

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
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) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top _____ Bottom _____
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

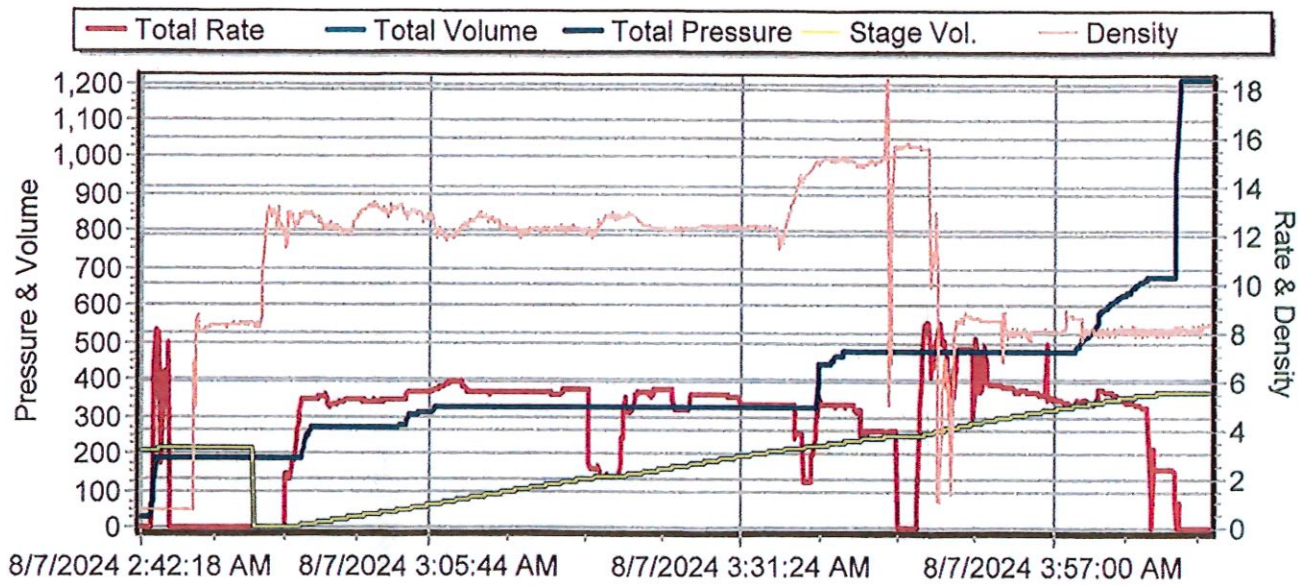
TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	STACY 2-24
Doc ID	1800991

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	22	16		95	Common	9	
Surface	12.25	8.625	24	1738	65/35 poz (Lead), Class A (Tail)	800	2% CC, 1/4# flakes (Lead), 2% CC (Tail)
Production	7.875	5.5	17	5214	65/35 poz (Lead), Class H (Tail)	315	6% gel, 1/4# flakes (Lead), 10% gyp, 10% salt, 5# gilsonite, 0.5% fluid loss, 0.25# defoamed (Tail)
Production	7.875	5.5	17	3197	65/35 poz (Lead), Class H (Tail)	450	6% gel, 1/4# flakes (Lead)

**BEREXCO INC
STACY 2-24
SURFACE 8-7-24**





QUASAR ENERGY SERVICES, INC.

3288 FM 51
Gainesville, Texas 76240
Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2q

8/17/24

CEMENTING JOB LOG

CEMENTING JOB LOG

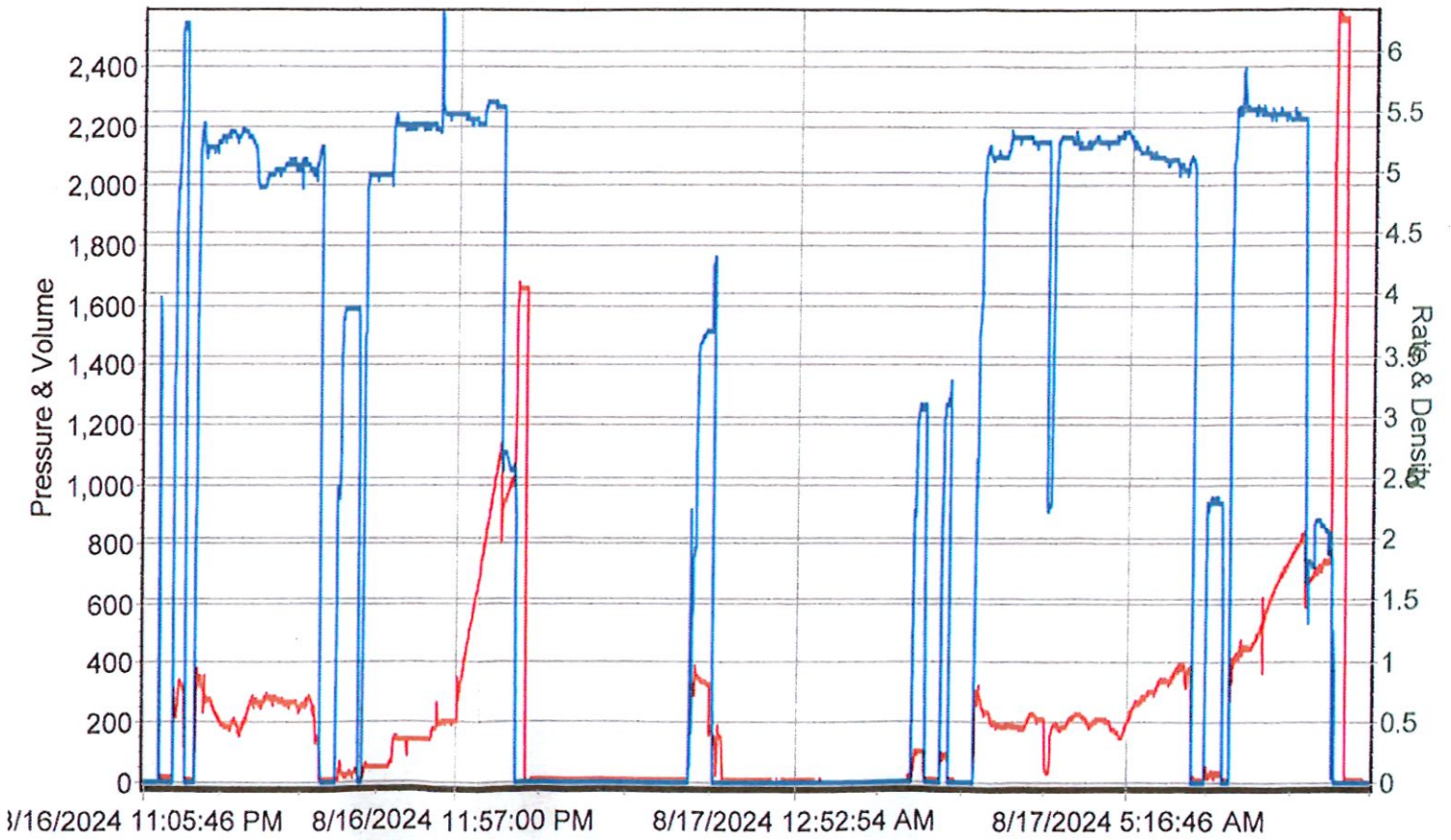
Company: BEREXCO INC		Well Name: STACY 2-24	
Type Job: LONG STRING		AFE #: 0	
CASING DATA			
Size: 5 1/2	Grade: J55	Weight: 17	
Casing Depths	Top: 0	Bottom: 5215.48	
Drill Pipe:	Size: 0	Weight: 0	
Tubing:	Size: 0	Weight: 0	Grade: 0 TD (ft): 5220
Open Hole:	Size: 7 7/8	T.D. (ft): 5220	
Perforations	From (ft): 0	To: 0	Packer Depth(ft): 3196 DV TOOL
CEMENT DATA			
Spacer Type:		MUD FLUSH	
Amt. 10BBL	Skys Yield	ft³/sk	Density (PPG)
LEAD: CLASS A 65/35/6 1/4#POLY			Excess
Amt. 100, 450	Skys Yield 2.18	ft³/sk	Density (PPG) 12.03
TAIL: CLASS H 10%GYP, 10%SALT, .5%C17, 5#KOLSEAL			Excess
Amt. 215	Skys Yield 1.51	ft³/sk	Density (PPG) 14.92
WATER:			
Lead: 12.5	gals/sk: 30, 134	Tail: 6.7	gals/sk: 34 Total (bbls): 198
Pump Trucks Used:	210-DP11		
Bulk Equipment:	227 660-25 189 660-21, 230 660-38		
Disp. Fluid Type: FRESH/MUD	Amt. (Bbls.)	Weight (PPG):	
Mud Type:	Weight (PPG):		

COMPANY REPRESENTATIVE: _____ **CEMENTER:** CHAD HINZ

TIME AM/PM	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
	Casing	Tubing	ANNULUS	TOTAL	RATE	
1600						ON LOC, RUN FE
1900						TRUCKS ON LOC
2146						CASING ON BOTTOM
2304	3000					TEST LINES
2308	310				4	PUMP MUD FLUSH
2314	350			10	5	START LEAD
2321	186			39	5.3	START TAIL
2337				58		SHUT DOWN, DROP PLUG, WASHUP
2341	40				5.5	START DISPLACEMENT
2353	200			46	5.5	START MUD
004	940			110	2.8	SLOW RATE
007	1050-1650			120		PLUG DOWN
009						RELEASE PSI, FLOAT HELD
012						DROP BOMB
036	880-300			10		OPEN TOOL
046						CIRC WITH RIG 4 HRS
0401						PLUG RAT & MOUSE
0452	320				5	START MIXING
0528				174.7		SHUT DOWN, DROP PLUG, WASHUP
0532	410				5.5	START DISPLACEMENT
0544	680			64	2	SLOW RATE
0549	750-2550			74		PLUG DOWN TOOL CLOSED

