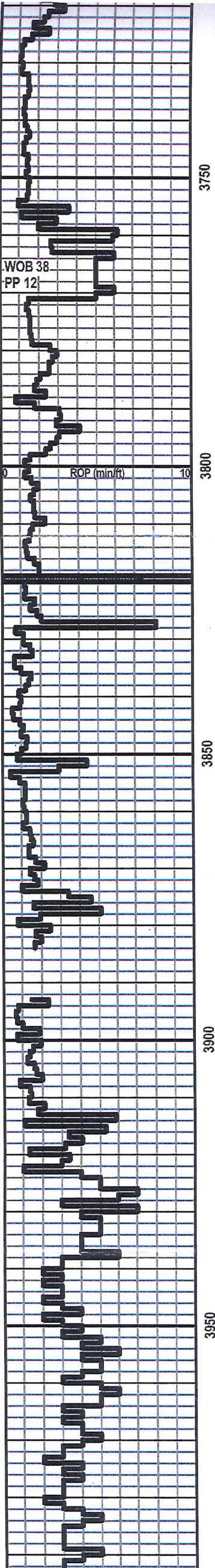
### ACCESSORIES

<b>MINERAL</b>		Salt		Fossil		Clystn	
	Anhy		Sandy		Gastro		Dol
	Arggrn		Silt		Oolite		Grysh
	Arg		Sil		Ostra		Gryslt
	Bent		Sulphur		Pelec		Lms
	Bit		Tuff		Pellet		Sandylms
	Brecfrag		Chlorite		Pisolite		Sh
	Calc		Dol		Plant		Slststn
	Carb		Sand		Strom		
	Chtdk		Silty		Fuss	<b>TEXTURE</b>	
	Chtlt				Oomold		Boundst
	Dol	<b>FOSSIL</b>					Chalky
	Feldspar		Algae	<b>STRINGER</b>			Cryxln
	Ferrpel		Amph		Anhy		Earthy
	Ferr		Belm		Arg		Finexln
	Glau		Bioclst		Bent		Grainst
	Gyp		Brach		Coal		Lithogr
	Hvymin		Bryozoa		Dol		Microxln
	Kaol		Cephal		Gyp		Mudst
	Marl		Coral		Ls		Packst
	Minxl		Crin		Mrst		Wackest
	Nodule		Echin		Slststrg		
	Phos		Fish		Ssstrg		
	Pyr		Foram		Carbsh		

### OTHER SYMBOLS

<b>POROSITY TYPE</b>	<b>SORTING</b>		Angular	<b>INTERVALS</b>	
	Earthy		Well		Core
	Fenest		Moderate		Dst
	Fracture		Poor		Dst
	Inter	<b>ROUNDING</b>		<b>EVENTS</b>	
	Moldic		Rounded		Rft
	Organic		Subrnd		Sidewall
	Pinpoint		Subang		
	Vuggy				





BEGIN SAMPLE CATCHING

Ls -gy, hd, fn-v fn xln w/ chlk to subchlk, ns, no vis por

Ls abun chlk wht-crm no vis por, sctrd min fluoro, no cut, no show

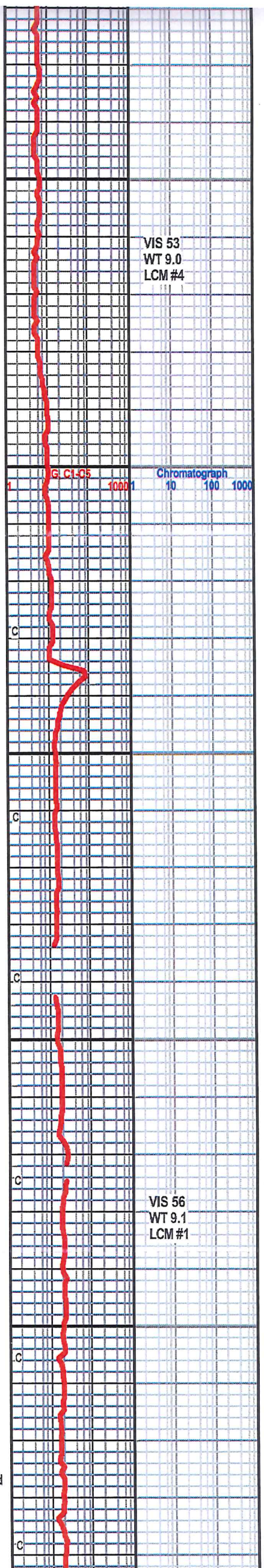
HEEBNER BASE 2923 (-978)

