



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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1058169

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

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

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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

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

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

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
---	--	--

ALLIED CEMENTING CO., LLC. 037233

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Greent Bend

DATE <u>6-16-11</u>	SEC. <u>9</u>	TWP. <u>28S</u>	RANGE <u>16 W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Thompson Trust B</u>		WELL# <u>1</u>	LOCATION <u>Harland 2 East 1/2 north</u>			COUNTY <u>Nowa</u>	STATE <u>KS</u>
OLD OR (NEW) (Circle one)			<u>west into</u>				

CONTRACTOR Pickwell
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 T.D. 4770
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 1140
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____ P.B.L.S. _____
 EQUIPMENT _____
 PUMP TRUCK: CEMENTER Wayne
 # 366 HELPER Greg
 BULK TRUCK: _____
 # 341 DRIVER Tina
 BULK TRUCK _____
 # _____ DRIVER _____

OWNER Pickwell
 CEMENT
 AMOUNT ORDERED 200SK (60/40 + 4% ACS)
4 flo seal
 COMMON 120 @ 16.25 1950.00
 POZMIX 80 @ 8.50 680.00
 GEL 7 @ 21.25 148.75
 CHLORIDE _____ @ _____
 ASC _____ @ _____
4 flo seal 50 @ 2.70 135.00
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 209 @ 2.25 470.25
 MILEAGE 209 x 20 x .11 1.609.30
 TOTAL 4,993.20

REMARKS:
1st
1st Plug 1140 Mix 50SK
2nd Plug 480 Mix 50SK
3rd Plug 240 Mix 30SK
4th Plug 60 Mix 20SK
Rat hole Mix 30SK
Mause Mix 20SK

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

SERVICE
 DEPTH OF JOB 1140
 PUMP TRUCK CHARGE 1250.00
 EXTRA FOOTAGE @ _____
 MILEAGE Truck 140 @ 7.00 980.00
 MANIFOLD Light Truck 170 @ 3.00 510.00
 _____ @ _____
 TOTAL 2790.00

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment

PLUG & FLOAT EQUIPMENT
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____



PAGE 1 of 1	CUST NO 1003231	INVOICE DATE 06/09/2011
INVOICE NUMBER 1718 - 90616155		

Pratt (620) 672-1201
 B PICKRELL DRILLING COMPANY INC
 I 100 S MAIN ST STE 505
 L WICHITA
 L KS US 67202
 T
 O ATTN:

J LEASE NAME Thorpe Trust B-1
 O LOCATION
 B COUNTY Kiowa
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40329269	27463		Net - 30 days	07/09/2011

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 06/07/2011 to 06/07/2011</i>				
0040329269				
171804504A Cement-New Well Casing/Pi 06/07/2011				
8 5/8" Surface @ 450 ft @ 454 ft				
60/40 POZ	325.00	EA	9.48	3,081.00 T
De-foamer (Powder)	82.00	EA	3.16	259.12 T
Calcium Chloride	840.00	EA	0.83	696.78 T
Wooden Cement Plug 8 5/8"	1.00	EA	126.40	126.40
Baffle Plate Aluminum 8 5/8" (Blue)	1.00	EA	134.30	134.30
8 5/8" Basket (Blue)	1.00	EA	248.85	248.85
Industrial Rubber Thread Lock Kit	1.00	EA	26.86	26.86
Unit Mileage Charge-Pickups, Vans & Cars	20.00	HR	3.36	67.15
Heavy Equipment Mileage	40.00	MI	5.53	221.20
Proppant and Bulk Delivery Charges	280.00	MI	1.26	353.92
Depth Charge; 0-500'	1.00	HR	790.00	790.00
Blending & Mixing Service Charge	325.00	MI	1.11	359.45
Plug Container Utilization Charge	1.00	EA	197.50	197.50
Supervisor	1.00	HR	138.25	138.25

Cement Surface Csg

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	6,700.78
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	294.69
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	6,995.47
DALLAS, TX 75284-1903	MIDLAND, TX 79702		

Customer Pickerell Drilling	Lease No.	Date 6-7-11
Lease Thorpe Trust	Well # B-1	
Field Order # 4504	Station Pratt	Casing 8 5/8
		Depth 455
Type Job CNW - 8 5/8 Surface	Formation	County Kiowa
		State KS
		Legal Description 9-28-16

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size # 8 5/8	Tubing Size	Shots/Ft	Cement 325 sks	Acid 60/40 P02	RATE	PRESS	ISIP	
Depth 455	Depth	From	To 390	Pre Pad 1/4" Cellstake	Max		5 Min.	
Volume 29.12	Volume	From	To	Pad	Min		10 Min.	
Max Press 500	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 415	Packer Depth	From	To	Flush 26.5	Gas Volume		Total Load	

Customer Representative Mike Kern	Station Manager Dave Scott	Treater Steve Orlando
--	-----------------------------------	------------------------------

Service Units 27283	27463	19912	19831						
Driver Names Orlando	Wiser	McBraw							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:30 AM					On location - Safety Meeting
					Run 11 Jts 8 5/8 Casing
					CTD 460' T.C. 455 P.D. 415 23'
					Basket on jt # 36 Top of jt # 45
					Casing on Bottom
					Break Circ w/ Rig
7:40	200		3	5	H2O Ahead
7:41	200		70	5	Mix 325 sks 60/40 P02 @ 14.8#/sk
7:55	0		0		Release Plug - Start H2O Displacement
7:57	250		18.5	5	Cement To Surface
8:00 AM	250		26.5	4	Plug Down - Released Back
					Held & Racked up H&M
					Circulation Thru Job
					Circulated 8 bbl To pit
					Job Complete
					Thanks, Steve



10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

3. FIELD SERVICE TICKET
1718 04504 A

DATE _____ TICKET NO. _____

DATE OF JOB: 6-7-11		DISTRICT: Pratt		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER: Pickerell Drilling				LEASE: Thorpe Trust				WELL NO. B-1	
ADDRESS:				COUNTY: Kiowa		STATE: KS			
CITY:		STATE:		SERVICE CREW: (Delanda, Wiser, Mcbrann)					
AUTHORIZED BY:				JOB TYPE: 8 5/8 Surface CNW					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
27285	1						6-7-11	PM	2:00
27463	1							AM	3:00
19918-19831	1							AM	7:30
								AM	3:00
								AM	3:30
						MILES FROM STATION TO WELL			20

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *[Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP103	60/HOPO2	SK	325	-	3900.00
CC105	De-Foamer	LB	80	-	328.00
CC109	Calcium Chloride	LL	840	-	882.00
CF153	Wooden Cement Plug 2 3/4"	ea	1		160.00
CF253	Buffer Plate Aluminum 8 1/4"	ea	1		170.00
CF1903	Bucket 8 1/4"	ea	1		315.00
CF3000	Industrial Rubber Thread Lock Kit	ea	1		34.00
E100	Pickup Mileage	mi	20		85.00
E101	Heavy Equipment Mileage	mi	40		280.00
E113	Rail Mileage	Tn	280		448.00
CE200	Dupl Charge (0-500)	ea	1		1000.00
CE240	Cement Service Charge	SK	325		4550.00
CE501	Plug Container	ea	1		250.00
S003	Service Supervisor	ea	1		175.00