BEREXCO INC
STACY 2-24 5 1/2 DV LS

— Pressure 1 — Total Rate





Company: Berexco, LLC
Lease: Stacy #2-24

SEC: 24 TWN: 26S RNG: 34W
 County: FINNEY
 State: Kansas
 Drilling Contractor: Duke Drilling Company, Inc - Rig 1
 Elevation: 2922 GL
 Field Name: Barker
 Pool: WILDCAT
 Job Number: 752
 API #: 15-055-22615

Operation:
 Uploading recovery & pressures

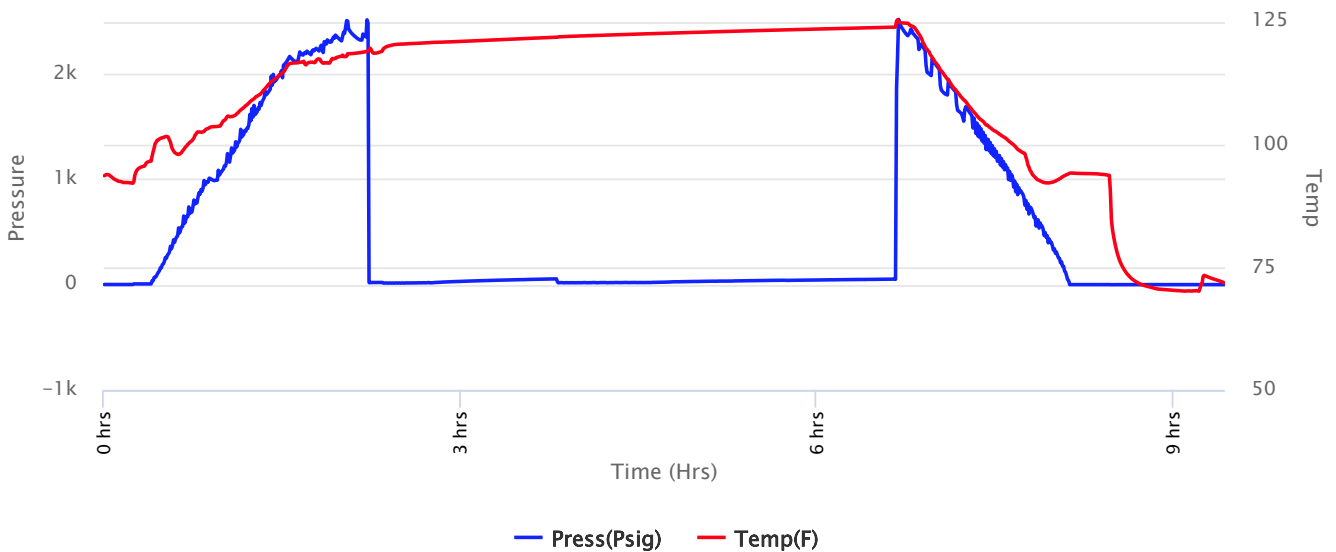
DATE
 August
13
 2024

DST #1 **Formation: Morrow** **Test Interval: 4946 - 5030'** **Total Depth: 5030'**
 Time On: 17:30 08/13 Time Off: 02:42 08/14
 Time On Bottom: 19:42 08/13 Time Off Bottom: 23:57 08/13

Electronic Volume Estimate:
 24'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 30	Minutes: 60	Minutes: 45	Minutes: 120
Current Reading: 1.5" at 30 min	Current Reading: 0" at 60 min	Current Reading: 0" at 45 min	Current Reading: 0" at 120 min
Max Reading: 1.5"	Max Reading: 0"	Max Reading: .25"	Max Reading: 0"

Inside Recorder





Company: Berexco, LLC
Lease: Stacy #2-24

SEC: 24 TWN: 26S RNG: 34W
 County: FINNEY
 State: Kansas
 Drilling Contractor: Duke Drilling Company, Inc - Rig 1
 Elevation: 2922 GL
 Field Name: Barker
 Pool: WILDCAT
 Job Number: 752
 API #: 15-055-22615

Operation:
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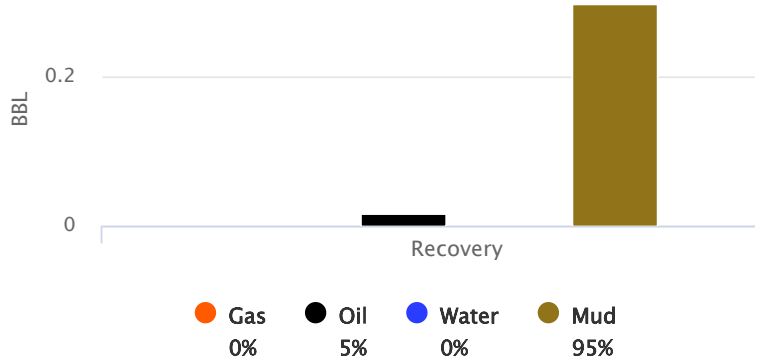
DST #1 **Formation: Morrow** **Test Interval: 4946 - 5030'** **Total Depth: 5030'**
 Time On: 17:30 08/13 Time Off: 02:42 08/14
 Time On Bottom: 19:42 08/13 Time Off Bottom: 23:57 08/13

<u>Recovered</u>		<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
<u>Foot</u>	<u>BBLs</u>					
22	0.31306	SLOCM	0	5	0	95

Total Recovered: 22 ft
 Total Barrels Recovered: 0.31306

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	2352	PSI
Initial Flow	15 to 17	PSI
Initial Closed in Pressure	55	PSI
Final Flow Pressure	17 to 17	PSI
Final Closed in Pressure	52	PSI
Final Hydrostatic Pressure	2364	PSI
Temperature	124	°F
Pressure Change Initial Close / Final Close	4.8	%

GIP cubic foot volume: 0



Company: Berexco, LLC
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State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 1
Elevation: 2922 GL
Field Name: Barker
Pool: WILDCAT
Job Number: 752
API #: 15-055-22615

Operation:
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pressures

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Time On: 17:30 08/13 Time Off: 02:42 08/14
Time On Bottom: 19:42 08/13 Time Off Bottom: 23:57 08/13

BUCKET MEASUREMENT:

1st Open: 1/2" Blow. Built to 1 1/2 inches in 30 minutes
1st Close: NOBB
2nd Open: 1/4 inches Blow. Blow died in 35 minutes
2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 20% Oil 0% Water 80% Mud



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DST #1 Formation: Morrow Test Interval: 4946 - 5030' Total Depth: 5030'
 Time On: 17:30 08/13 Time Off: 02:42 08/14
 Time On Bottom: 19:42 08/13 Time Off Bottom: 23:57 08/13

Down Hole Makeup

Heads Up: 28.86 FT	Packer 1: 4940.4 FT
Drill Pipe: 4941.69 FT <i>ID-3 1/2</i>	Packer 2: 4945.9 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 4929.82 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 5013 FT
Test Tool: 34.07 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 84.1	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 1 FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 62.6 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 18 FT <i>4 1/2-FH</i>	



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Company, Inc - Rig 1
Elevation: 2922 GL
Field Name: Barker
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DST #1 **Formation: Morrow** **Test Interval: 4946 - 5030'** **Total Depth: 5030'**
Time On: 17:30 08/13 Time Off: 02:42 08/14
Time On Bottom: 19:42 08/13 Time Off Bottom: 23:57 08/13

Mud Properties

Mud Type: Chem **Weight:** 9.2 **Viscosity:** 58 **Filtrate:** 8 **Chlorides:** 1200 ppm



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Elevation: 2922 GL
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Operation:
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DATE
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DST #1 Formation: Morrow Test Interval: 4946 - Total Depth: 5030'
5030'
Time On: 17:30 08/13 Time Off: 02:42 08/14
Time On Bottom: 19:42 08/13 Time Off Bottom: 23:57 08/13

Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
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SEC: 24 TWN: 26S RNG: 34W
 County: FINNEY
 State: Kansas
 Drilling Contractor: Duke Drilling Company, Inc - Rig 1
 Elevation: 2924 GL
 Field Name: Barker
 Pool: WILDCAT
 Job Number: 752
 API #: 15-055-22615

Operation:
 Uploading recovery & pressures

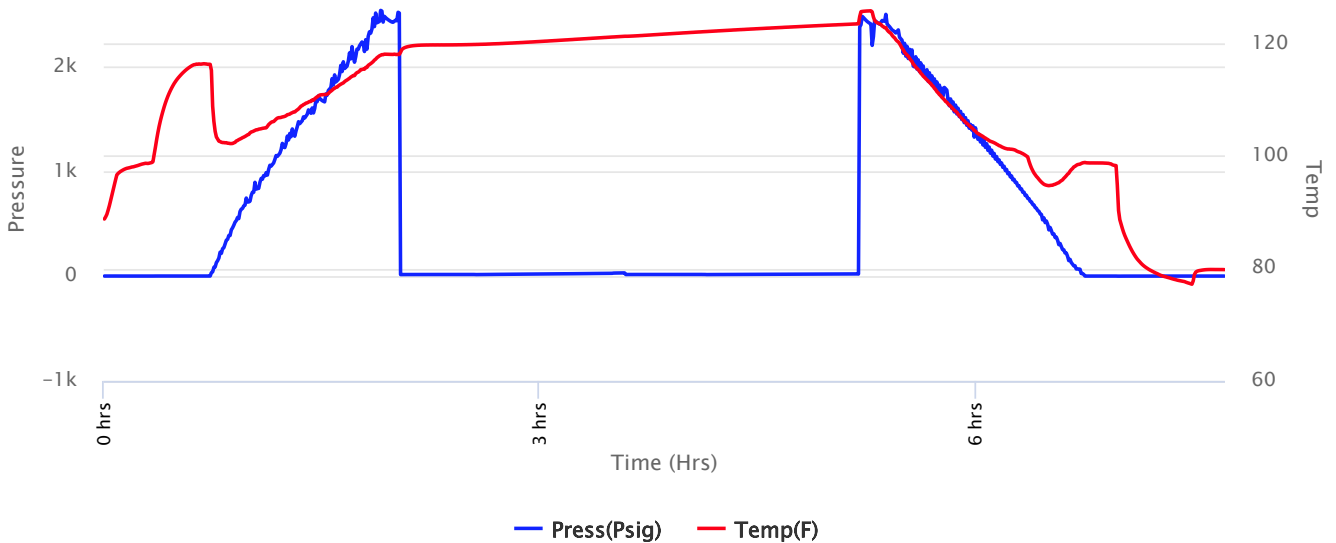
DATE
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DST #2 Formation: St. Louis Test Interval: 5070 - 5103' Total Depth: 5103'
 Time On: 02:55 08/14 Time Off: 22:24 08/14
 Time On Bottom: 16:52 08/14 Time Off Bottom: 19:52 08/14