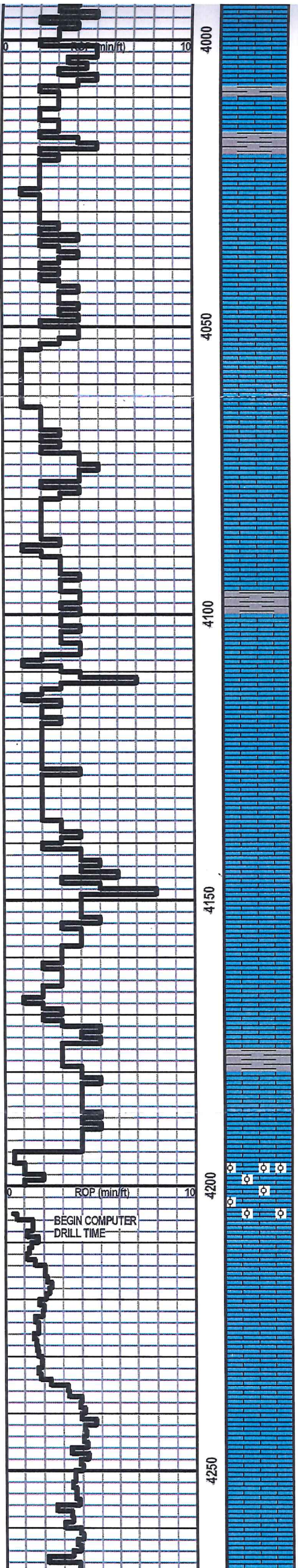
TORONTO 3934 (-989)

Ls - lt gy, hd, abun foss frag, ns

LANSING 3968 (-1023)