CHEMICAL / ACID DATA:			

SUB TOTAL		6200.78
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: *[Signature]* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Pickrell Drig Comp INC

Thorp Trust B #1

100 S Main STE 505
Wichita KS 67202

9-28s-16w

Job Ticket: 37493

DST#: 1

ATTN: Larry Richardson/TerrWichita KS 67202

Test Start: 2011.06.11 @ 18:00:42

GENERAL INFORMATION:

Formation: **Berg**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:27:12

Time Test Ended: 02:02:12

Test Type: Conventional Bottom Hole

Tester: Chris Staats

Unit No: 34

Interval: **3457.00 ft (KB) To 3500.00 ft (KB) (TVD)**

Total Depth: 3500.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2144.00 ft (KB)

2134.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8166 Outside

Press@RunDepth: 50.12 psig @ 3458.00 ft (KB)

Start Date: 2011.06.11

End Date: 2011.06.12

Start Time: 18:00:47

End Time: 02:02:11

Capacity: 8000.00 psig

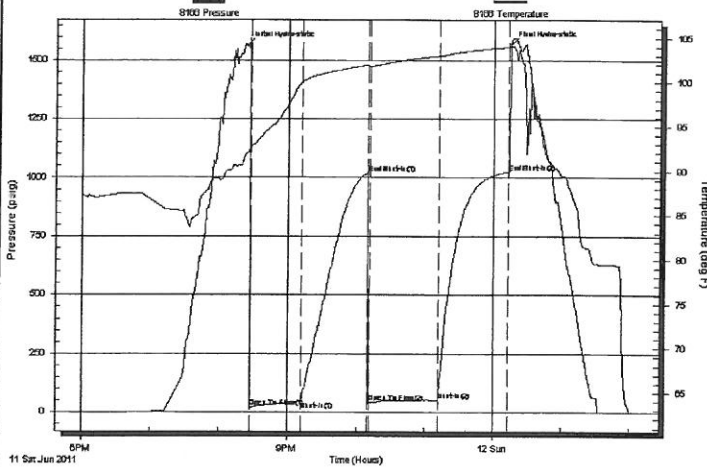
Last Calib.: 2011.06.12

Time On Btm: 2011.06.11 @ 20:22:57

Time Off Btm: 2011.06.12 @ 00:14:57

TEST COMMENT: IF: Strong blow BOB 20 min
IS: No blow back
FF: Strong blow GTS 45 min
FSI: No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1561.41	91.89	Initial Hydro-static
5	22.88	92.74	Open To Flow (1)
49	45.34	100.00	Shut-In(1)
107	1020.27	101.90	End Shut-In(1)
109	40.08	101.75	Open To Flow (2)
169	50.12	102.96	Shut-In(2)
230	1024.85	103.97	End Shut-In(2)
232	1565.47	104.26	Final Hydro-static

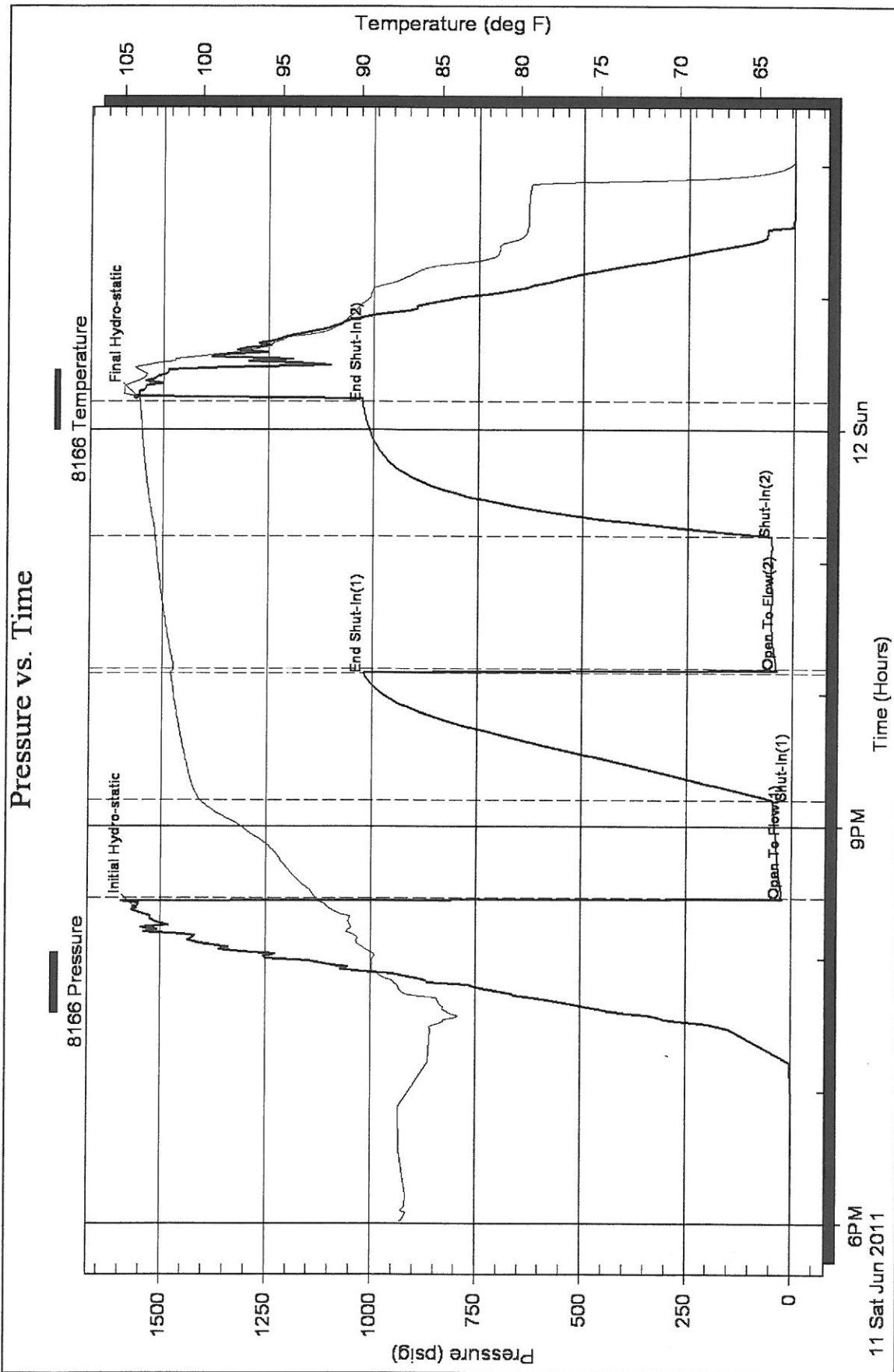
Recovery

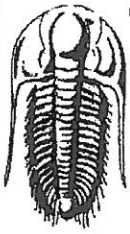
Length (ft)	Description	Volume (bbl)
130.00	MUD 100%	0.68

Gas Rates

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

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pickrell Drilling Co. Inc.