Electronic Volume Estimate:
 3'

1st Open	1st Close	2nd Open	2nd Close
Minutes: 30	Minutes: 60	Minutes: 30	Minutes: 60
Current Reading: 0" at 30 min	Current Reading: 0" at 60 min	Current Reading: 0" at 30 min	Current Reading: 0" at 60 min
Max Reading: .25"	Max Reading: 0"	Max Reading: 0"	Max Reading: 0"

Inside Recorder





Company: Berexco, LLC
Lease: Stacy #2-24

SEC: 24 TWN: 26S RNG: 34W
 County: FINNEY
 State: Kansas
 Drilling Contractor: Duke Drilling Company, Inc - Rig 1
 Elevation: 2924 GL
 Field Name: Barker
 Pool: WILDCAT
 Job Number: 752
 API #: 15-055-22615

Operation:
 Uploading recovery & pressures

DATE
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DST #2 Formation: St. Louis Test Interval: 5070 - 5103' Total Depth: 5103'

Time On: 02:55 08/14 Time Off: 22:24 08/14
 Time On Bottom: 16:52 08/14 Time Off Bottom: 19:52 08/14

Recovered

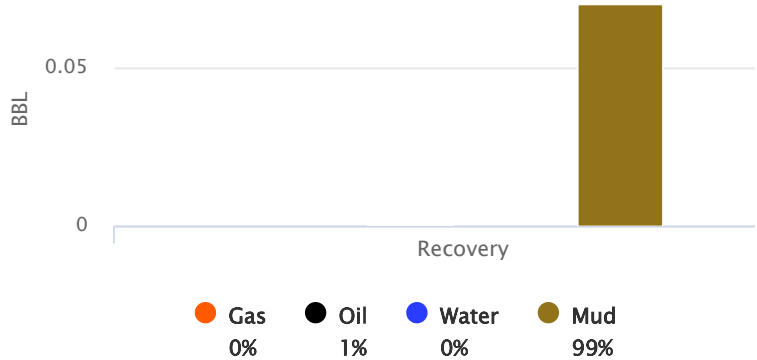
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
5	0.07115	SLOCM	0	1	0	99

Total Recovered: 5 ft
 Total Barrels Recovered: 0.07115

Reversed Out
 NO

Initial Hydrostatic Pressure	2436	PSI
Initial Flow	15 to 16	PSI
Initial Closed in Pressure	31	PSI
Final Flow Pressure	15 to 16	PSI
Final Closed in Pressure	21	PSI
Final Hydrostatic Pressure	2430	PSI
Temperature	124	°F
Pressure Change Initial Close / Final Close	31.7	%

Recovery at a glance



GIP cubic foot volume: 0



Company: Berexco, LLC
Lease: Stacy #2-24

SEC: 24 TWN: 26S RNG: 34W
County: FINNEY
State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 1
Elevation: 2924 GL
Field Name: Barker
Pool: WILDCAT
Job Number: 752
API #: 15-055-22615

Operation:
Uploading recovery &
pressures

DATE
August
14
2024

DST #2 Formation: St. Louis Test Interval: 5070 - Total Depth: 5103'
5103'
Time On: 02:55 08/14 Time Off: 22:24 08/14
Time On Bottom: 16:52 08/14 Time Off Bottom: 19:52 08/14

BUCKET MEASUREMENT:

1st Open: 1/4" Blow. Blow died in 30 minutes
1st Close: NOBB
2nd Open: No Blow
2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 2% Oil 0% Water 98% Mud



Company: Berexco, LLC
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 Drilling Contractor: Duke Drilling
 Company, Inc - Rig 1
 Elevation: 2924 GL
 Field Name: Barker
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DST #2 Formation: St. Louis Test Interval: 5070 - 5103' Total Depth: 5103'
 Time On: 02:55 08/14 Time Off: 22:24 08/14
 Time On Bottom: 16:52 08/14 Time Off Bottom: 19:52 08/14

Down Hole Makeup

Heads Up: 30.84 FT	Packer 1: 5065 FT
Drill Pipe: 5068.27 FT <i>ID-3 1/2</i>	Packer 2: 5070 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 5054.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 5072 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 33	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 32 FT <i>4 1/2-FH</i>	



Company: Berexco, LLC
Lease: Stacy #2-24

SEC: 24 TWN: 26S RNG: 34W
County: FINNEY
State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 1
Elevation: 2924 GL
Field Name: Barker
Pool: WILDCAT
Job Number: 752
API #: 15-055-22615

Operation:
Uploading recovery &
pressures

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14
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DST #2 Formation: St. Louis Test Interval: 5070 - Total Depth: 5103'
5103'

Time On: 02:55 08/14 Time Off: 22:24 08/14
Time On Bottom: 16:52 08/14 Time Off Bottom: 19:52 08/14

Mud Properties

Mud Type: Chem **Weight:** 9.2 **Viscosity:** 58 **Filtrate:** 8.8 **Chlorides:** 2600 ppm



Company: Berexco, LLC
Lease: Stacy #2-24

SEC: 24 TWN: 26S RNG: 34W
 County: FINNEY
 State: Kansas
 Drilling Contractor: Duke Drilling Company, Inc - Rig 1
 Elevation: 2924 GL
 Field Name: Barker
 Pool: WILDCAT
 Job Number: 752
 API #: 15-055-22615

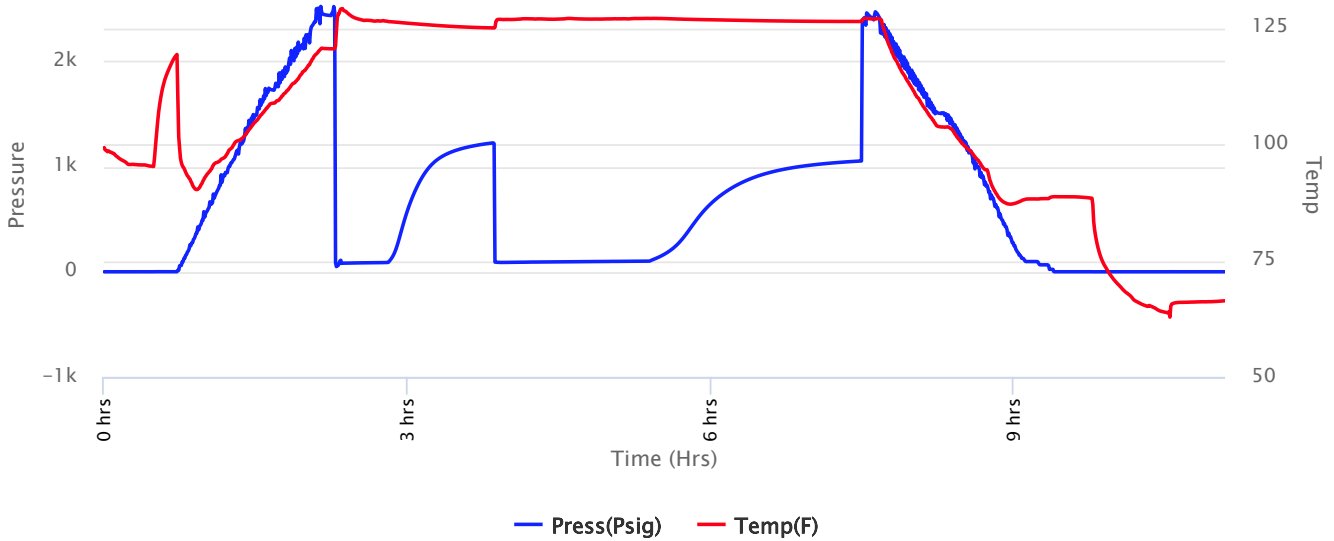
Operation:
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DATE
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15
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DST #3 **Formation: Chester** **Test Interval: 5108 - 5140'** **Total Depth: 5190'**
 Time On: 17:54 08/15 Time Off: 04:40 08/16
 Time On Bottom: 20:07 08/15 Time Off Bottom: 01:07 08/16

Electronic Volume Estimate:	1st Open Minutes: 30	1st Close Minutes: 60	2nd Open Minutes: 90	2nd Close Minutes: 120
410'	Current Reading: 8.9" at 30 min	Current Reading: 0" at 60 min	Current Reading: 19" at 90 min	Current Reading: 0" at 120 min
	Max Reading: 9.2"	Max Reading: 0"	Max Reading: 19"	Max Reading: 1.8"

Inside Recorder





Company: Berexco, LLC
Lease: Stacy #2-24

SEC: 24 TWN: 26S RNG: 34W
 County: FINNEY
 State: Kansas
 Drilling Contractor: Duke Drilling Company, Inc - Rig 1
 Elevation: 2924 GL
 Field Name: Barker
 Pool: WILDCAT
 Job Number: 752
 API #: 15-055-22615