Ls crypto to vv fn grn wht -crm w/ tr gy, sctrd min fluoro, no cut, no show





**LANSING 'B' 4019 (-1074)**

Ls tr to abun wht chalk w/ som ool mat. pr micro pp & intrxstln por

**LANSING 'C' 4054 (-1109)**

Ls abn crm , crypto - v fn xstln, no vis por, no show

**LANSING 'D' 4106**

Ls - crm to lt tan, f xln w/ tr subsucro, scat foss frag, ns

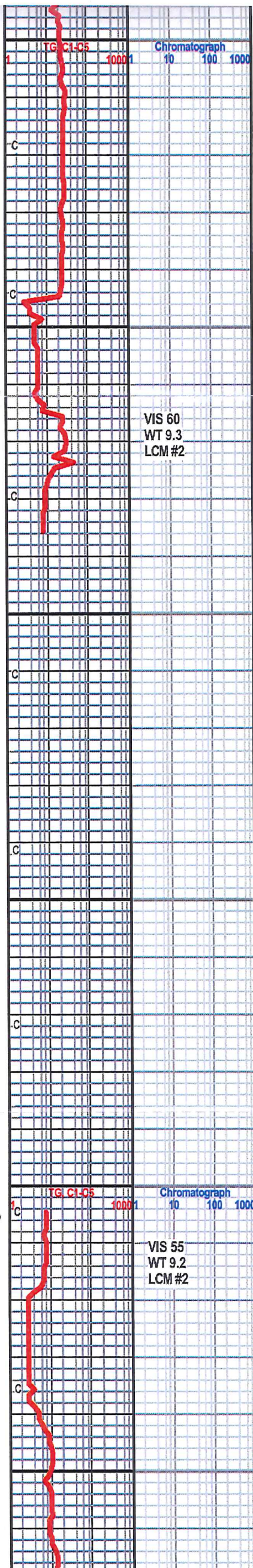
**LANSING 'E' 4158 (-1213)**

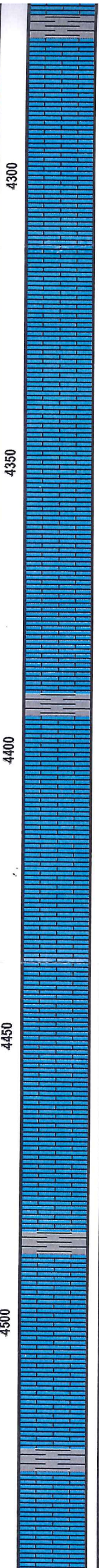
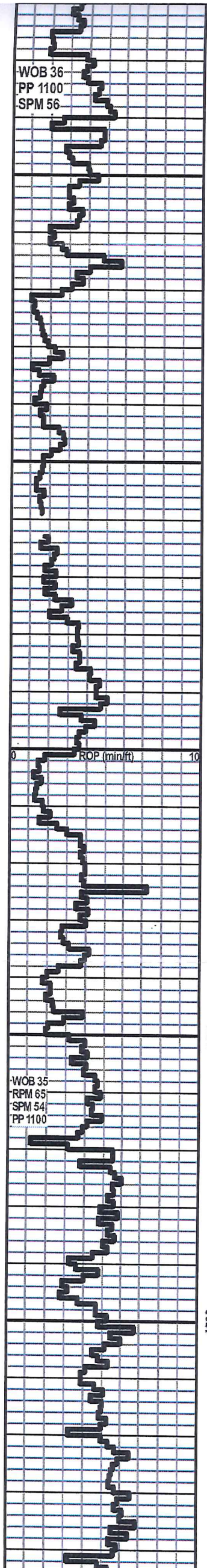
Ls, v chlky, lt gy, ool in pt, no show

**LANSING 'F' 4194 (-1249)**

Ls v - xtrly chlky with sctrd rexstl foss frag, ool in part, tr poor-fr micro ppt por, no cut, no show

**LANSING 'G' 4252 (-1307)**





LANSING 'H' 4279 (-1334)

LANSING 'I' 4319 (-1374)

Sh dk-gy-blk

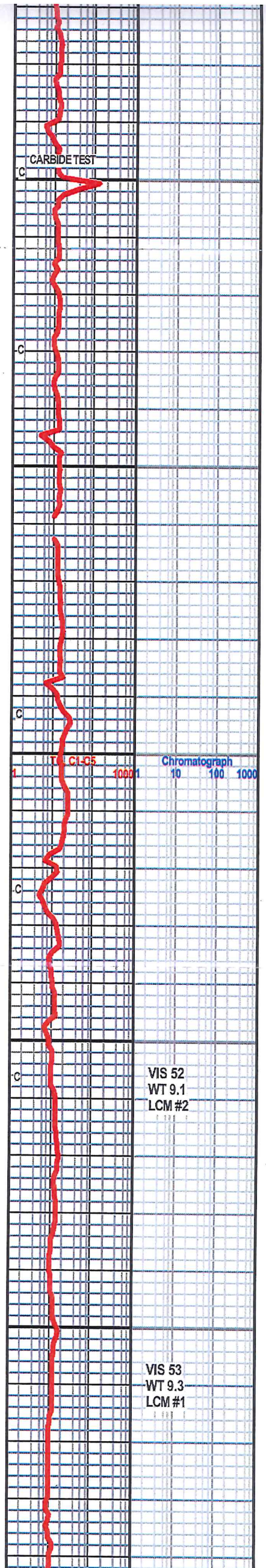
KC 'A' 4395 (-1450)

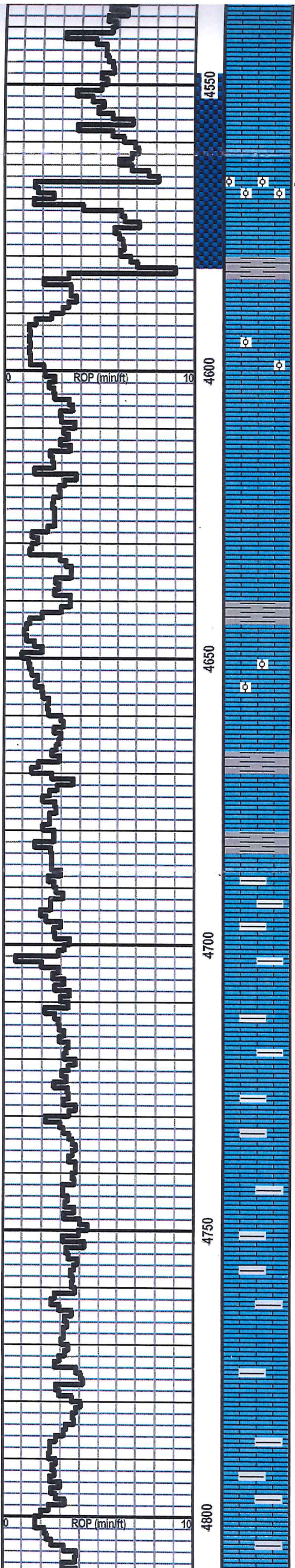
Ls crypto -vv fn, tr chlk, minor rexstlzd foss frags, no cut, no show

KC 'B' (-1490)

Ls tr wht to crm chlk, crypto to vv fn xstl, tr rexstl ool, sctrd min fluoro, no cut, no show

