

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 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)</i> <i>(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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MUD-CO / SERVICE MUD INC.

100 S. Main, Suite 310 • Wichita, KS 67202 • 316-264-2814

DELIVERY TICKET 137548

DATE SHIPPED 7-8-24	F.O.B. WAREHOUSE <input type="checkbox"/>	PREPAID <input type="checkbox"/>	FINAL WELL <input type="checkbox"/>
DELIVERING WAREHOUSE YOSH	WELL SITE <input type="checkbox"/>	COLLECT <input type="checkbox"/>	TICKET <input type="checkbox"/>

SOLD TO White & Ellis Drilling Inc.	SHIPPED TO C+C #2	WELL NAME & NO. Dunkle #7
ADDRESS 1861 N. Rock Rd., Suite 200	SHIPPED VIA 74+36	COUNTY, STATE Butler, KS
CITY, STATE, ZIP Wichita, KS 67206-1264	ORDER NO. 34330	SEC. 5 TWN 25S RNG 5E

PRODUCT	PACKAGE SIZE	QUANTITY	PRICING LIST	CODE	UNIT PRICE	AMOUNT
1. UN# 1823 SODIUM HYDROXIDE - SOLID 8 II EMERGENCY CONTACT: CHEMTREC 1-800-424-9300 Customer Number: CCN657797	50#	19	Bag			
2. Mud-Co Gel	100#	280	Bag			
3. Salt Clay	50#		Bag			
4. Drill Starch	50#		Bag			
5. Lime	50#	6	Bag			
6. Cotton Seed Hulls	50#	150	Bag			
7. Soda Ash	50#	21	Bag			
8. Lignite	50#	15	Bag			
9. Drill Pac	50#	6	Bag			
10. Desco	25#	2	Bag			
11. Co-Poly L	5gal	2	BKT			
12. X-Cide 102W	5gal		BKT			
13. Mliguard	50#		Bag			
14. Flozan	25#		Bag			
15. Barite	100#		Bag			
16. Cedar Fiber	40#		Bag			
17. Multi Seal	40#	60	Bag			
18. SAPP	50#		Bag			
19. Soap Sticks		70	STK			
20.						
21.						
22.						

MATERIAL RECEIVED IN GOOD ORDER	TRANSPORTATION CHARGES		SUB TOTAL
	TRUCK #	MILEAGE	FROM
DATE RECEIVED	@		SALES TAX
PURCHASE AUTHORIZED BY	@		TRANSPORTATION
	TOTAL TRANSPORTATION CHARGES		TOTAL

MUD-CO / SERVICE MUD INC.

100 S. Main, Suite 310 - Wichita, KS 67202 • 316-264-2814

DELIVERY TICKET 137571

DATE SHIPPED 7-16-24	F.O.B.	PREPAID	FINAL WELL
DELIVERING WAREHOUSE Proff	WAREHOUSE <input type="checkbox"/>	COLLECT <input type="checkbox"/>	<input checked="" type="checkbox"/> TICKET
	WELL SITE <input type="checkbox"/>		

SOLD TO White & Ellis	SHIPPED TO C+G #2	WELL NAME & NO. Dunkle #7
ADDRESS	SHIPPED VIA 77	COUNTY, STATE Butler, KS
CITY, STATE, ZIP	ORDER NO.	SEC 5 TWN 23S R1G 5E

PRODUCT	PACKAGE SIZE	QUANTITY	PRICING LIST	CODE	UNIT PRICE	AMOUNT
1. UNS-1523 SODIUM HYDROXIDE - SOLID 8 II EMERGENCY CONTACT: CHEMTREC 1-800-424-9300 Customer Number: CCG657797	50#	2	Bag			
2. Mud-Co Gel	100#	13	Bag			
3. Salt Clay	50#		Bag			
4. Drill Starch	50#		Bag			
5. Lime	50#	4	Bag			
6. Cotton Seed Hulls	50#	67	Bag			
7. Soda Ash	50#		Bag			
8. Lignite	50#	3	Bag			
9. Drill Pac	50#	2	Bag			
10. Desco	25#	2	Bag			
11. Co-Poly L	5gal		BKT			
12. X-Cide 102W	5gal		BKT			
13. Milguard	50#		Bag			
14. Flozarr	25#		Bag			
15. Barite	100#		Bag			
16. Cedar Fiber	40#		Bag			
17. Multi Seal	40#	39	Bag			
18. SAPP	50#		Bag			
19.						
20.						
21.						
22.						

Final Credit
Ryan

MATERIAL RECEIVED IN GOOD ORDER	TRANSPORTATION CHARGES			SUB TOTAL
	TRUCK #	MILEAGE	FROM	
DATE RECEIVED	@			SALES TAX
	@			
PURCHASE AUTHORIZED BY	@			TRANSPORTATION
	TOTAL TRANSPORTATION CHARGES			TOTAL

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PLEASE PRESS FIRMLY: YOU ARE MAKING THREE COPIES

Mud-Co / Service Mud Inc.

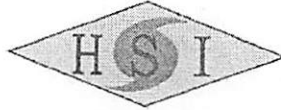
Operator White & Ellis County Butler State Kansas Pump 6.5 X 14 X 60 SPM Casing Program 8 5/8 " @ 207 ft.
 Well Dunkle #7 Location _____ GPM 8.76 BPM _____ " @ _____ ft.
 Contractor C&G #2 Sec 5 TWP 25S RNG 05E D.P. 4.5 in. 69.5 FT/MIN R.A. _____ " @ _____ ft.
 Stockpoint Prairie, Kansas Date 7/18/2024 Engineer Jason Whiting Collar 6.25 in. 303 ft. 81.3 FT/MIN R.A. Total Depth _____ ft.