100 S. Main Ste.505
Wichita KS 67202

ATTN: Larry Richardson/TerrWichita KS 67202

Thorpe Trust B #1

9-28s-16w Kiowa kS.

Job Ticket: 042502

DST#: 2

Test Start: 2011.06.14 @ 18:52:57

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 21:15:12

Time Test Ended: 02:23:57

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **56**

Interval: **4629.00 ft (KB) To 4715.00 ft (KB) (TVD)**

Total Depth: **4715.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **2144.00 ft (KB)**

2134.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8167

Inside

Press@RunDepth: **38.34 psig @ 4630.00 ft (KB)**

Start Date: **2011.06.14**

End Date:

2011.06.15

Start Time: **18:53:02**

End Time:

02:23:56

Capacity: **8000.00 psig**

Last Calib.: **2011.06.15**

Time On Btm: **2011.06.14 @ 21:13:57**

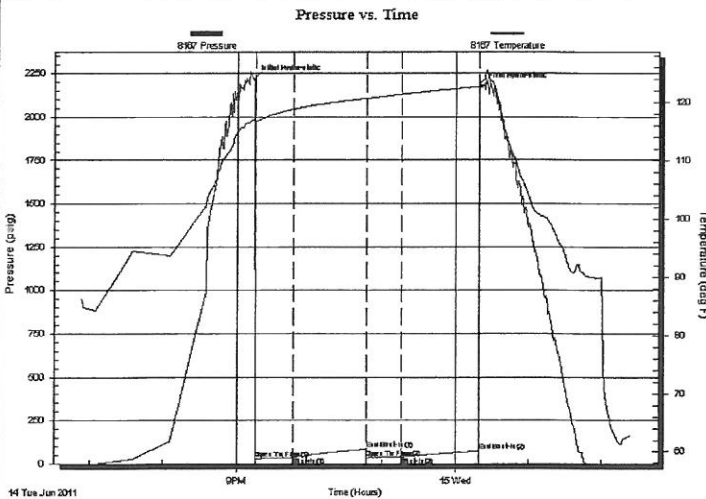
Time Off Btm: **2011.06.15 @ 00:20:42**

TEST COMMENT: IF:Weak blow . Increase to 5 1/2".

IS:No blow .

FF:Weak blow . 1/2 1 1/2".

FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2216.43	117.14	Initial Hydro-static
2	25.73	116.71	Open To Flow (1)
33	36.08	118.86	Shut-In(1)
93	82.57	120.69	End Shut-In(1)
93	31.96	120.67	Open To Flow (2)
122	38.34	121.41	Shut-In(2)
185	72.11	122.71	End Shut-In(2)
187	2172.80	123.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	Drig.mud	0.17
0.00	85 ft.of GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Co. Inc.

Thorpe Trust B #1

100 S. Main Ste.505
Wichita KS 67202

9-28s-16w Kiowa kS.

Job Ticket: 042502

DST#: 2

ATTN: Larry Richardson/TerrWichita KS 67202

Test Start: 2011.06.14 @ 18:52:57

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 10.79 in³

Resistivity: 0.00 ohm.m

Salinity: 10000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 10000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	Drlg.mud	0.172
0.00	85 ft.of GIP	0.000

Total Length: 35.00 ft Total Volume: 0.172 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

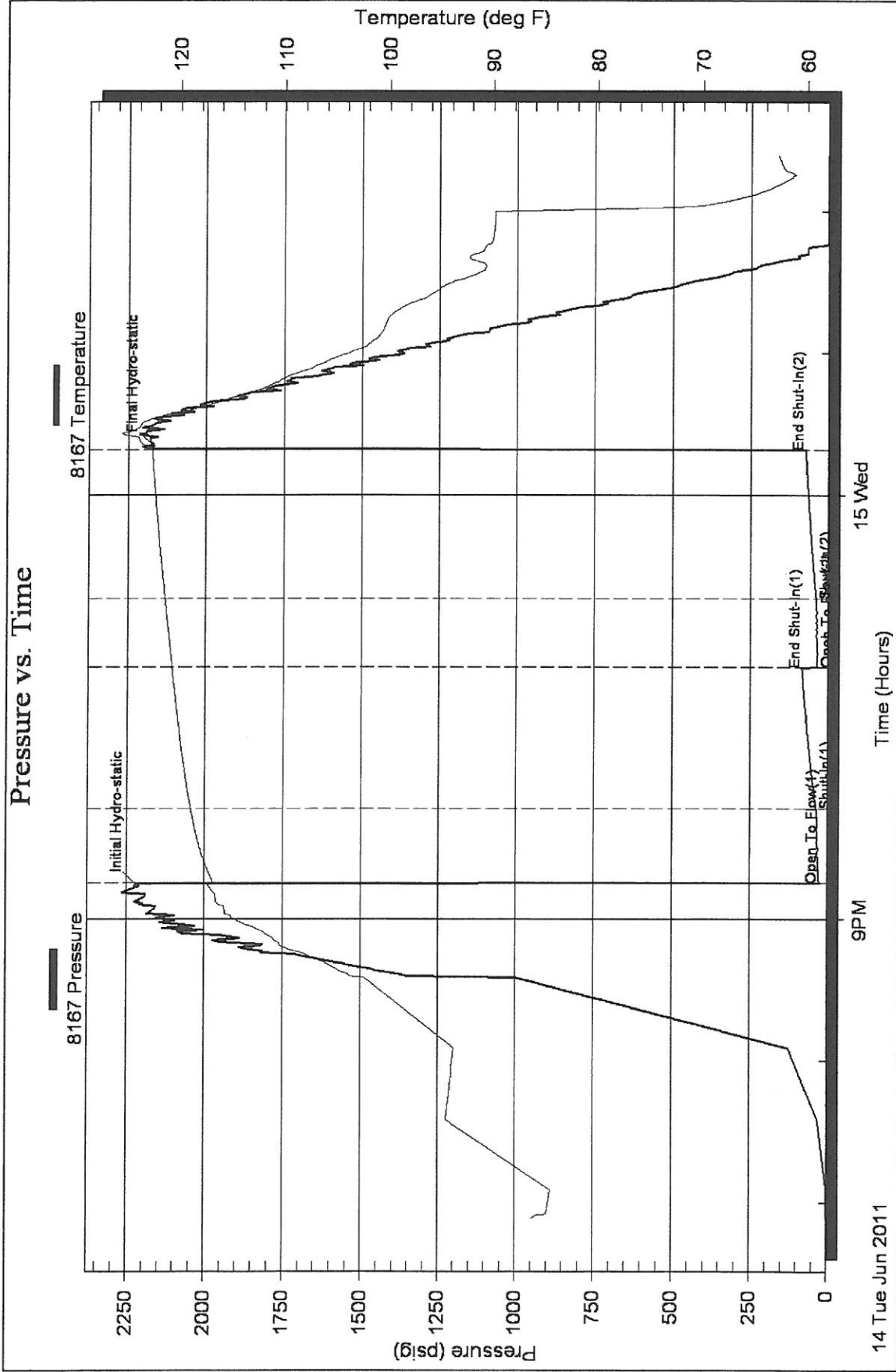
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pickrell Drilling Co. Inc.