Operation:
 Uploading recovery & pressures

DATE
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15
 2024

DST #3 **Formation: Chester** **Test Interval: 5108 - 5140'** **Total Depth: 5190'**
 Time On: 17:54 08/15 Time Off: 04:40 08/16
 Time On Bottom: 20:07 08/15 Time Off Bottom: 01:07 08/16

Recovered

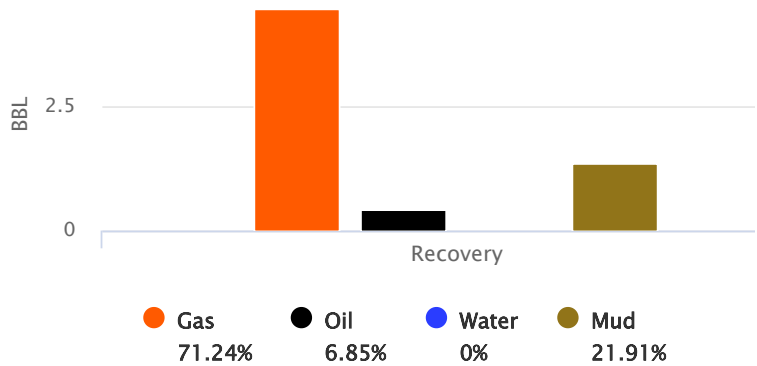
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
304	4.32592	G	100	0	0	0
10	0.1423	O	0	100	0	0
63	0.89649	SLGCOCM	5	20	0	75
63	0.89649	SLGCSLOCM	10	12	0	78

Total Recovered: 440 ft
 Total Barrels Recovered: 6.2612

Reversed Out
 NO

Initial Hydrostatic Pressure	2437	PSI
Initial Flow	50 to 88	PSI
Initial Closed in Pressure	1226	PSI
Final Flow Pressure	89 to 102	PSI
Final Closed in Pressure	1054	PSI
Final Hydrostatic Pressure	2435	PSI
Temperature	128	°F
Pressure Change Initial Close / Final Close	14.0	%

Recovery at a glance



GIP cubic foot volume: 25.04288



Company: Berexco, LLC
Lease: Stacy #2-24

SEC: 24 TWN: 26S RNG: 34W
 County: FINNEY
 State: Kansas
 Drilling Contractor: Duke Drilling Company, Inc - Rig 1
 Elevation: 2924 GL
 Field Name: Barker
 Pool: WILDCAT
 Job Number: 752
 API #: 15-055-22615

Operation:
 Uploading recovery & pressures

DATE
 August
15
 2024

DST #3 **Formation: Chester** **Test Interval: 5108 - 5140'** **Total Depth: 5190'**
 Time On: 17:54 08/15 Time Off: 04:40 08/16
 Time On Bottom: 20:07 08/15 Time Off Bottom: 01:07 08/16

BUCKET MEASUREMENT:

1st Open: 2" Blow. Built to 9 1/4 inches in 30 minutes
 1st Close: NOBB
 2nd Open: WSB. BOB in 58 minutes
 2nd Close: 1 3/4 inch Blow Back

REMARKS:

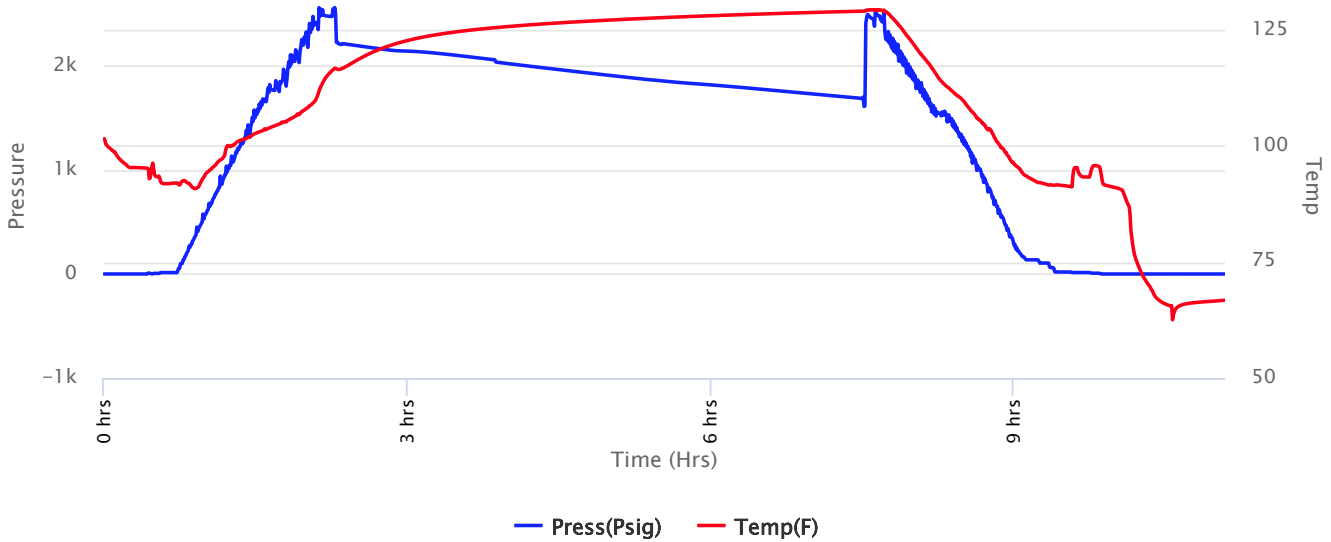
Took in about 12 feet of mud before packers seated.

Straddle Packer Held.

Tool Sample: 0% Gas 25% Oil 0% Water 75% Mud

Gravity: 21.4 @ 60 °F

Below Straddle Recorder





Company: Berexco, LLC
Lease: Stacy #2-24

SEC: 24 TWN: 26S RNG: 34W
 County: FINNEY
 State: Kansas
 Drilling Contractor: Duke Drilling
 Company, Inc - Rig 1
 Elevation: 2924 GL
 Field Name: Barker
 Pool: WILDCAT
 Job Number: 752
 API #: 15-055-22615

Operation:
 Uploading recovery &
 pressures

DATE
 August
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 2024

DST #3 Formation: Chester Test Interval: 5108 - 5140' Total Depth: 5190'
 Time On: 17:54 08/15 Time Off: 04:40 08/16
 Time On Bottom: 20:07 08/15 Time Off Bottom: 01:07 08/16

Down Hole Makeup

Heads Up: 23.72 FT	Packer 1: 5103 FT
Drill Pipe: 5099.15 FT <i>ID-3 1/2</i>	Packer 2: 5108 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Packer 3: 5140 FT
Collars: FT <i>ID-2 1/4</i>	Top Recorder: 5092.42 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Bottom Recorder: 5141 FT
Total Anchor: 32	Below Straddle Recorder: 5175 FT
	Well Bore Size: 7 7/8
	Surface Choke: 1"
	Bottom Choke: 5/8"

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 31 FT
4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT
ID-3 1/2

Change Over: FT

Perforations: (below): FT
4 1/2-FH

STRADDLE

Straddle Packer(s): FT

Change Over: 1 FT

Drill Pipe: 31.57 FT
ID-3 1/2"

Change Over: .5 FT

Perforations (in tail pipe): 16 FT
4 1/2-FH



Company: Berexco, LLC
Lease: Stacy #2-24

SEC: 24 TWN: 26S RNG: 34W
County: FINNEY
State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 1
Elevation: 2924 GL
Field Name: Barker
Pool: WILDCAT
Job Number: 752
API #: 15-055-22615

Operation:
Uploading recovery &
pressures

DATE
August
15
2024

DST #3 **Formation: Chester** **Test Interval: 5108 - 5140'** **Total Depth: 5190'**
Time On: 17:54 08/15 Time Off: 04:40 08/16
Time On Bottom: 20:07 08/15 Time Off Bottom: 01:07 08/16

Mud Properties

Mud Type: Chem **Weight:** 9.2 **Viscosity:** 51 **Filtrate:** 8.4 **Chlorides:** 800 ppm

SUNBURST CONSULTING

A G E O L O G Y S E R V I C E

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

Well Name: Stacey #2-24
Well Id: 15-055-22615
Location: E2 NE NE NW Sec. 24, T26S-R34W Finney County, Kansas
License Number: 34318
Spud Date: 5 AUG 24
Surface Coordinates: 330' FNL & 2380' FWL
LAT 37.779430 LONG 100.990001
Bottom Hole Coordinates:
Ground Elevation (ft): 2924' K.B. Elevation (ft): 2937'
Logged Interval (ft): 3800' To: 5220' Total Depth (ft): 5220'
Formation: SHAWNEE thru ST. LOUIS
Type of Drilling Fluid: Freshwater Chemical
Region: Hugoton Embayment
Drilling Completed: 16 AUG 24

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

OPERATOR

Company: BEREXCO, LLC
Address: 2020 North Bramblewood Drive
Wichita, Kansas 67206 1094

GEOLOGIST

Name: Peter Vollmer WPG #3369
Company: Sunburst Consulting, Inc.
Address: 1645 Avenue D Suite E
Billings, Montana 59102
406-259-4124