DATE	DEPTH feet	WEIGHT lb/gal	VISCOSITY			GELS 10 sec / 10 min	pH Strip_ Meter_	FILTRATION ANALYSIS					SAND %	RETORT			L.C.M.	Pump Press. PSI	CUMULATIVE COST	REMARKS AND TREATMENT	
			Sec API @_F	PV @_F	Yp			ml API	Cake 32nds	Pres. #/BBL	Cl ppm	Ca ppm		Solids %	Oil %	Water %					
6/27	0					Water						340	70							0	RURT.
7/9	501	9.0	31	2	3	2/4	9.5	N/C	2			300	60	4.6		95.4	Tr		3,860	Drig.	Mud-up @1500'
7/10	1634	9.5	36	7	6	4/12	11.5	12.8	2			1,300	5	8.4		91.6	Tr		7,405	Drig.	
7/11	2444	9.5	44	13	11	7/22	10.5	9.2	1			1,400	15	8.4		91.6	2		10,806	Drig.	DST #1 @ 2519'
7/12	2768	9.6	43	13	10	6/19	10.0	9.6	1			2,400	20	9.1		90.9	2		11,927	Drig.	Lost circulation at 2825'
7/13	2835																		13,772		Cement csg.
FINAL: 1 DST, Logs OK, Ran 5.5" casing																					
Reserve Pit, Chl content ppm: 3100 Estimated Volume: 500 bbls																					

MUD-CO / SERVICE MUD INC.
 100 S. Main Suite #310
 Wichita, Ks. 67202
 316/264-2814 Fax: 316/264-5024

DRILLING MUD RECAP

Materials	Sacks	Amount	Materials	Sacks	Amount	Amount:
C/S HULLS	83	1929.75				
CAUSTIC SODA	17	1509.09				
CO-POLY-L	2	431.14				
DRILL PAK	4	1592.00				
LIME	2	30.50				
MULTI BLEND	21	748.65				
PREMIUM GEL	267	5847.30				
SOAP STICKS	70	728.00				
SODA ASH	21	586.95				
SUPER LIG	12	369.00				
Total Mud Cost						13772.38
Trucking Cost						1347.95
Trucking Surcharge						
Taxes						
TOTAL COST						15120.33



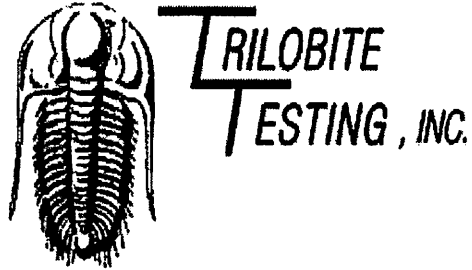
CEMENT TREATMENT REPORT

Customer: White & Ellis Drilling, Inc.	Well: Dunkle #7	Ticket: EP14144
City, State:	County: Butler	Date: 7/13/2024
Field Rep: Dan Flowers	S-T-R: 5 25S 5E	Service: Longstring

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	7 7/8 in	Blend:	Thick Set Cement	Blend:	
Hole Depth:	2835 ft	Weight:	13.8 ppg	Weight:	ppg
Casing Size:	5 1/2 in	Water / Sk:	9.0 gal / sx	Water / Sk:	gal / sx
Casing Depth:	2656.43 ft	Yield:	1.85 ft ³ / sx	Yield:	ft ³ / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:		Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	ft	Excess:		Excess:	
Displacement:	64.8 bbls	Total Slurry:	46.0 bbls	Total Slurry:	0.0 bbls
		Total Sacks:	140 sx	Total Sacks:	0 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
				-	Safety Meeting:
				-	Rig up to 5 1/2" Casing set @ 2656.43' GL. Drop brass ball. Wait 10 mins.
1.5		900.0	2.0	2.0	Set Packer shoe w/ 2 bbl fresh water @ 900 psi.
4.0		50.0	10.0	12.0	Break circulation w/ 10 bbl fresh water.
5.0		100.0	46.0	58.0	Mixed 140 sks Thick Set Cement w/ 5# Kolseal/sk, 2# Phenoseal/sk @ 13.8 ppg, yield 1.85 = 46 bbl slurry.
				58.0	Wash out pump and lines. Shut down. Release plug.
5.0		900.0	64.8	122.8	Displace plug to seat w/ 64.8 bbl fresh water.
				122.8	Final pumping pressure of 900 psi. Bump plug to 1400 psi. Shut down. Wait 2 mins. Release pressure.
				122.8	Float and plug held. Good circulation @ all times while cementing.
				122.8	Plug RH w/ 20 sks & MH w/ 15 sks.
				122.8	Job complete. Rig down.
				122.8	
				122.8	
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				122.8	
				122.8	

CREW		UNIT	SUMMARY		
Cementer:	David	1003	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Broker	1203	3.9 bpm	488 psi	123 bbls
Bulk #1:	Monty	1212			
Bulk #2:					



DRILL STEM TEST REPORT

Prepared For: **White & Ellis Drilling**

1861 N Rock RD Ste 200
Wichita, KS 67206

ATTN: Bill Stout

Dunkle #7

5-25S-05E Butler,KS

Start Date: 2024.07.11 @ 17:25:00

End Date: 2024.07.11 @ 23:55:02

Job Ticket #: 71419 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2024.07.15 @ 15:42:48

White & Ellis Drilling 5-25S-05E Butler,KS Dunkle #7 DST # 1 Viola 2024.07.11



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

White & Ellis Drilling
1861 N Rock RD Ste 200
Wichita, KS 67206
ATTN: Bill Stout

5-25S-05E Butler,KS
Dunkle #7
Job Ticket: 71419 **DST#: 1**
Test Start: 2024.07.11 @ 17:25:00

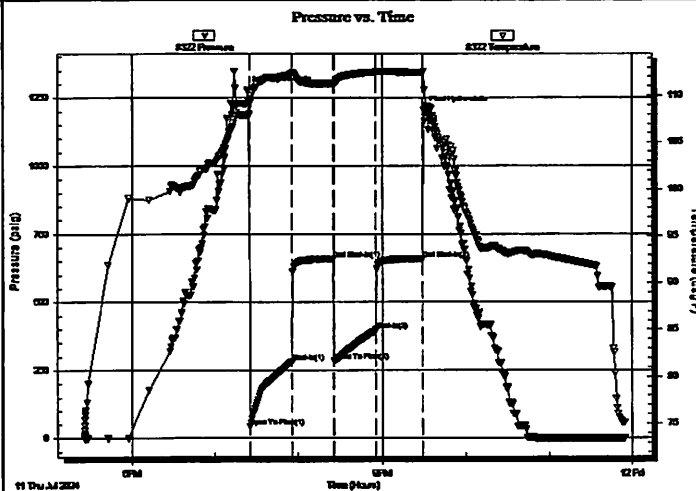
GENERAL INFORMATION:

Formation: **Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:25:17
Time Test Ended: 23:55:02
Interval: **2473.00 ft (KB) To 2519.00 ft (KB) (TVD)**
Total Depth: 2519.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)
Tester: Leal Cason
Unit No: 72
Reference Elevations: 1405.00 ft (KB)
1396.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8322 **Inside**
Press@RunDepth: 397.74 psig @ 2516.00 ft (KB) Capacity: psig
Start Date: 2024.07.11 End Date: 2024.07.11 Last Calib.: 2024.07.11
Start Time: 17:25:01 End Time: 23:55:02 Time On Btm: 2024.07.11 @ 19:23:17
Time Off Btm: 2024.07.11 @ 21:29:47

TEST COMMENT: IF: Strong Blow, BOB in 5 minutes, Built to 59.96"
IS: No Blow Back
FF: Strong Blow, BOB in 6 minutes, Built to 56.51"
FS: No Blow Back



PRESSURE SUMMARY

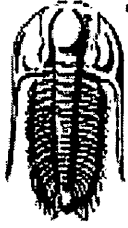
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1278.69	107.87	Initial Hydro-static
2	44.56	108.01	Open To Flow (1)
33	282.12	112.32	Shut-In(1)
62	658.58	111.28	End Shut-In(1)
63	282.84	111.18	Open To Flow (2)
93	397.74	112.50	Shut-In(2)
126	658.64	112.42	End Shut-In(2)
127	1206.59	112.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
301.00	Water	1.48
549.00	MCW 24%M 76%W	7.70
65.00	SOSM 2%O 98%M	0.91

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

White & Ellis Drilling
1861 N Rock RD Ste 200
Wichita, KS 67206
ATTN: Bill Stout

5-25S-05E Butler,KS
Dunkle #7
Job Ticket: 71419 **DST#: 1**
Test Start: 2024.07.11 @ 17:25:00

Tool Information

Drill Pipe:	Length: 2175.00 ft	Diameter: 3.80 inches	Volume: 30.51 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 301.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 31.99 bbl</u>	Tool Chased: ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	2473.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	75.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			2449.00	
Hydraulic tool	5.00			2454.00	
Jars	5.00			2459.00	
EM Tool	3.00			2462.00	
Safety Joint	2.00			2464.00	
Packer	5.00			2469.00	29.00 Bottom Of Top Packer
Packer	4.00			2473.00	
Stubb	1.00			2474.00	
Perforations	4.00			2478.00	
Change Over Sub	1.00			2479.00	
Drill Pipe	31.00			2510.00	
Change Over Sub	1.00			2511.00	
Handling Sub	5.00			2516.00	
Recorder	0.00	8322	Inside	2516.00	
Recorder	0.00	8159	Outside	2516.00	
Bullnose	3.00			2519.00	46.00 Bottom Packers & Anchor
Total Tool Length:	75.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

White & Ellis Drilling
1861 N Rock RD Ste 200
Wichita, KS 67206
ATTN: Bill Stout

5-25S-05E Butler,KS
Dunkle #7
Job Ticket: 71419 **DST#: 1**
Test Start: 2024.07.11 @ 17:25:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	13226 ppm
Viscosity: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

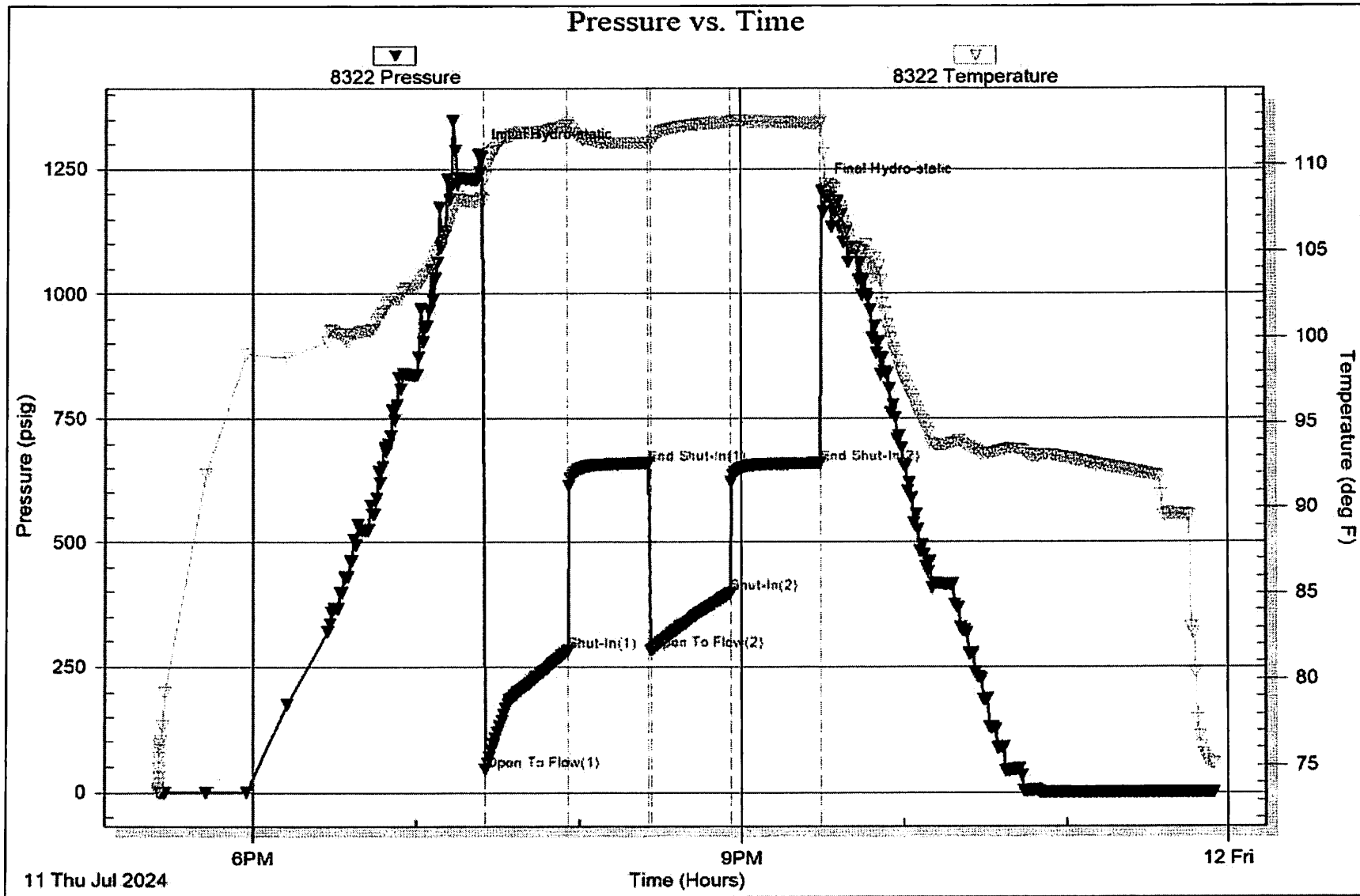
Length ft	Description	Volume bbl
301.00	Water	1.480
549.00	MCW 24%M 76%W	7.701
65.00	SOSM 2%O 98%M	0.912