100 S. Main Ste.505
Wichita KS 67202

ATTN: Larry Richardson/TerrWichita KS 67202

Thorpe Trust B #1

9-28s-16w Kiowa kS.

Job Ticket: 042503

DST#: 3

Test Start: 2011.06.15 @ 12:33:09

GENERAL INFORMATION:

Formation: **Kinderhook**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 15:21:39

Time Test Ended: 20:52:54

Interval: **4707.00 ft (KB) To 4770.00 ft (KB) (TVD)**

Total Depth: **4770.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **56**

Reference Elevations: **2144.00 ft (KB)**

2134.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8167

Inside

Press@RunDepth: **33.41 psig @ 4708.00 ft (KB)**

Start Date: **2011.06.15**

End Date:

2011.06.15

Start Time: **12:33:14**

End Time:

20:52:53

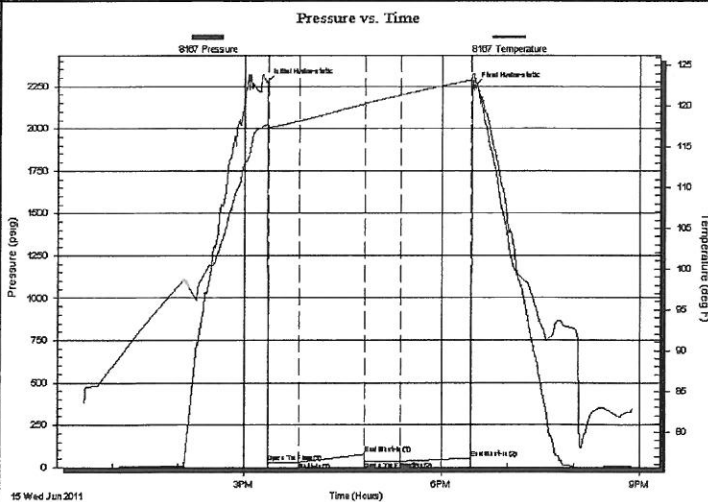
Capacity: **8000.00 psig**

Last Calib.: **2011.06.15**

Time On Btm: **2011.06.15 @ 15:19:54**

Time Off Btm: **2011.06.15 @ 18:28:24**

TEST COMMENT: IF:Weak blow . 1" decreasing.
IS:No blow .
FF:Very weak blow . (surface) Dead in 30 secs.
FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2272.38	117.75	Initial Hydro-static
2	25.45	117.31	Open To Flow (1)
30	28.45	118.20	Shut-In(1)
90	77.31	120.25	End Shut-In(1)
91	31.90	120.27	Open To Flow (2)
123	33.41	121.35	Shut-In(2)
186	52.88	123.17	End Shut-In(2)
189	2249.38	123.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drig.mud	0.07

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Co.Inc.

Thorpe Trust B #1

100 S. Main Ste.505
Wichita KS 67202

9-28s-16w Kiowa kS.

Job Ticket: 042503

DST#: 3

ATTN: Larry Richardson/TerrWichita KS 67202

Test Start: 2011.06.15 @ 12:33:09

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

13000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 13.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 13000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Drig.mud	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

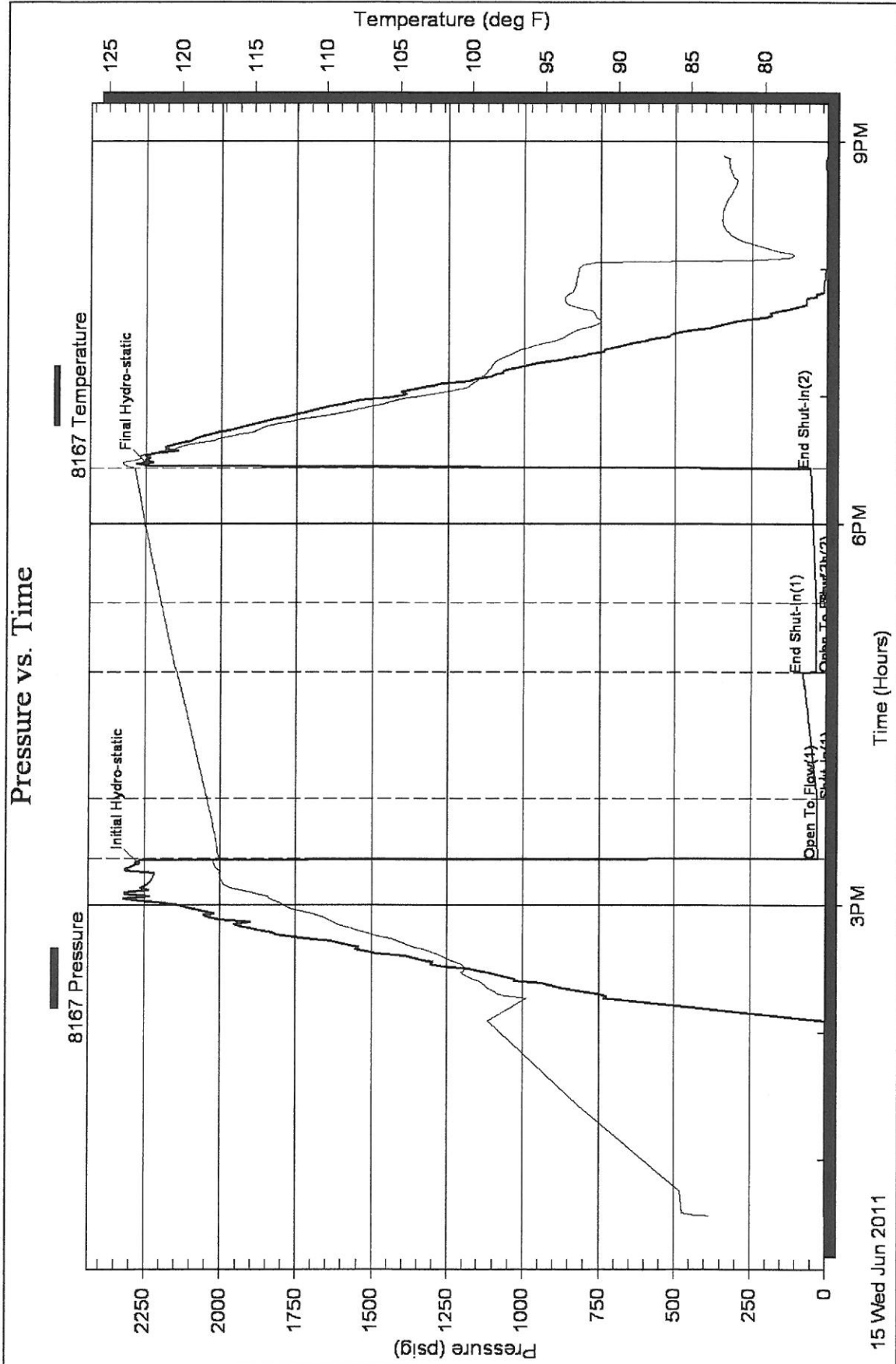
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