SURVEYS

DSTs

Comments

ROCK TYPES

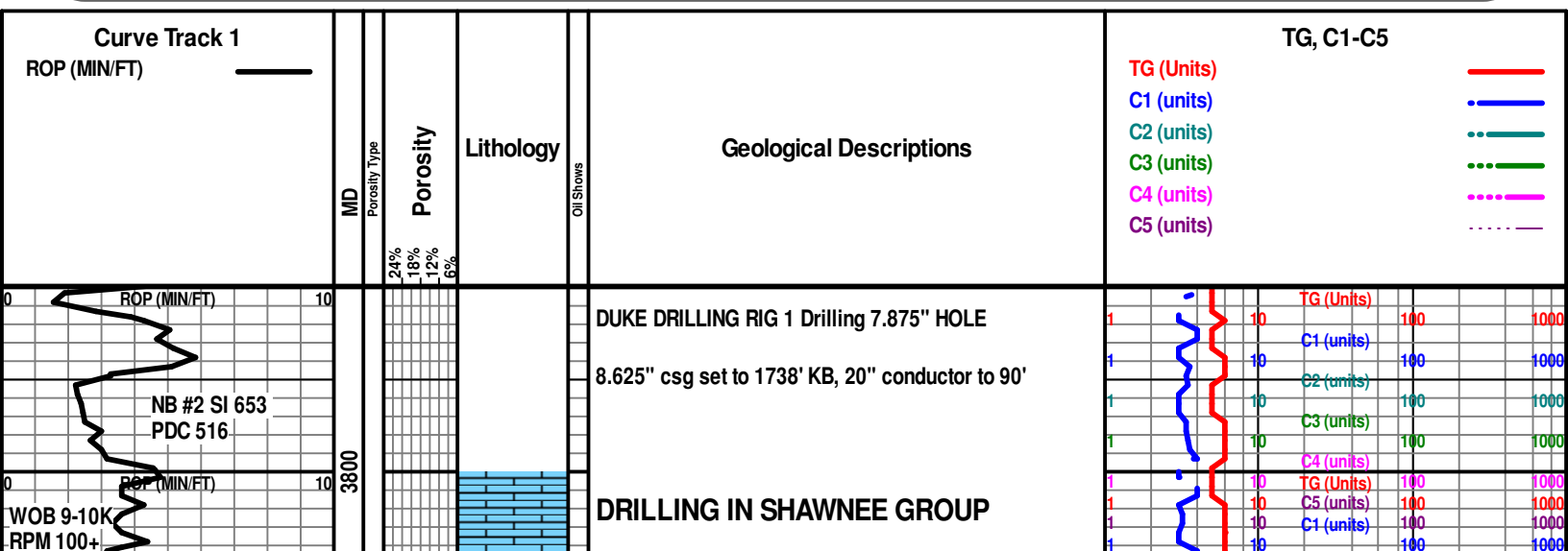
	Anhy		Dol		Sh red-brown		Shcol
	Bent		Gyp		Sh green		Shgy
	Brec		Igne		Sh gray-red		Sltst
	Cht		Lmst		Sh dk-gray		Ss
	Clyst		Meta		Sh gray		Till
	Coal		Mrst		Sh blk-brn		Sltst gy
	Congl		Salt		Shale		Sh org

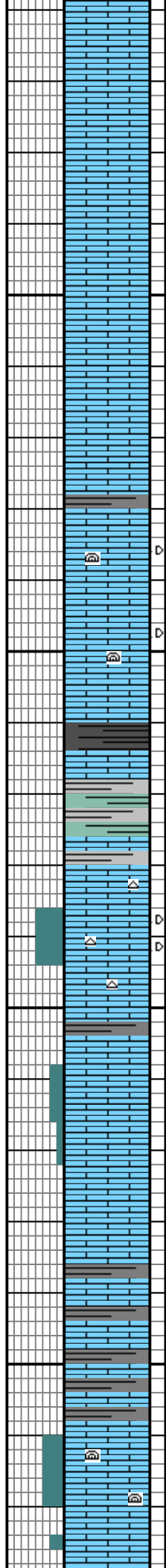
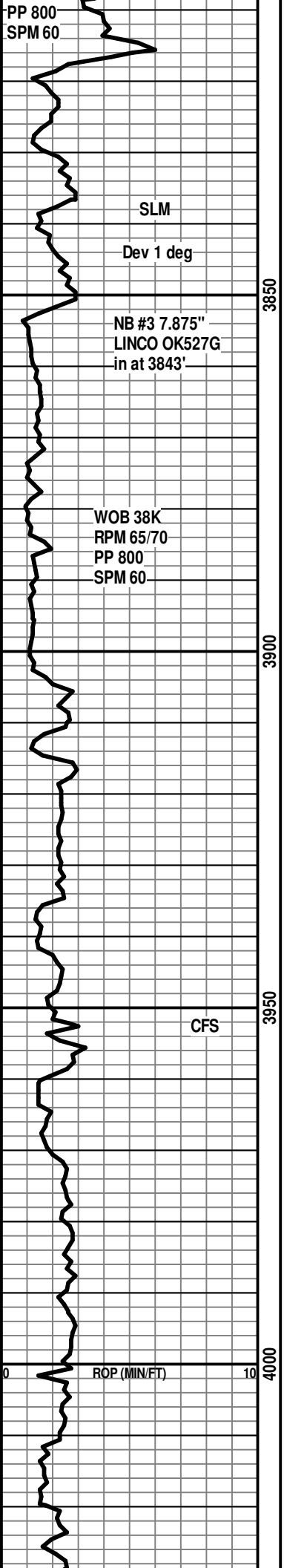
ACCESSORIES

MINERAL			Minxl		Crin		Dol
	Anhy		Nodule		Echin		Gyp
	Arggrn		Phos		Fish		Ls
	Arg		Pyr		Foram		Mrst
	Bent		Salt		Fossil		Sltstrg
	Bit		Sandy		Gastro		Ssstrg
	Brecfrag		Silt		Oolite	TEXTURE	
	Calc		Sil		Ostra		Boundst
	Carb		Sulphur		Pelec		Chalky
	Chtdk	FOSSIL			Pellet		Cryxln
	Chtlt		Algae		Pisolite		Earthy
	Dol		Amph		Plant		Finexln
	Feldspar		Belm		Strom		Grainst
	Ferrpel		Bioclst	STRINGER			Lithogr
	Ferr		Brach		Lsstrg		Microxln
	Glau		Bryozoa		Anhy		Mudst
	Gyp		Cephal		Arg		Packst
	Hvymin		Coral		Bent		Wackst
	Kaol				Coal		
	Marl						

OTHER SYMBOLS

POROSITY			Sltst gy	ROUNDING			Dead
	Earthy		Sh org		Rounded	INTERVAL	
	Fenest		Lsstrg		Subrnd		Dst
	Fracture	SORTING			Subang		
	Inter		Well		Angular		
	Moldic		Moderate	OIL SHOW		EVENT	
	Organic		Poor		Even		Rft
	Pinpoint				Spotted		Sidewall
	Vuggy				Ques		
	Sh org						





LS: lt gy - gy, hd, crpxln - vf xln, occ pel, occ v fos, tr
intxln por, mnrl flor, no shows

LS: lt gy - v lt gysh brn - lt tan, hd, crpxln, tr thn lt gy
SH, sl Sdy, tt, dull yel mnrl flor, no cut

LS: wh - lt tan, hd, crpxln - vf xln, occ fos frag (Fus), v tt,
no flor, no cut

LS: lt gysh brn - v lt tan, hd - frm, crpxln - micxln, fos
(Fus, Gast, Brac), occ gy pel, tt, yel mnrl flor, no show

LS: lt tan, hd, crpxln - micxln, fos frag (Fus), Algal mat,
scat blk dd oil specks, v tt, occ yel flor, tr slow strmg
yel cut.

BASE HEEBNER SHALE 3915' (-978')
Logs 3918' (-981')

SH: blk, hd - brit, blk, sl carb

LS: lt gy - lt tan - wh - lt grnsh gy, hd, crpxln, pyr, dull
yel mnrl flor, no cut

SH: bluish gy - grayish green, sft - frm, sb blk - plty, n
calc, sbwxy, abnt dism pyr

**TORONTO 3934' (- 997') Logs 3930'
(-993')**

LS: lt tan - lt gy, hd, vf xln - crpxln, occ Cht, blk hvy
asph oil stn, occ fr xln por, scat bri yelwh flor, occ slow
streamg yelwh cut from hvy dd oil, cut from tt rocks
only

SH: dk gy, frm, blk, non calc

**LANSING 3955' (-1015') Logs 3960'
(-1023')**

LS: lt tan - v lt gy - v lt brn, hd, micxln - vf xln, occ sl
bioclastic, occ packst, fos frag (Fus), vf intxln por, yel
flor, no cuts

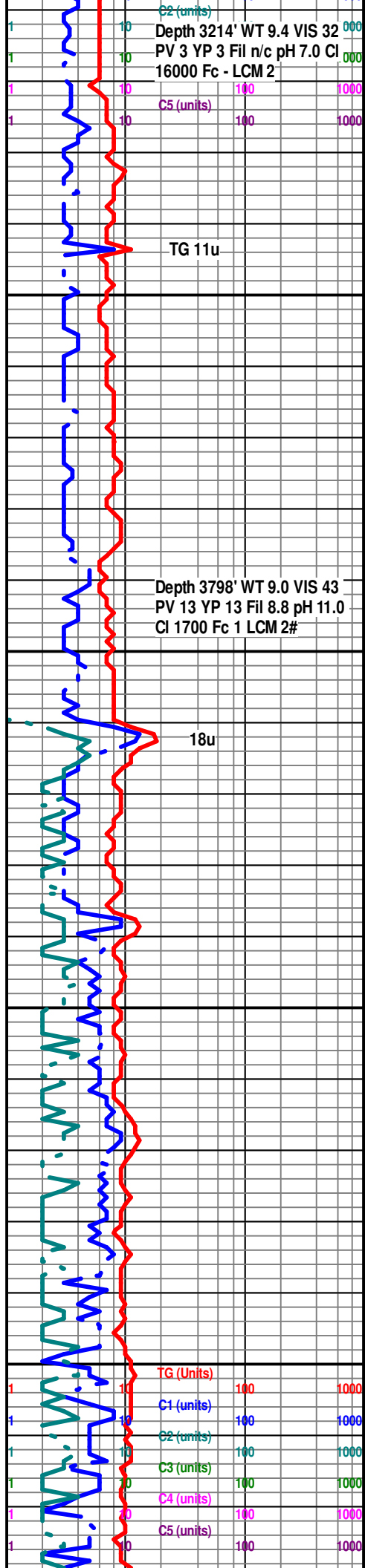
LS: wh- lt tan, hd, crpxln - micxln, occ sl chlky, occ
calc frac fill, occ intbdd gy sh, tt, no show