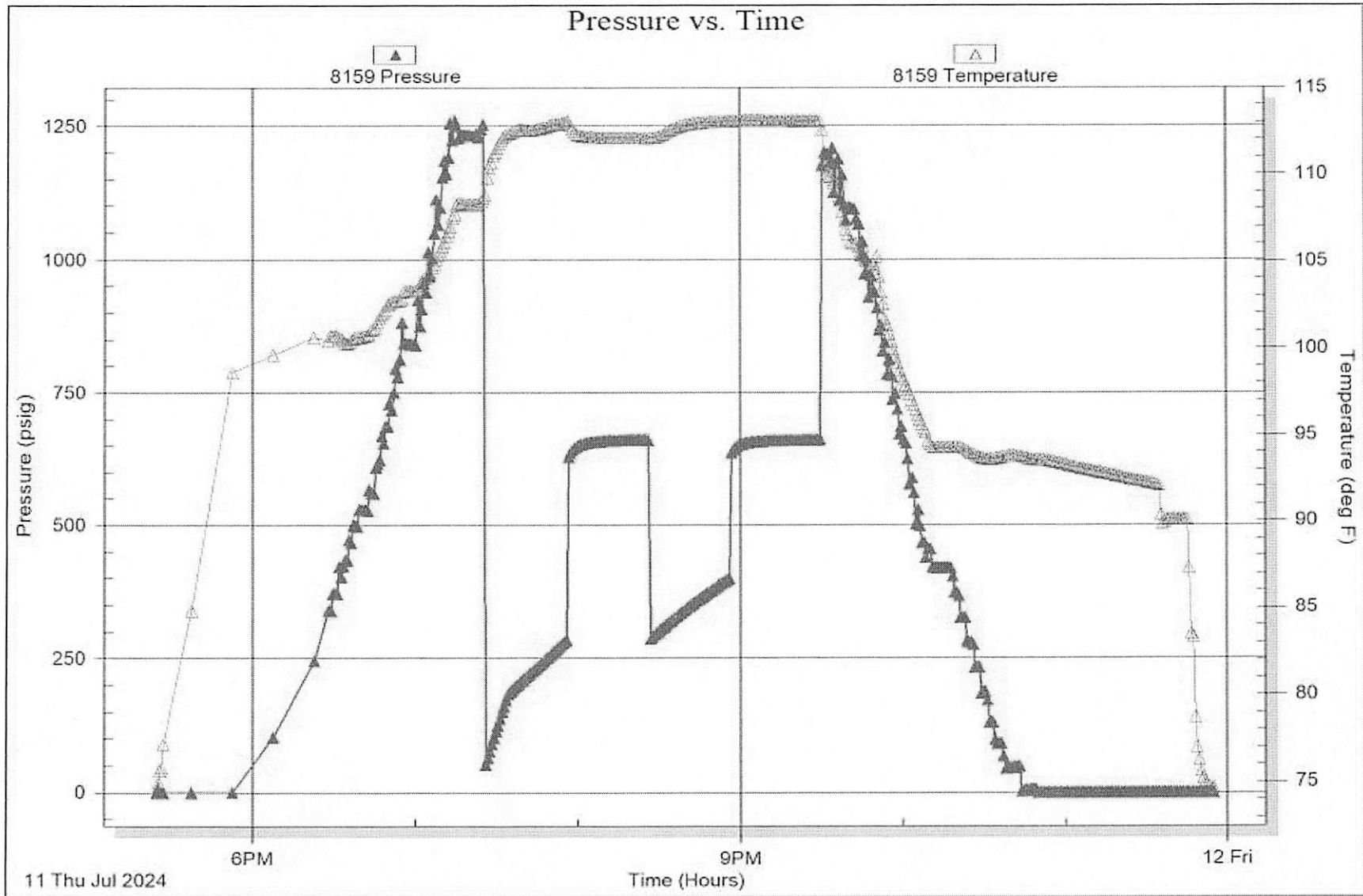
Total Length: 915.00 ft Total Volume: 10.093 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW was .41 @ 80 degrees







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 71419

Well Name & No. 7 A Duncle Test No. 1 Date 07/11/24
 Company White & Ellis Drilling Elevation 1405 KB 1396 GL
 Address 1861 N. Rock Rd Ste 200 Wichita, KS 67206
 Co. Rep / Geo Bill Stout Rig C&G 2
 Location: Sec. 5 Twp 25S Rge. 05E Co. Butler State KS

Interval Tested 2473 - 2519 Zone Tested Viola
 Anchor Length 46 Drill Pipe Run 2175 Mud Wt. 9.5
 Top Packer Depth 2468 Drill Collars Run 301 Vis 44
 Bottom Packer Depth 2473 Wt. Pipe Run 0 WL 9.2
 Total Depth 2519 Chlorides 1400 ppm System LCM 2

Blow Description IF: Strong Blow, BOB in 5 minutes, Built to 59.96"
IF: NO BLOW BACK

EF: Strong Blow, BOB in 6 minutes, Built to 56.51"
EF: NO BLOW BACK

Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>SOSM</u>	<u>2</u>		<u>98</u>	
<u>549</u>	<u>MCW</u>		<u>76</u>	<u>24</u>	
<u>301</u>	<u>water</u>				

Rec Total 915 BHT 113 Gravity NIC API RW .41 @ 80 °F Chlorides 13,226 ppm

Initial Hydrostatic 1279 Test 1800 Ruined Shale Packer
 Initial Flow 44 to 282 Jars 300 Ruined Packer
 Initial Shut-In 658 Circ Sub Hotel
 Final Flow 283 to 397 Hourly Standby EM Tool Successful
 Final Shut-In 658 Mileage (2422) 423.50 Accessibility
 Final Hydrostatic 1206 Sampler Gas Sample
 T-On Location 16:45 Straddle Oversized Hole
 Initial Flow 30 T-Started 17:25 Shale Packer Sub Total 0
 Initial Shut-In 30 T-Open 19:25 Extra Packer Total 2523.50
 Final Flow 30 T-Pulled 21:29 Extra Recorder Tool Loaded @
 Final Shut-In 30 T-Out 23:55 Day Standby MP/DST Disc't

Comments _____

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damage of any kind of 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 statements or opinion concerning the results 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.