P.O. Box 503
 Wichita, Kansas 67201
 316-265-6431

GEOLOGIST'S REPORT
 DRILLING TIME AND SAMPLE LOG

OPERATOR PICKRELL DRILG. CO. INC.
 LEASE THORPE TRUST B" WELL NO. 1
 FIELD DAYLIGHT
 LOCATION C NW SE/4
 SEC. 9 TWP. 28S RGE. 16W
 COUNTY KIOWA STATE KANSAS

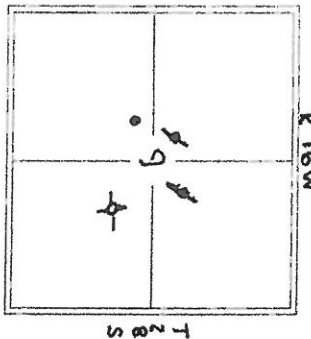
CONTRACTOR PICKRELL DRG CO. INC. PIG. NO. 1
 COMM. 6-6-2011 COMP. 6-16-2011
 RTD. 4770' LOG TO 4766'
 SAMPLES SAVED FROM 2600' TO RTD
 DRILLING TIME KEPT FROM 2500' TO RTD.
 SAMPLES EXAMINED FROM 2600' TO RTD
 GEOLOGICAL SUPERVISION FROM 3021' TO RTD
 AUD UP 3455' TYPE MUD CHEMICAL

FORMATION	TOP	LOG DATUM	TOP SAMPLE DATUM	STRUCT. COMP.
STOTLER LM	3350	-1206	3349' -1205	-1
BERN LM	3482	-1338	3483' -1339	+4
TOPEKA LM	3668	-1520	3664' -1520	FLAT
HELBNER SH.	3989	-1245	3992' -1848	FLAT
LANSING	4163	-2019	4162' -2018	FLAT
Base Kansas City	4437	-2293	4434' -2290	-5
Marmaton	4484	-2340	4488' -2344	-1
Cherokee Sh.	4642	-2498	4648' -2504	-1
Clemens Sand	N/A	N/A	N/A	-12
MISSISSIPPI GG	4682	-2548	4690' -2546	+16
Kinderhook Sh.	4705	-2561	4712' -2568	+7
Kinderhook Sd	4721	-2577	4727' -2583	+7
Viola	SCT		4759' -2615	+26

ELEVATION
 KB 2144'
 DF _____
 GI 2134'
 Measurements Are All
 From KB

CASING RECORD
 SURFACE 8 5/8" @ 455'
with 32 S sv 6 7/8" POZ
 PRODUCTION None

ELECTRICAL SURVEYS
 Tucker Wireline
 Dual Induction
 Dse-Neutron



REFERENCE WELL FOR STRUCTURAL COMPARISON PLANO PETRO CORP., THORPE
1-9, QN/2 NE SW/4 9-28S-16W, 2143 KB.

DATE	DEPTH	DESCRIPTION OF SHOW
6-7-2011	460' set surface	
6-8-2011	1160' drlg	
6-9-2011	2031' drlg	
6-10-2011	2735' drlg on loc	
6-11-2011	3380' drlg + DST #1	Surf
6-12-2011	3568' drlg	
6-13-2011	4186' drlg	
6-14-2011	4627' drlg - DST #2	
6-15-2011	4756' DST 3 + 4 + 5	
6-16-2011	4770' RTD - ELOG	

FORMATION	INTERVAL	DESCRIPTION OF SHOW
Bern Lime	3483-3489	10 OK -> 900K
Other Sd	4672-75'	LS. TAN, FN-TAN-ROSS. FR. S. Sd. GRETIC. CIP. SUGAR - 2-3 ft. NW STN + VSSFO. NO OD
Other Sd	4692-94'	Chert tan-yell. - blk. opagr weather: H.S., no odor
Lang - Miss	4690-94'	Chert wh op-darl, fresh, SI weather. w/ blk gnl stn. No lime oil weather
Mississipp	4700-08'	SS wh. tan-grns. w/ 3 w/ blk stn and broken - fig ht bot
Kinderhook Sd	4731-4738'	

DRILLING TIME IN MINUTES
PER FOOT
Rate of Penetration Increases



McLeod05

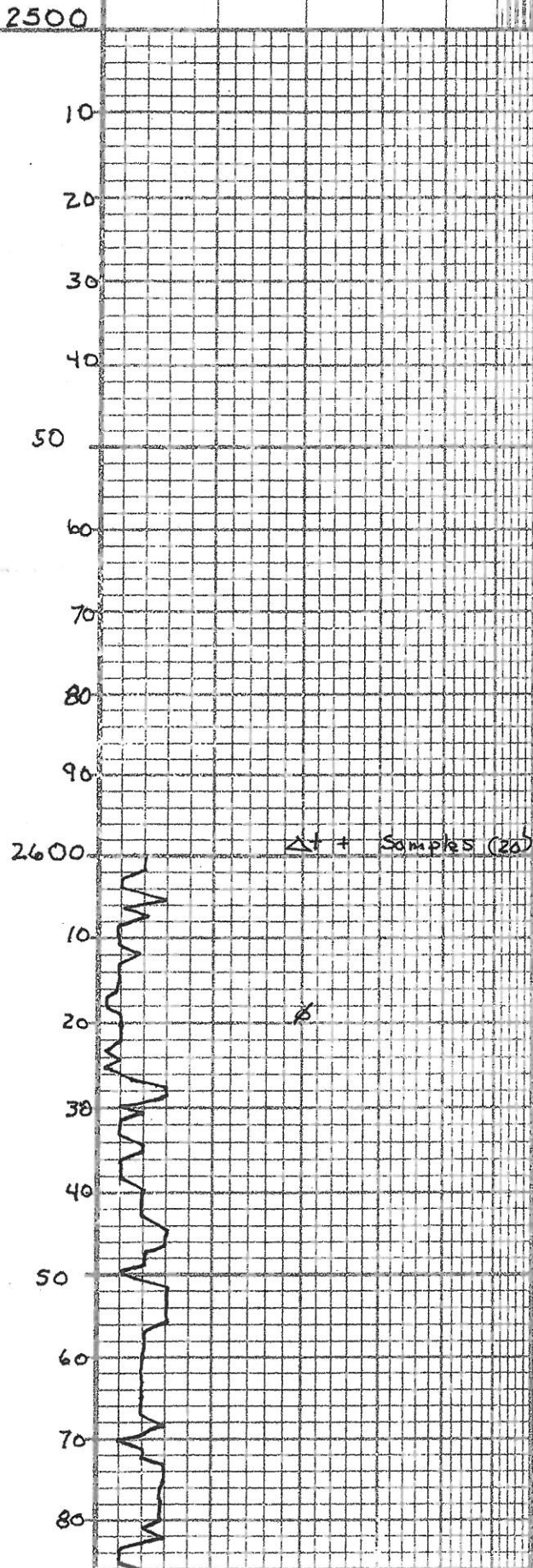
DEPTH
2500

5" 10" 15" 20" 25"