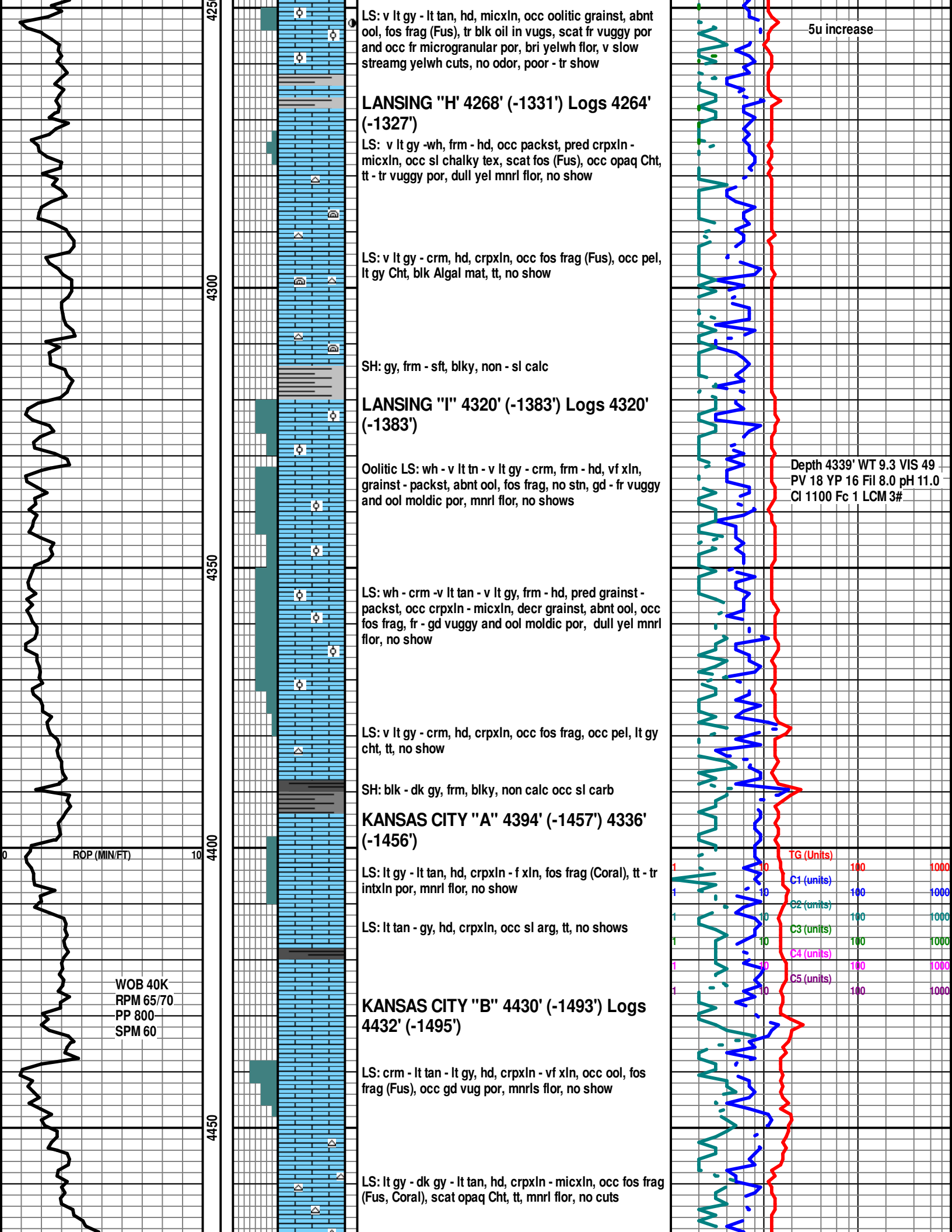
SH: dk gy, frm, blk, sl calc, intbdd LS: lt gy - gy, hd -
frm, crpxln sl arg, tt, no show

**LANSING "B" 4009' (-1072') Logs 4010'
(-1073')**

LS: lt tan, frm, vf xln, fos frag, occ blk Algal mat, fr
intxln por, yel flor, no cuts

LS: lt tan - v lt gy, frm, vf xln, occ bioclastic, abnt fos





LS: v lt gy - lt tan, hd, micxln, occ oolitic grainst, abnt ool, fos frag (Fus), tr blk oil in vugs, scat fr vuggy por and occ fr microgranular por, bri yelwh flor, v slow streamg yelwh cuts, no odor, poor - tr show

LANSING "H" 4268' (-1331') Logs 4264' (-1327')

LS: v lt gy -wh, frm - hd, occ packst, pred crpxln - micxln, occ sl chalky tex, scat fos (Fus), occ opaqt Cht, tt - tr vuggy por, dull yel mnrl flor, no show

LS: v lt gy - crm, hd, crpxln, occ fos frag (Fus), occ pel, lt gy Cht, blk Algal mat, tt, no show

SH: gy, frm - sft, blk, non - sl calc

LANSING "I" 4320' (-1383') Logs 4320' (-1383')

Oolitic LS: wh - v lt tn - v lt gy - crm, frm - hd, vf xln, grainst - packst, abnt ool, fos frag, no stn, gd - fr vuggy and ool moldic por, mnrl flor, no shows

LS: wh - crm -v lt tan - v lt gy, frm - hd, pred grainst - packst, occ crpxln - micxln, decr grainst, abnt ool, occ fos frag, fr - gd vuggy and ool moldic por, dull yel mnrl flor, no show

LS: v lt gy - crm, hd, crpxln, occ fos frag, occ pel, lt gy cht, tt, no show

SH: blk - dk gy, frm, blk, non calc occ sl carb

KANSAS CITY "A" 4394' (-1457') 4336' (-1456')

LS: lt gy - lt tan, hd, crpxln - f xln, fos frag (Coral), tt - tr intxln por, mnrl flor, no show

LS: lt tan - gy, hd, crpxln, occ sl arg, tt, no shows

KANSAS CITY "B" 4430' (-1493') Logs 4432' (-1495')

LS: crm - lt tan - lt gy, hd, crpxln - vf xln, occ ool, fos frag (Fus), occ gd vug por, mnrls flor, no show

LS: lt gy - dk gy - lt tan, hd, crpxln - micxln, occ fos frag (Fus, Coral), scat opaqt Cht, tt, mnrl flor, no cuts