White & Ellis Drilling, Inc.

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

Well Name: Dunkle A #7
Well Id: 15-015-24232
Location: S/2 SW NW SW Section 5-T25S-R5E
License Number: 5420
Spud Date: 7-9-24
Surface Coordinates:
Bottom Hole Coordinates:
Ground Elevation (ft): 1396
Logged Interval (ft): 500
Formation:
Type of Drilling Fluid: Chemical

Region: Butler County
Drilling Completed: 7-12-24

K.B. Elevation (ft): 1405
Total Depth (ft): 2836
To: R.T.D

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

OPERATOR

Company: White & Ellis Drilling, Inc.
Address: 1861 N. Rock Road # 200
Wichita, Kansas 67206-1264

GEOLOGIST

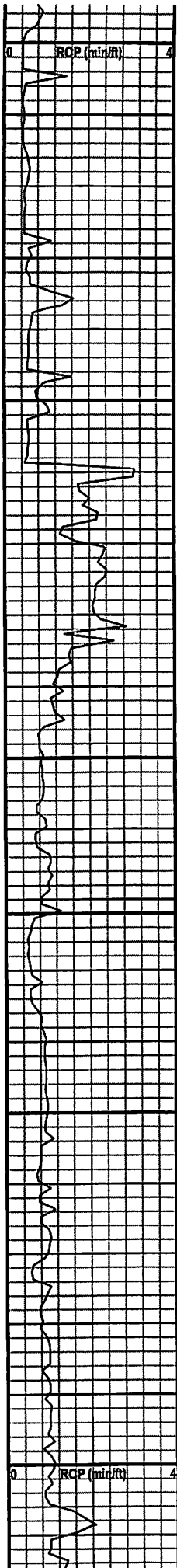
Name: William M. Stout
Company:
Address: 1441 N. Rock Road #1903
Wichita, Kansas 67206

Comments

Because the well ran low structurally to the offset and negative drill stem test result the decision was made to set and cement 5 1/2 casing for a salt water disposal.

Casing

Surface casing 208' 8 5/8" @ 217' w/ 135 sacks cement.
Production casing 5 1/2".



600 MD

650

700

750

800 MD

poss strn, Sh- gy, red.

○ Ls- lt bm, f-x, fos, scat inxtln por w/ lt strn & fluor, Sh- red, gy.

Ls- lt bm, lt gy, f-x, fos, s/ arg, NS, Sh- gy, red.

Ls- lt bm, f-x, fos, dns, NS, Sh- gy, red.

○ Ls- lt bm, f-x, fos, chky, tr inxtln por w/ strn & fluor, Sh- a.a.

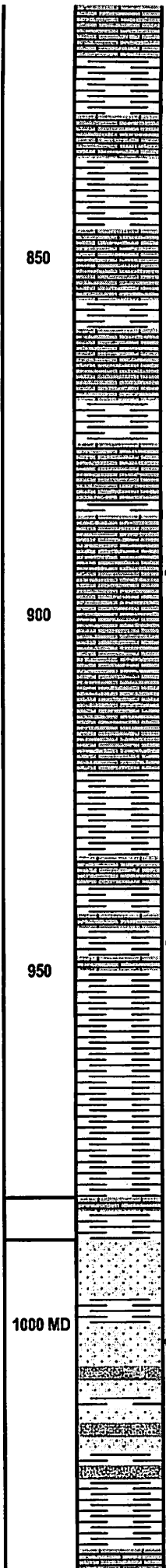
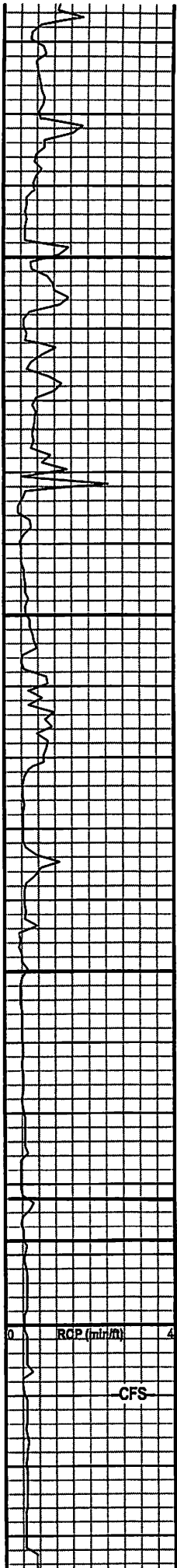
Admire Sand 722' +683

e-log -687

Sh- gy, s/ Ss- lt bm, lt gy, calc, arg, s/ por, NS,

Sh- gy, gm, red, s/ sdy, Ss- a.a.

Ls- lt bm, bm, gy, f-x, fos, chky, scat inxtln por, NS, Sh- gy, red, gm.



Sh- gy, gm, red, s/ Ls- aa.

850

Ls- lt bm, f-x, fos, chky, NS, Sh- aa.

900

Ls- lt bm, bm, f-x, fos, s/ ool, tr inxtln por w/ stn & fluor, tr live O, Sh- gy, dk gy, red.

Sh- gy, dk gy, gm, red.

950

Sh- gy, gm, sdy in pt, Ls- aa, NS.

Ss- gy, f-gm, arg, calc, mica, NV por, Sh- gy, dk gy.

1000 MD

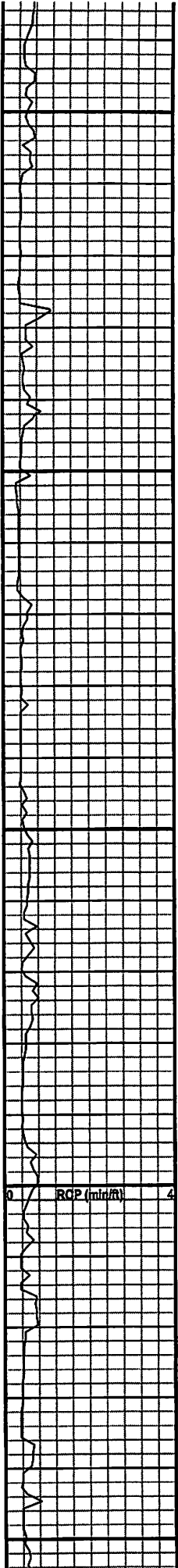
Ss- aa, s/ lt bm, f-gm, calc, pr por, lt stn, SSFO when broken, tr fluor.