LITHOLOGY

SAMPLE DESCRIPTIONS

REMARKS



2600 Δ + Samples (20)

ls. tan. gray fn-sln
+ foss. gd. N.S. shly

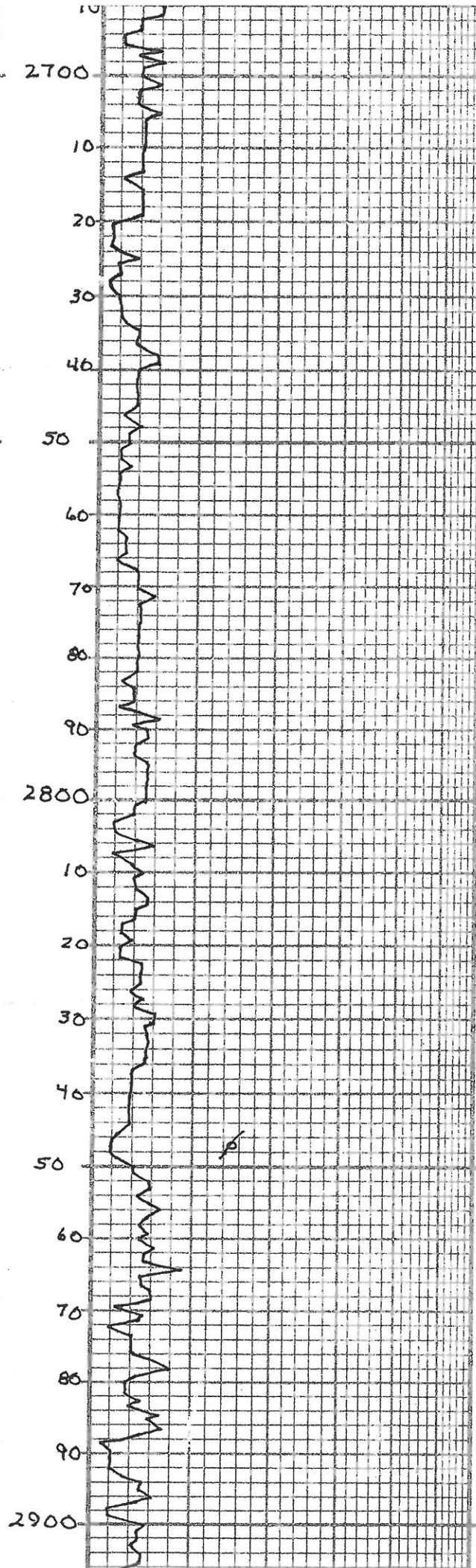
ls. lt tan. gray - foss w/
gd foss. N.S.

ls. tan - gray fn-sln
sh. foss. & dusty tight
N.S.

No KICKS

sh. gray

ls. tan - gray fn-sln
v. sl. foss. tight N.S.



sh. gray - drk gray
sl. - silty

ls. tan - cream. fn - xln + foss.
N.S.

sh. varicolored.

"No sample"

"No sample"

sh. med gray

ls. tan, fn - xln - foss -
tr med. N.S.

ls. cream - tan. fn - xln.
sl. foss - N.S. PR sp

sh - gray - red

sh - gray's

ls. cream - tan. fn - xln -
sl. foss - tight rx - N.S.

ls. tan - gray. fn - xln -
scat. foss p.

sh - gray.

ls. cream, fn - xln. scat. foss
p. chky. N.S.

NO KICKS →

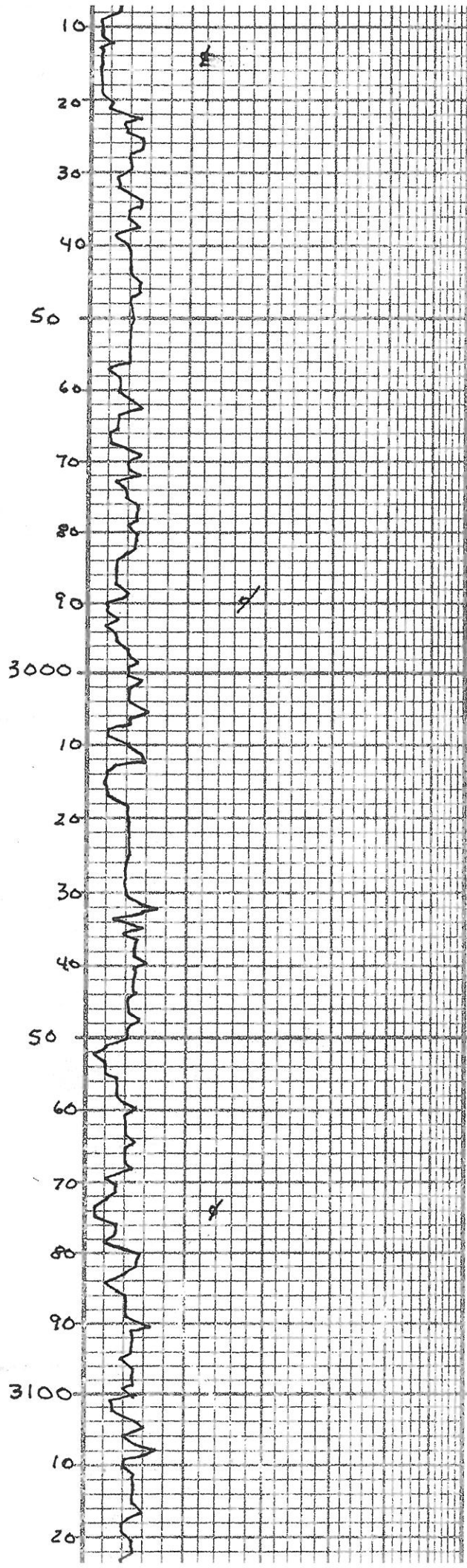
ls. cream - fn - xln. PR foss
p. N.S. chky

ls. cream - tan. fn - xln. foss
w/ sl. foss p. N.S.
sl. chky

sh. gray - red

sh. gray - red - brick

ls. tan. fn - xln. sl. foss



ls. tan - gry. foss w/gd
foss. N.S.

ls. tan. sl. foss - N.S.

sh. gry - blk.

ls. tan. fn - xln. sl. foss
tight rx - N.S.

shly - gry's.

ls. Crm. tan. fn - xln +
foss - fr matt - N.S.

sh. varicolored - blk

ls. tan, fn - xln. foss +
Cherty w/ foss - N.S.

ls. tan. fn - xln. sl. foss
tight rx - N.S.

sh. gry - varicolored

sh. varicolored

ls. tan - fn - xln - dsr, pr.
N.V.D. N.S.

ls. tan. dsr, N.V.D. N.S.

NO KICKS -

sh. dk gry

shly.

ls. tan. fn - xln. sl.
foss - r. poor spl. d

ls. Crm - tan. foss w/
f. gd. N.S.