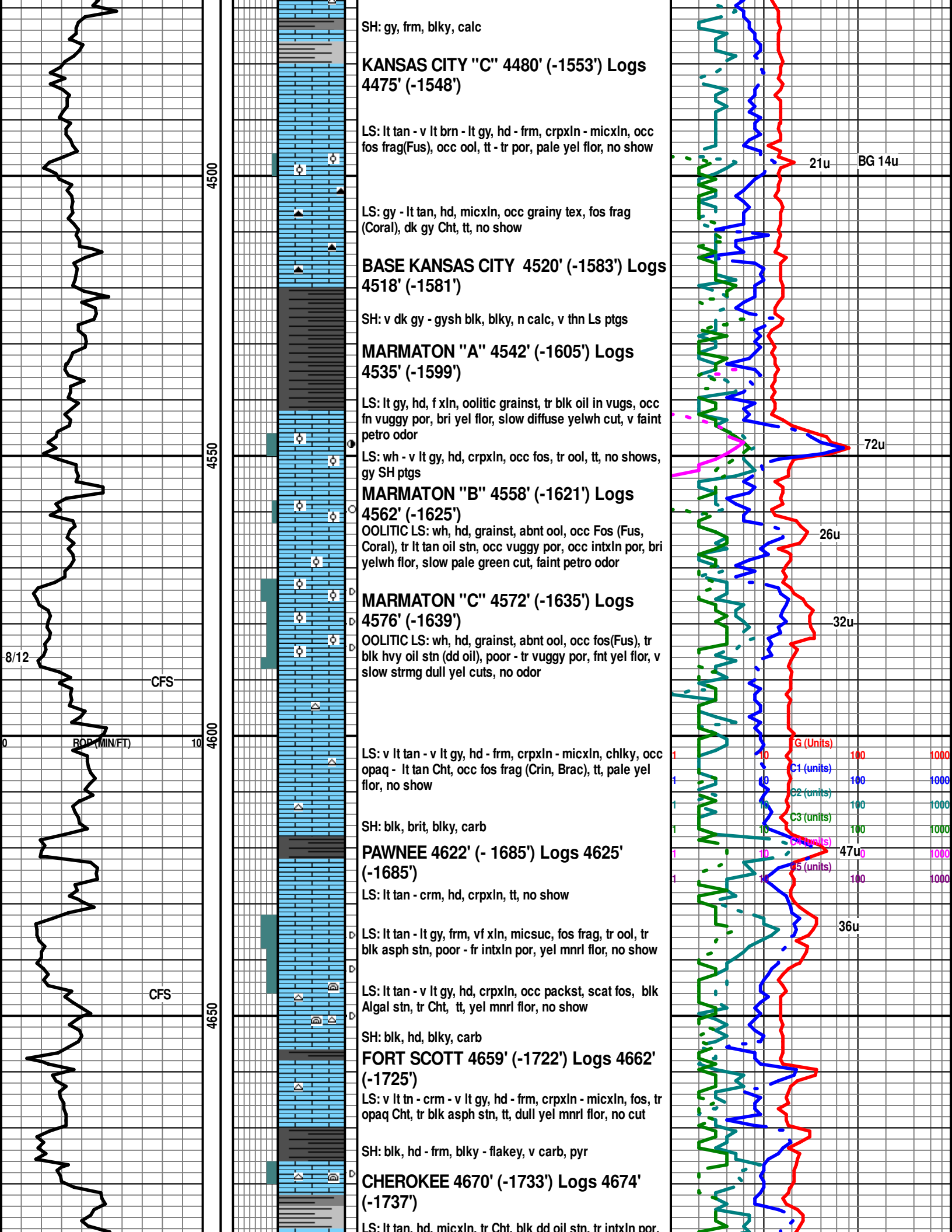
5u increase

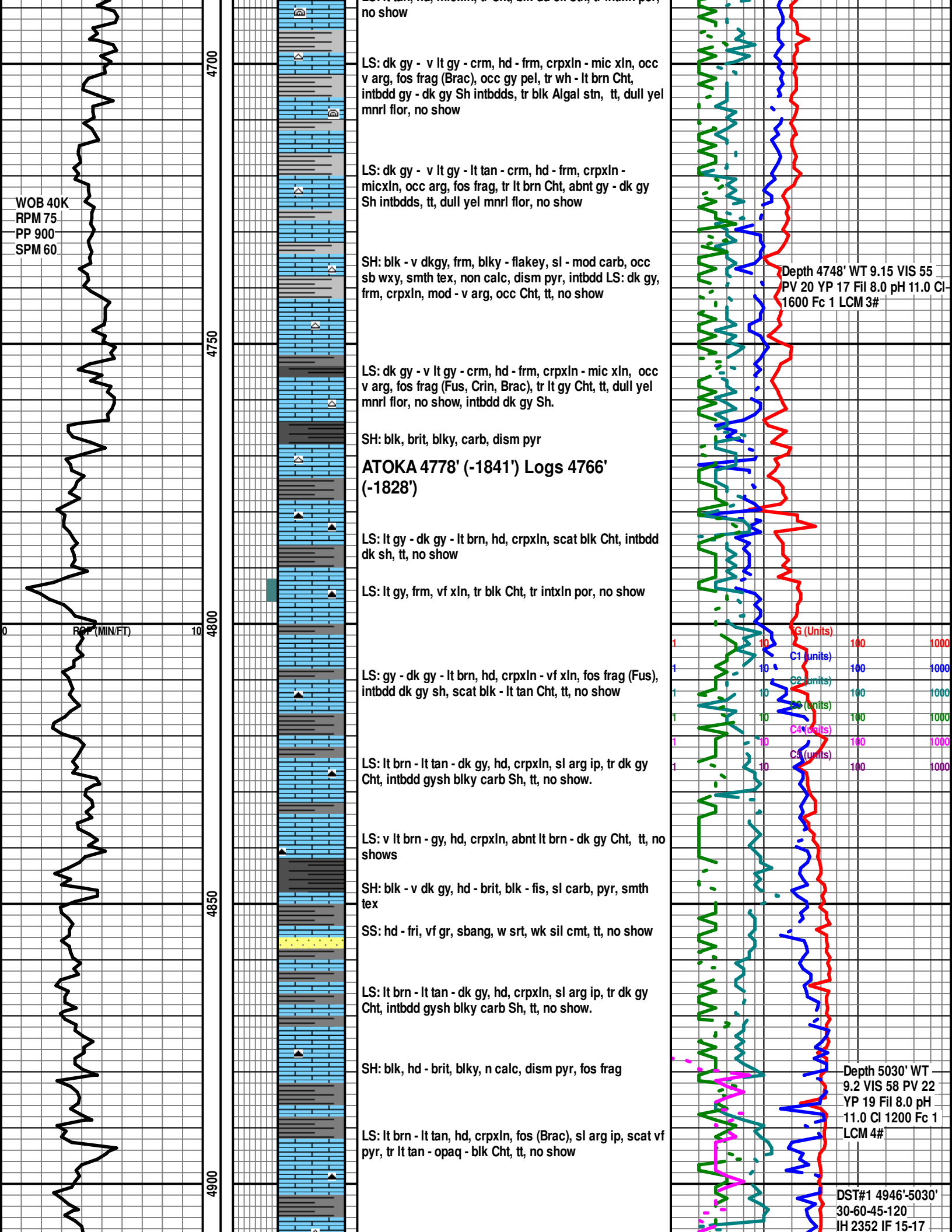
Depth 4339' WT 9.3 VIS 49
PV 18 YP 16 Fil 8.0 pH 11.0
CI 1100 Fc 1 LCM 3#

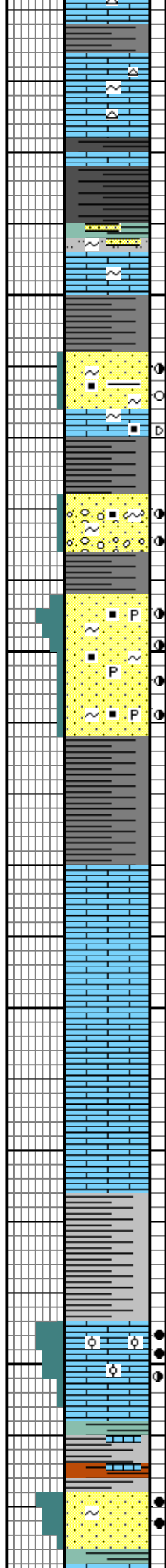
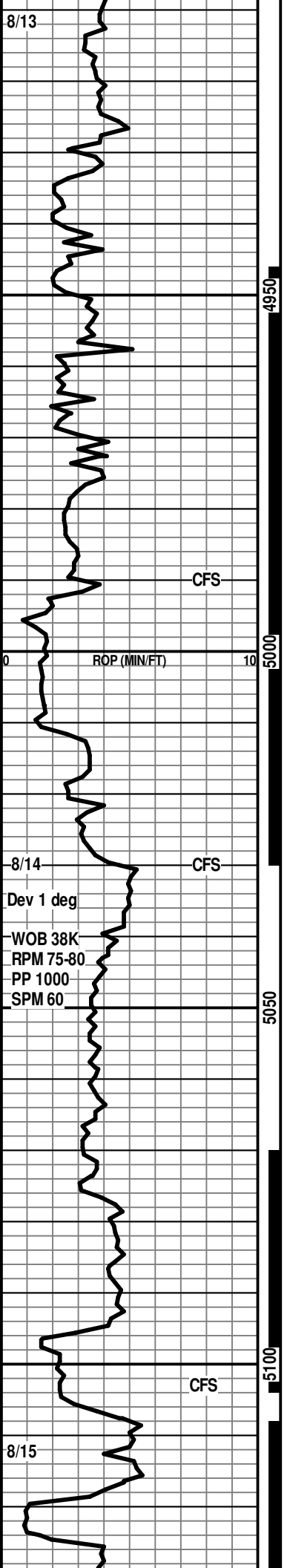
ROP (MIN/FT)

WOB 40K
RPM 65/70
PP 800
SPM 60

TG (Units) 100 1000
C1 (units) 100 1000
C2 (units) 100 1000
C3 (units) 100 1000
C4 (units) 100 1000
C5 (units) 100 1000







LS: gy - dk gy, hd, crpxln, sl arg ip, scat lt tan - lt brn
Cht, pyr, intbdd dk gy - blk Sh, tt, no shows

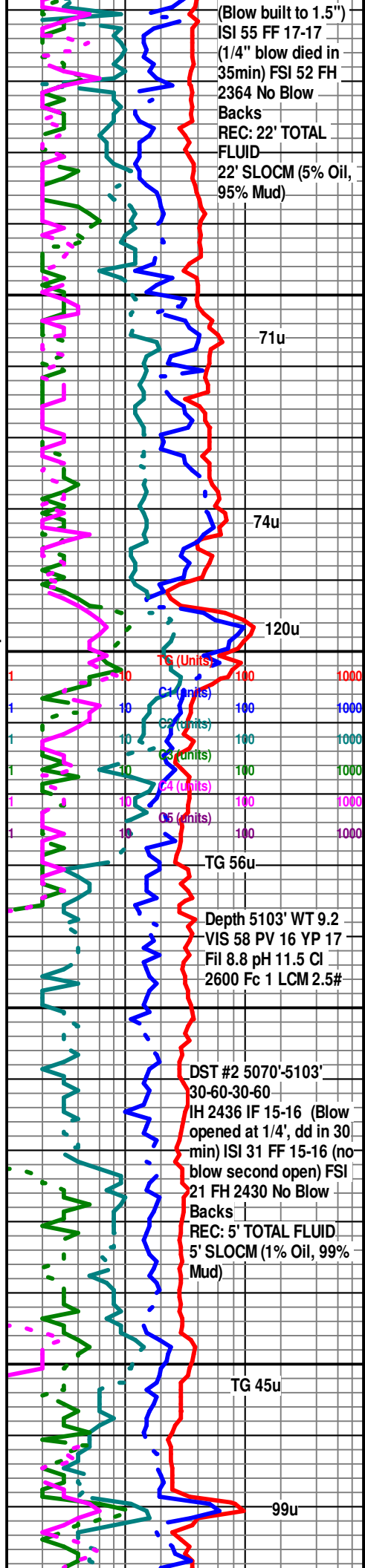
MORROW 4928' (-1991') Logs 4936' (-1999')
SH: blk, hd, blk y - ang, sil, green Chlor specks, sl carb,