Ss- aa, w/ Sh- gy.

Trip bit @ 880'
Back drilling 10:00 pm 7-9-24

White Cloud 988' +417
e-log +421

C.F.S. @ 1010' 10-20 min.



1050

1100

1150

1200 MD

1250

Ls- bm, lt bm, f-x, fos, s/ dns, scat inxtln por, NS, Sh- gy.

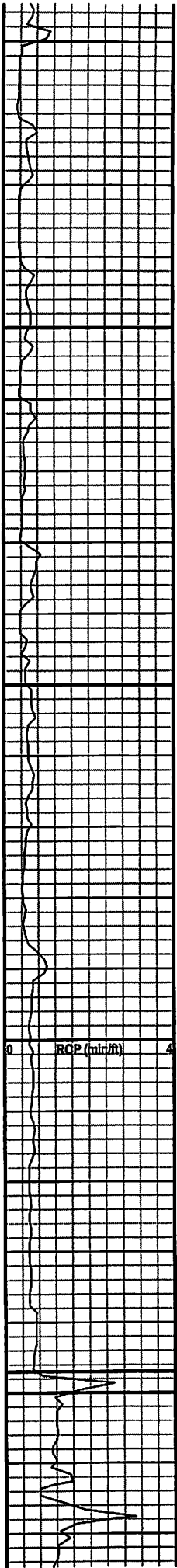
Ls- bm, f-x, fos, s/ dns, arg in pt, w/ Sh- dk gy, calc, NS.

Sh- dk gy, gy, gm, Ls- aa.

Sh- gy, s/ sdy, Ls- lt bm, f-x, fos, chky in pt, NS.

Ls- lt bm, bm, gy, f-x, arg, fos, chky, scat inxtln por, Sh- gy.

Ls- lt bm, bm, f-x, fos, sli chky, ft odor, scat lt stn, SSFO, inxtln & vug por w/ fluor, Sh- gy.



1300

1350

1400 MD

1450

Ls- lt brn, brn, f-x, fos, chky, NS, Sh- gy, dk gy, blk s/ carb.

Ls- brn, lt brn, f-x, fos, s/ dns, scat por w/ lt strn, VSSFO, fluor (5%).

Ls- brn, f-x, fos, s/ dns, NS.

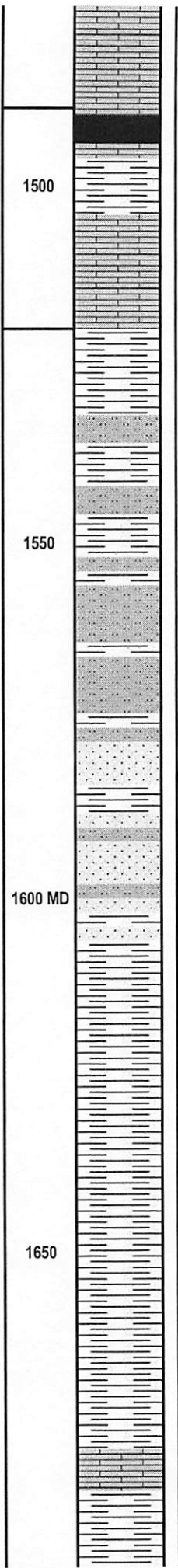
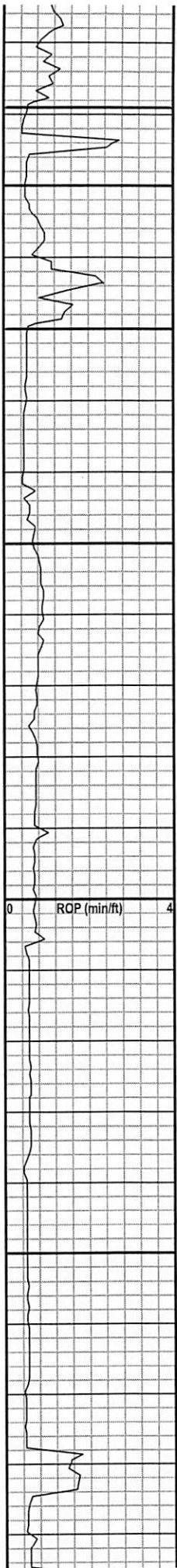
Missed sample.

Ls- lt gy, vy f-x, few fos, s/ inxtln por, NS. s/ Sh- blk, gy.

Sh- gy, dk gy, s/ sdy, sli calc.

Oread 1447' -42

e-log -39



Ls- lt bm, f-x, fos, chky, dns, NS.

1500

Sh- blk, dk bm, carb, s/ Ls- a.a.

1550

Ls- lt bm, f-x, chky, dns, NS, Sh- gy.

Sh- gy, dk gy, gm, s/ sdy, few Ss- clusters, arg, pr por, NS.

1600 MD

Ss- lt gy, gy, f-gm, fri, s/ arg, calc, mica, pr por, NS, Sh- gy.

1650

Ss- a.a, vy arg, Sh- gy, dk gy.

Sh- gy, m gy, s/ sdy, tr Ss- a.a.

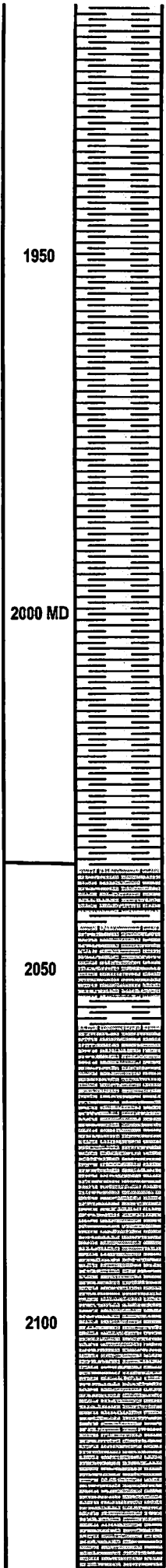
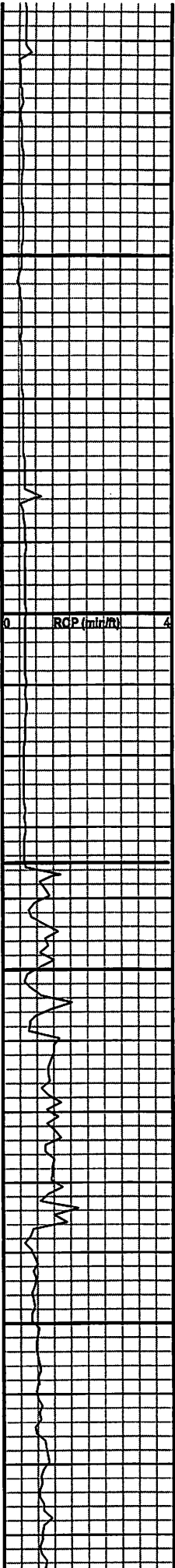
Heebner 1489' -84