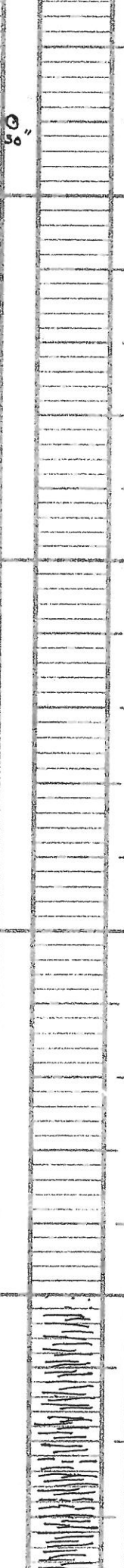
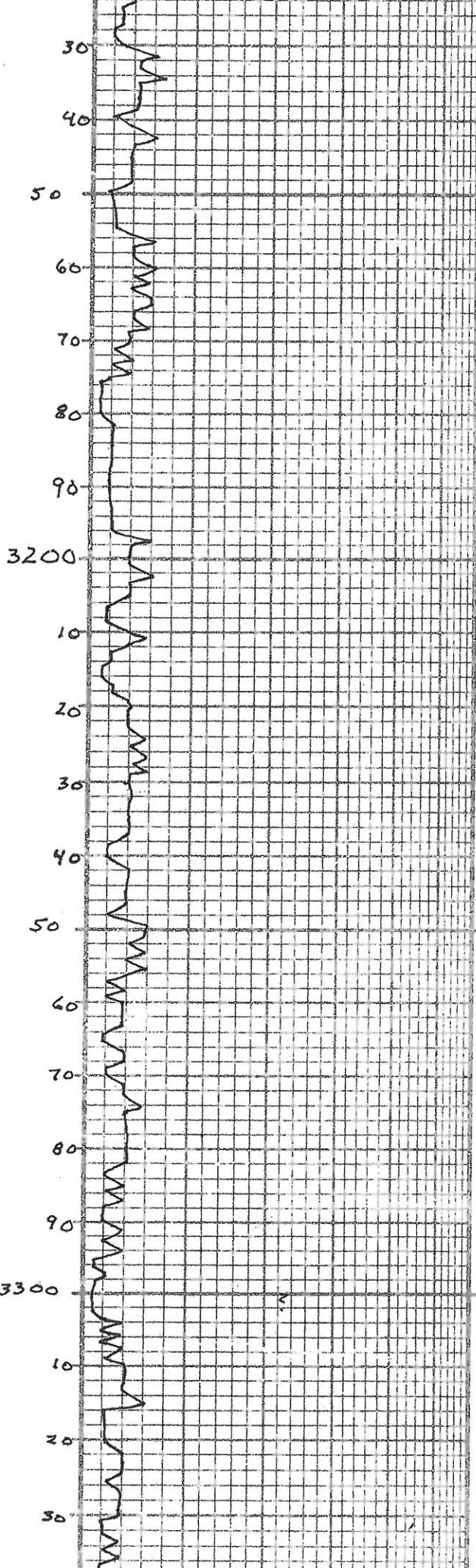
ls. tan. fn - xln tight
N.S.

sh. gry - red

ls. tan. fn - xln. sl. foss
N.S.

ls. tan. fn - xln. foss
N.S.

No Kicks



Ls. Com. tan. fa-xln. foss
 w/ fr. qd. foss. N.S.
 few pc's of flour. NO Kick

sh. grey-yd

Ls. tan. fa-xln. tight
 N.S.

sh. varicolored
 some silty sh.

Ls. tan + lt. brn.
 fa-xln. tight pr
 - NUB N.S.

Ls. fa-xln. - dse, NUB
 N.S.

Ls + sh - N.S.

sh. varicolored

Ls. Com. fa-xln. fr
 foss. N.S.

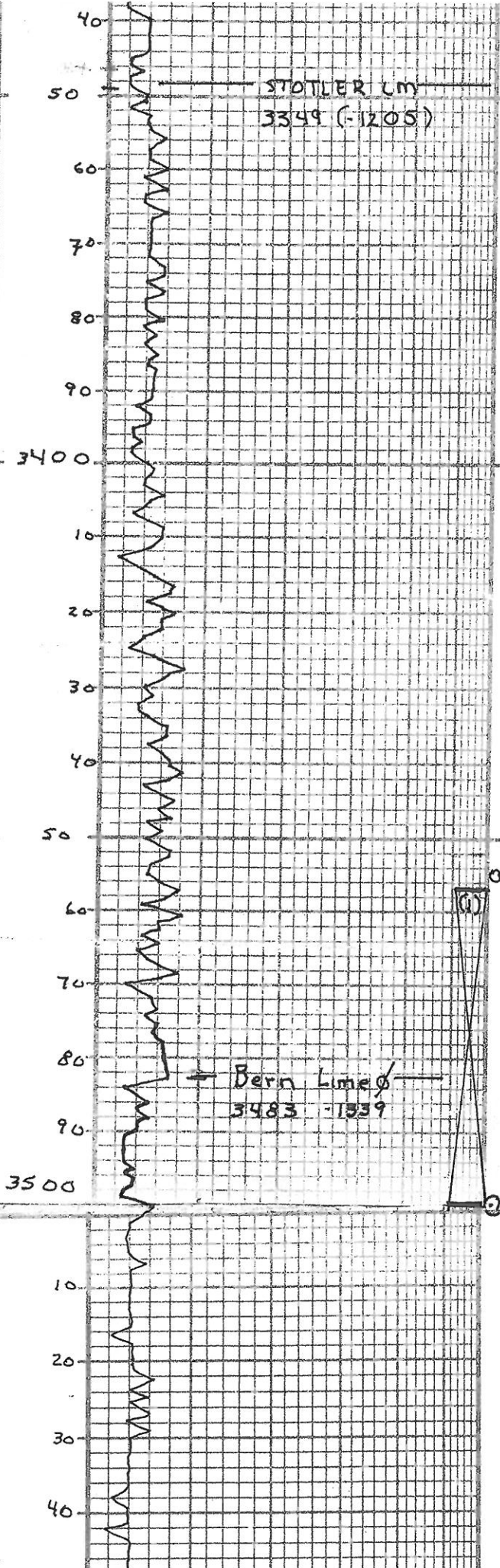
Ls. Com. fa-xln. fr
 foss. N.S.

fr sd grains mostly
 sh.

sh. grey. varicolored

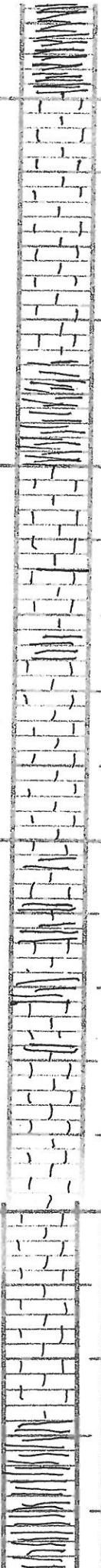
sh. grey - varicolored

also kick



STOTLER LM
3349 (-1205)

Bern Lime
3483 -1339



Ls. Crm - tan, fn-xln
N.S.

Ls. Crm - tan, fn-xln
sl. foss. N.S.

Ls. tan, fn-xln, sl. mod
N.S.

sh. gry-mar.

Ls. Cream, fn-xln +
sl. foss. N.S. NK.

SHALE Gry-Red-mar

Ls. lt tan, fn-xln, sl
foss. pr. N.S. NK

Ls. tan, fn-xln, sl.
foss.

shly. gry-red

Ls. tan - slty; Gry. foss
w/ fr. foss. N.S. scatt
dull to bright flour

Ls. tan, fn-xln, foss w/
scatt foss. slight
flour.