SLTY SS: lt gy - grnsh gy, v fri, vf gr grd to silt, sbrnd, w srt, lt green clay fill, Glau, intbdd lt green wxy SH, tt, no shows
SH: dk gy, frm, blk y, non calc

MORROW SAND 4958' (-2021') Logs 4966' (-2029')
SS: wh - v lt gy, hd - fri, vf - f gr, sbrnd - sbang, mod srt, gd sil cmt, Glau, spty blk hvy oil mat, occ tr por, pred tt, tr bri yel flor, slow diffuse pale yel cuts
LS: dk gy, hd, f xln, Glau, tr blk asph mat, tt, no show
SH: dk gy - gy, occ grnsh gy, frm, blk y, non calc
SS/CONGL: v lt gy - wh, hd - fri, vf - f gr, occ crs grs, sbang - sbrnd, pr - fr srt, calc cmt, tr Glau, blk carb mat, ptchy hvy blk oil stn, tt - tr por, dull yel flor, slow strmg yel cuts, no odor

LOWER MORROW SAND 4992' (-2055') Logs 4966' (-2029')
SS: v lt gy - wh - gy, hd - fri, vf - f gr, sbang - sbrnd, w - fr srt, calc cmt, occ Glau, pyr, blk carb mat, spty hvy blk oil stn, tt - poor por, dull gold flor, mod pale yel diffuse cuts, with slow strmg bri yel cuts, no odor, abnt dk gy Sh cvgs
SH: dk gy, occ grnsh gy, frm, blk y - fis, sb wxy, glau, pyr

CHESTER 5030' (-2093') Logs 5034' (-2097')
LS: lt gy - gy, hd, crpxln, tt, no show
LS: lt gy - gy, hd, crpxln, smth tex, v tt, no show
SH: lt gy, frm, pty - sb fis, n - sl calc, sbwxy
LS: lt tan - crm, frm, vf xln, grainst, abnt ool, scat blk - dk brn oil in por, fr vuggy and intxln por, bri yelwh flor, instant flash cut, fast strmg yelwh cuts, no odor
SH: lt gy - grnsh gy - rdsh brn, occ mot, frm, blk y, occ slty, with intbdd LS: lt gy - lt brn, hd, crpxln, tt, no show poor smpls abnt cvgs
SS: pred lt gy, occ green - redshbrn - orng, sbang, w srt, Cht frag, even blk oil stn and sat, tr por, bri yelwh flor, instant blooming yelwh flush cut, with mod strmg yelwh cuts, fnt petro odor



(Blow built to 1.5")
ISI 55 FF 17-17
(1/4" blow died in 35min) FSI 52 FH 2364 No Blow Backs
REC: 22' TOTAL FLUID
22' SLOCM (5% Oil, 95% Mud)

71u

74u

120u

TG 56u

DST #2 5070'-5103'
30-60-30-60
IH 2436 IF 15-16 (Blow opened at 1/4", dd in 30 min) ISI 31 FF 15-16 (no blow second open) FSI 21 FH 2430 No Blow Backs
REC: 5' TOTAL FLUID
5' SLOCM (1% Oil, 99% Mud)

TG 45u

99u

ROP (MIN/FT)

CFS

CFS

CFS

Dev 1 deg
WOB 38K
RPM 75-80
PP 1000
SPM 60

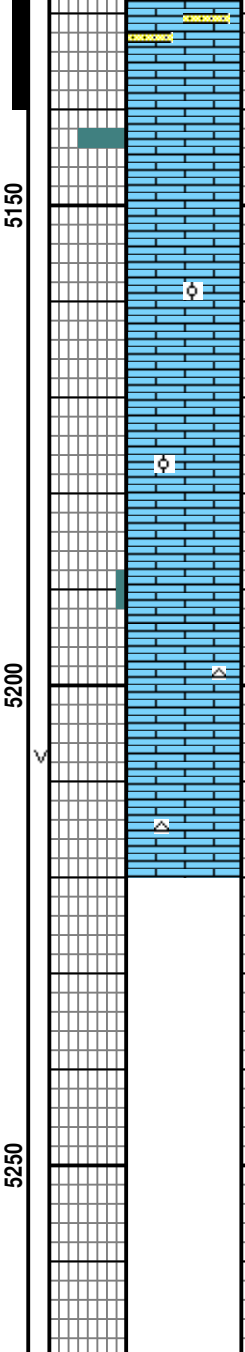
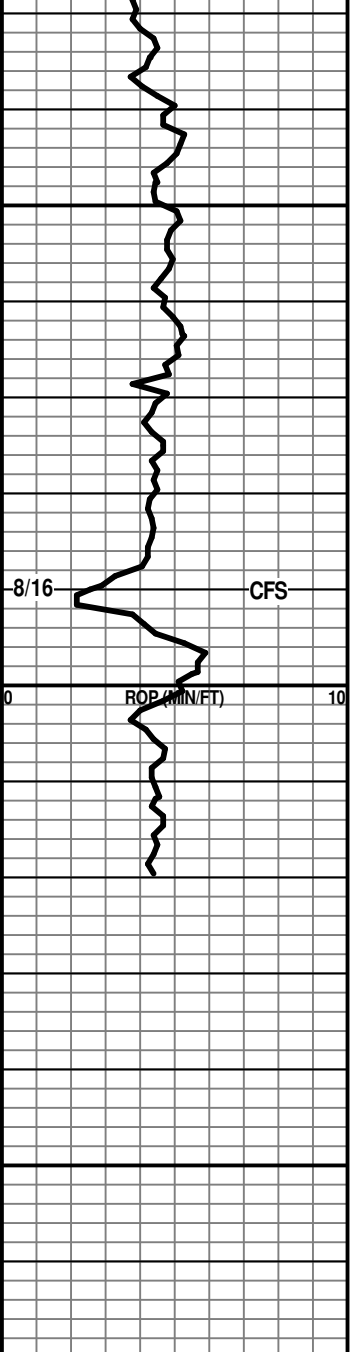
4950

5000

5050

5100

TS (Units) 100 1000
C1 (units) 100 1000
C2 (units) 100 1000
C3 (units) 100 1000
C4 (units) 100 1000
C5 (units) 100 1000



SH & LS: lt gy - lt green, frm, blk, intbdd gy LS, abnt cvgs
 SS: lt gy, fri, vf gr, sbang, w srt, calc cmt, blk oil str tr por, bri yelwh flor, good cut, poss cvgs

ST LOUIS 5125' (-2188') Logs 5128' (-2191')

LS wh - crm - v lt gy, hd, crpxln, occ sl chlky, tr ool, tt, no shows

LS: v lt gy - crm - wh, hd, crpxln, sl chlky, tt, no show

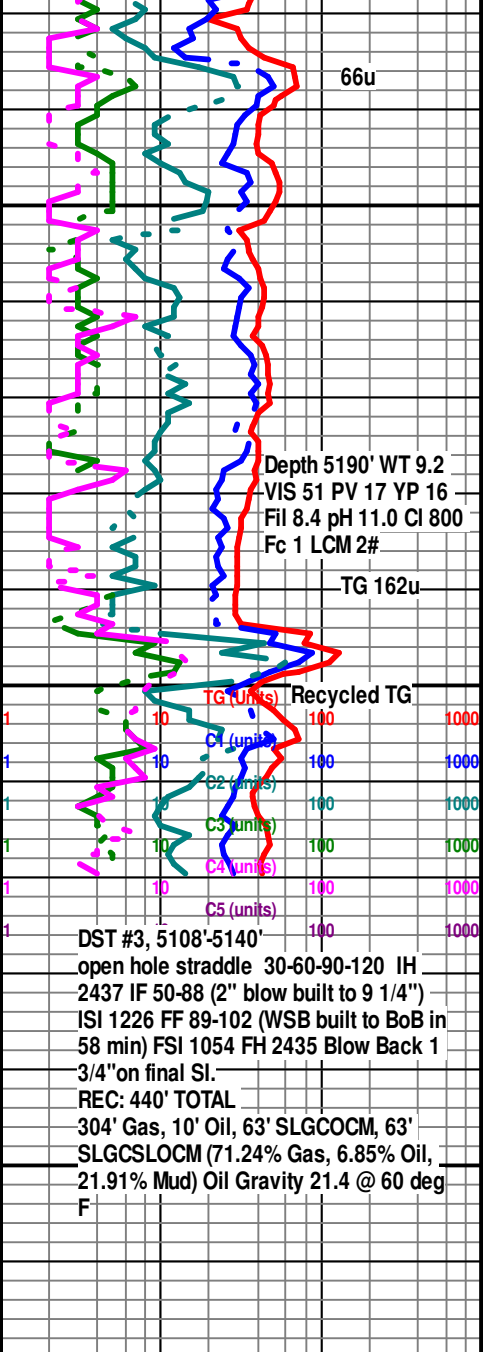
ST Louis "C" 5188' (-2251')

LS: gy, hd, vf xln, tr intxln por, no shows

LS: wh - v lt gy, hd, crpxln, occ fos frag, occ lt tn - opaqt, tt, no show

Drilled 30' of rathole for casing after logging and testing

Total Depth:
Driller = 5220' (-2283')
Logger = 5194' (-2257')



Depth 5190' WT 9.2
 VIS 51 PV 17 YP 16
 Fil 8.4 pH 11.0 Cl 800
 Fc 1 LCM 2#

DST #3, 5108'-5140'
 open hole straddle 30-60-90-120 IH
 2437 IF 50-88 (2" blow built to 9 1/4")
 ISI 1226 FF 89-102 (WSB built to BoB in
 58 min) FSI 1054 FH 2435 Blow Back 1
 3/4" on final SI.
 REC: 440' TOTAL
 304' Gas, 10' Oil, 63' SLGCOCM, 63'
 SLGCSLOCM (71.24% Gas, 6.85% Oil,
 21.91% Mud) Oil Gravity 21.4 @ 60 deg
 F