e-log -80

Douglas 1520' -115

e-log -110

Vis. 36
Wt. 9.5
W.L. 12.8
LCM tr.



Sh- gy, sdy, calc, w/ Ls- a.a.

Sh & Ls- a.a.

Sh- gy, s/ sdy, w/ Ls- a.a.

1950

Sh- a.a.

Sh- dk gy, gy, s/ sdy.

Sh- a.a.

2000 MD

Sh- gy, m gy.

Sh- a.a.

2050

○ Ls- lt bm, f-x, fos, s/ dns, sli chky, ft odor, tr lt stn, few vugs w/ FO, tr fluor, Sh- a.a.

Ls- lt bm, f-x, fos, dns, scat por w/ stn & fluor, NSFO, Sh-a.a.

Ls- a.a.

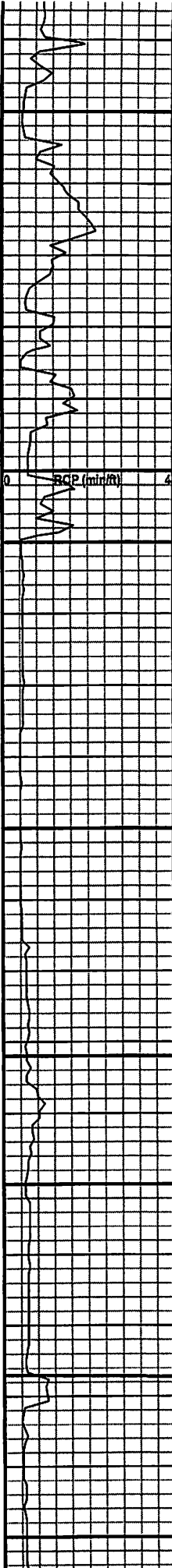
Ls- lt bm, f-x, fos, chky, scat por, NS, Sh- gy.

2100

Ls- lt bm, f-x, fos, chky, scat inxtln por, NS, s/ Sh- gy.

Ls- lt bm, f-x, fos, vy chky, s/ dns, scat inxtln por: NS.

Kansas City 2035' -630
e-log -626



2150	
2200 MD	
2250	
2300	
2350	

Ls- a.a., Sh- dk gy, blk, carb.

 Ls- lt bm, lt gy, f-x, fos, dns, NS, Sh- gy.

 Ls- a.a., w/ Sh- gy, blk, carb.

 Ls- gy, lt bm, f-x, fos, dns, NS, Sh- gy.

 Ls- lt gy, gy, lt bm, f-x, few foss, dns, s/ arg, Sh- gy, sdy.

 Sh- gy, dk gy, sdy, calc, pyr, Ls- a.a.

 Sh- gy, dk gy, sdy, s/ Ss- lt gy, f-gm, fri, arg, calc.

 Sh- a.a., s/ Ss- a.a.

 Sh- a.a., tr blk, w/ Ls- lt bm, bm, f-x, dns, NS.

 Sh- gm, gy, s/ sdy, Ls- a.a.

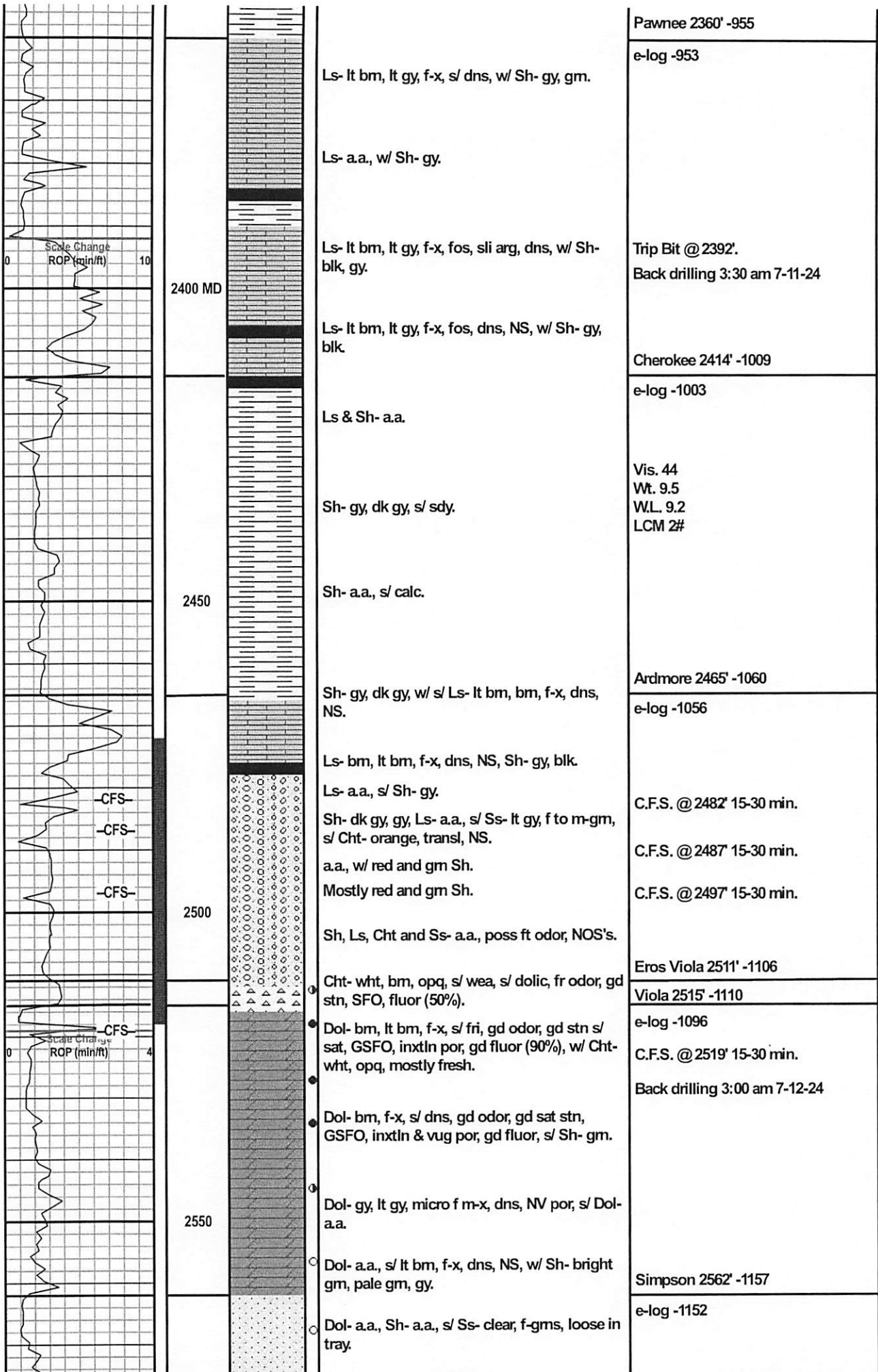
 Sh- a.a., w/ Ls- bm, f-x, dns, NS.