Sh dk gy-blk





**MARMATON 'B' ZONE (-1618)**  
 Ls crm to lt tan, very ool w/ chlk, wht - crm w/ sptd to unven lt tan oil stain, rexstlz w/ phantom oolites, dull golden fluoro, fair odor, abundant fr to gd ool por frm dissltn of 30% of expsd oolts, 70% rexstlzd, few smpls with abun foss frag

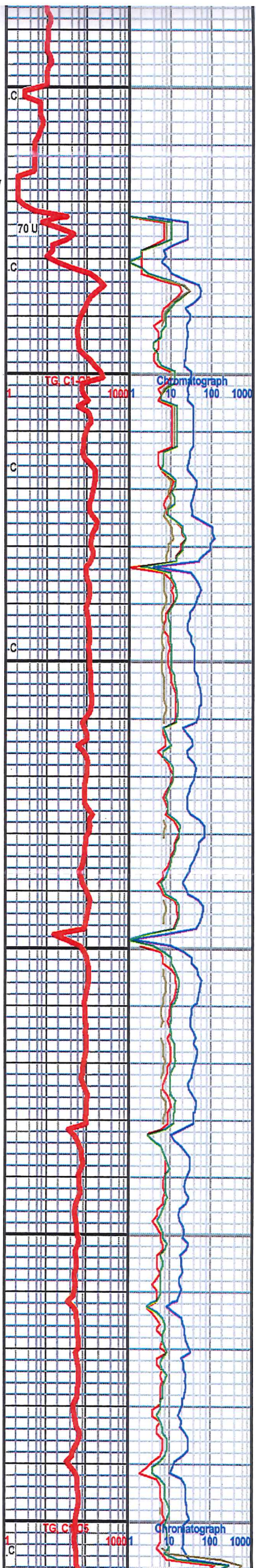
**NOVINGER**  
 Ls, abun chalk, wht-crm, ool in part, tr fr to good intrxstln por, no cut, no show

**PAWNEE**  
 tan lim, dns w/chlk, ool in part, sctrd min fluoro, no cut, no show

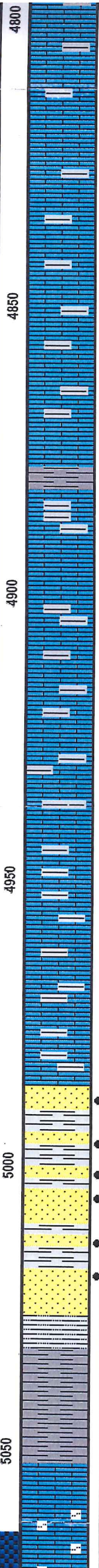
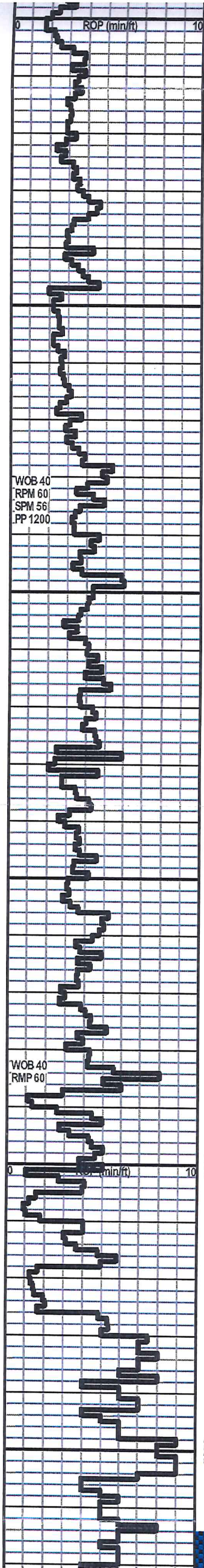
**FORT SCOTT**

**CHEROKEE**

Ls sh intrbd







Sh dk gy-blk pyr in part  
 Ls dk gy, vv fn-crypto, tr micro pp por, dull  
 yell fluor, ns

Sh dk gy- blk, platy

Ls - dk cream-brn, drty, few pcs w/ scrttrd  
 pyrit, v. intrbd, few pcs w/ drk yl fluoro, ns

**MORROW 4932 (-1987)**

Ls tan-lt-brwn w/ tr lt blu-wht cht, minor  
 glauct, minor pyrite, md-fn xstl, tr  
 poor-intrxstn por