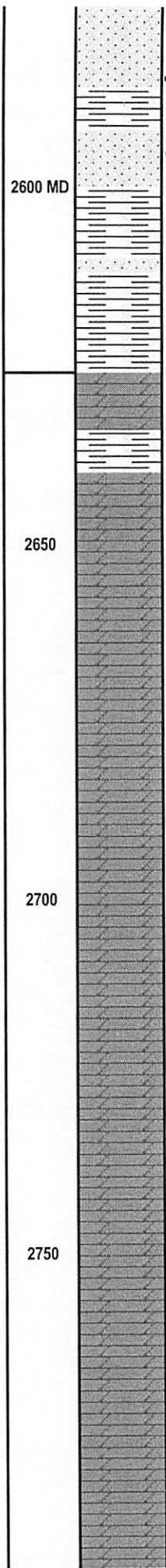
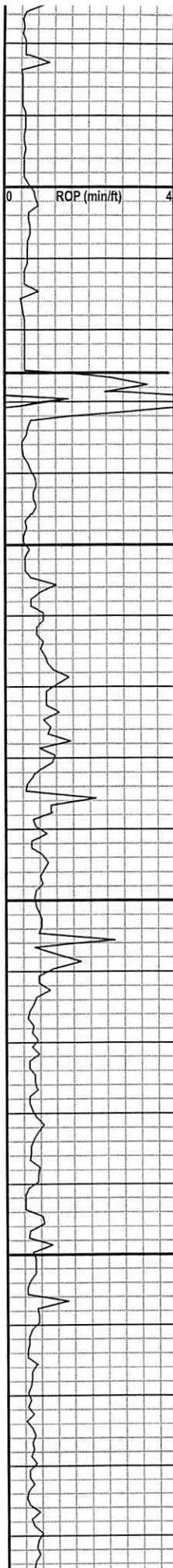
 Sh- red, gm, lt gy, washes red.

Base Kansas City 2210' -805
 e-log -799

 Marmaton 2282' -877
 e-log -872

 Altamont 2327' -922
 e-log -917





Ss- clear, lt bm, f-gm, mostly clust, sli calc, fr por, NS, Dol & Sh- a.a.

Ss- clear, lt bm, f-gm, s/ clust, s/ calc, vy scat fluor, poss lt str, NSFO, Sh- gm, gy, pyr.

Ss- wht, lt bm, clear, clust, calc, s/ arg, fr odor, scat str, SSFO, scat dull fluor, w/ Sh- pale gm, pyr.

Sh- lt gm, lt gy, s/ sdy, pyr, s/ Ss- a.a.

Sh- bright gm, Dol- gy, f-x, dns, s/ vy sdy, abund loose gm Sd, pyr, NS.

Dol- bm, gy, f-x, vy dns, chty, abund pyr, Sh- gm. NS.

Mostly Sh- gm, gy, abund pyr, Dol- bm, lt bm, f-x, dns, s/ sdy, NS.

Dol- lt bm, lt gy, vyf f-x, dns, sli chky, NV por, NS.

Dol- lt bm, f-x, s/ fri, scat inxtln & vug por, s/ Cht- wht, opq, fresh.

Dol- bm, f-x, dns, scat inxtln por, Cht a.a., NS.

Dol- a.a., inc Cht- wht, gy, trans to opq.

Dol- lt bm, f-x, dns, scat por, NS, s. Cht- a.a.

Dol- a.a., tr Sh-gy.

Dol- lt bm, lt gy, vy f to f-x, s/ dns, chky pure wht, s/ Cht- wht opq.

Dol- a.a., scat inxtln por.

Dol- bm, f-x, scat course xtals, s/ vug por, Cht- wht, NS.

Dol- lt bm, lt gy, f-x, s/ dns, s/ cht.

Dol- a.a., chky.

Dol- lt bm, bm, gy, f-x, dns, chty.

Dol- a.a., w/ Cht- wht, opq.

Dol- bm, lt bm, f-x, s. dns, scat inxtln por.

Dol- a.a. s/ av. dns. chkv.

DST #1 2473-2519
 30-30-30-30
 1st op strg blow BOB 5 min.
 No blow back
 2nd op strg blow BOB 6 min.
 No blow back
 Rec. 65' SOCM (2% O, 98% M), 549'
 MCW (76% W, 24% M), 301' W, 915'
 TF.
 Chlorides 13,226 ppm
 IFP 44-282# FFP 283-397#
 ISIP 658# FFP 658#
 HP 1279-1206#
 Temp. 113

Arbuckle 2626' -1221

e-log -1219

	<p>2800 MD</p>		<p>Dol- bm, lt bm, gy, f-x, s/ dns, scat por.</p> <p>Dol- lt bm, f-x, s/ dns, w/ Cht- wht, gy.</p> <p>Dol- lt bm, lt gy, f m-x, s/ dns, tr inxtln por, Cht- a.a.</p>	<p>R.T.D. 2836' -1431 10:15 am 7-12-24</p> <p>L.T.D. 2831' -1426</p>
	<p>2850</p>			