Ls dk gy, tr intrxstn por

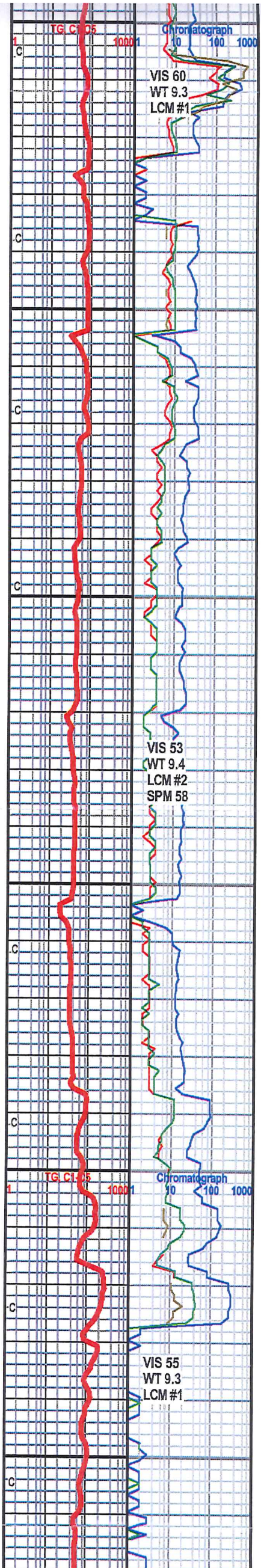
Ss fn-v fn grn, crm-wht w/ spdt to bltchy brn  
 oil stn, friable, tr pr-fr intergrn por, minor clay  
 fill, lt yell fluor, exc strm cut

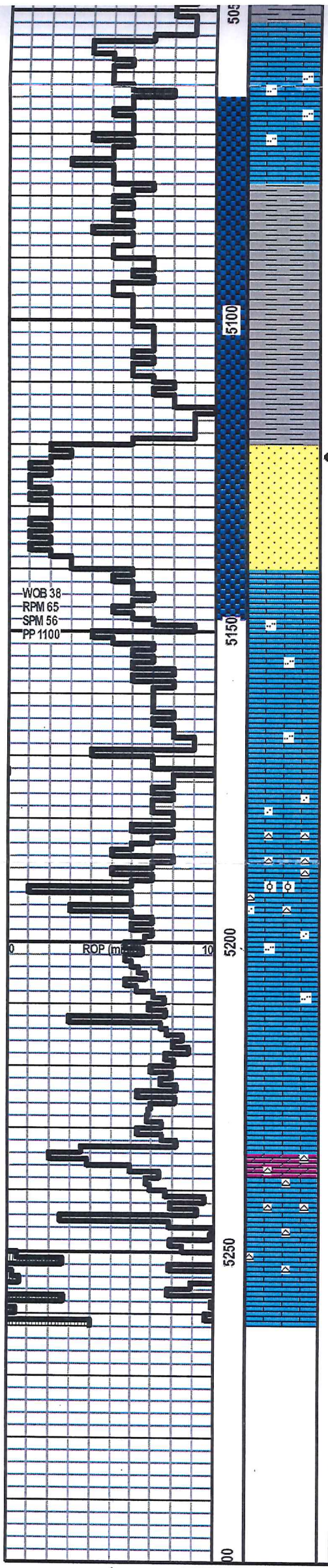
Ss: vv fn to v fn clear qtz, subrounded w/  
 brwn even oil stn, tr clay min, dull gold  
 fluoro, abnd fair to good intergranr por, exc  
 strm-flush cut

Ss qtz w/ tr clay min, vvf-v fn, rnd-subrnd,  
 dark brwn even oil stain, strn odor, abun fr  
 intergrnlr por, excl flush cut

**CHESTER 5054 (-2109)**

Ls-dns gy-tn, shly in pt or poss intrbbed,  
 abund rextstlzd foss frag





**CHESTER 5054 (-2109)**

Ls-dns gy-tn, shly in pt or poss intrbded, abund rexstized foss frag

Ls-sh intrbd

**LWR CHST SD 5120 (-2175)**

vv fn-v fn clear quartz w/ sptd to even tl-tan-lt brn oil stain, sub-ang, fr sorting, intrbd in pt w/ decr stain and increasing clay min toward base, extremely friable, yel-grn fluoro w/ dec streaming cut, poor to fair w/ tr good intergranular por

WOB 38  
RPM 65  
SPM 56  
PP 1100

**MERAMEC 5168 (-2223)**

Ls silty in prt gry, tan, with few rexstized foss frag, org cht pcs, no vis por, no cut, no show

**STL 'D' MARKER**

Dol, subsucro, tan-org