Ls. tan, fn-xln - sl;
foss w/ pr. fr. N.S.

sh-gry-fr red

No kicks

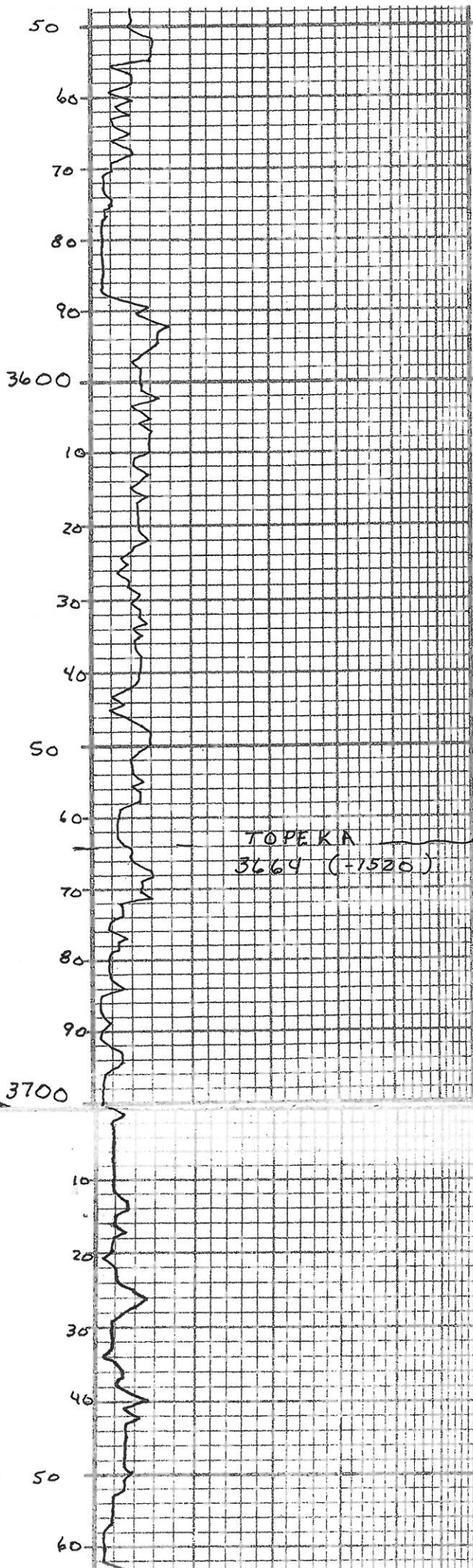
No Kicks

mud up - 3455'

10 UNIT INC.

20 UNIT INC. FRM A

90 UNITS after circ.



ls. Cream. H. tan, fn-xln, foss w/ fr. foss of N.S.

ls. Tan-Grey. fn-xln. foss sh. Gry

ls. Cream. fn-xln - foss w/ fr. qd of N.S.

ls. Tan. fn-xln. N.S.

ls. tan. fn-xln. Chky N.S.

sh. gry.

ls. tan. Gry. fn-xln Chky N.S.

sh. DRK Gry.

ls. Cream. w/ fr. fn-xln. foss w/ fr. foss of N.S. TR Δ.

ls. Cream. fn-xln + foss w/ fr. qd of, chky, tr Δ

ls. Cream. fn-xln. foss - scatt of. N.S.

ls. tan. fn-xln. foss w/ fr. qd of. tr Δ.

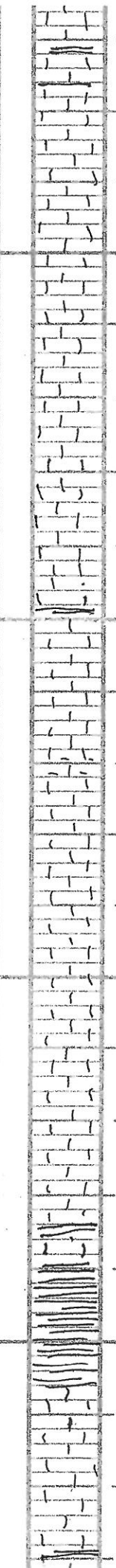
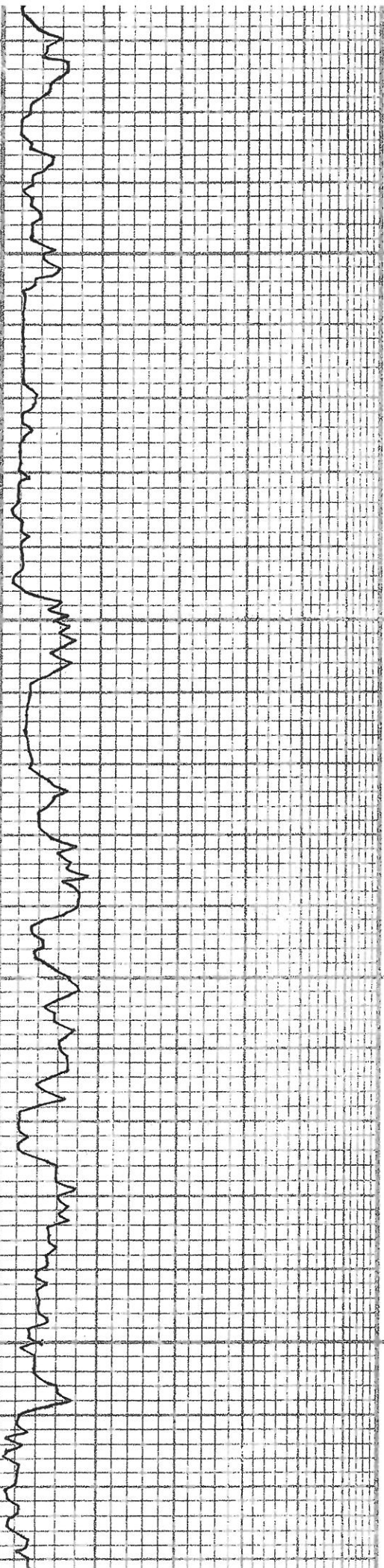
ls. tan, fn-xln, scatt Δ

sh. gry

ls. Cream. fn-xln. foss w/ fr. qd. foss of. N.S. Chky

DST NO.1 3457-3
 WK inc blow to 806
 GTS - 45" - 2nd op
 45" 60" 60" 60"
 Rec: 130' mud
 SIP: 1020 # -102
 FP: 23 # / 45 #
 40 # / 50 #

70
80
90
3800
10
20
30
40
50
60
70
80
90
3900
10
20
30
40
50
60
70
80



sh. gray
ls. Crm. dss, NWD N.E.
Chky

ls. Crm. fn-xln. Chky.

ls. tan. fn-xln. foss
w/ gd foss d. Chky

ls. tan. fn-xln. foss w/
fr-gd g. Chky N.S.

sh. drk Gry - bllc.

ls. tan. fn-xln + foss
foss d. Chky N.S.

shly

ls. tan. fn-xln - 10's
N.S. light

ls. Crm. Gry. fn-xln. slt
foss - Chky - N.S.

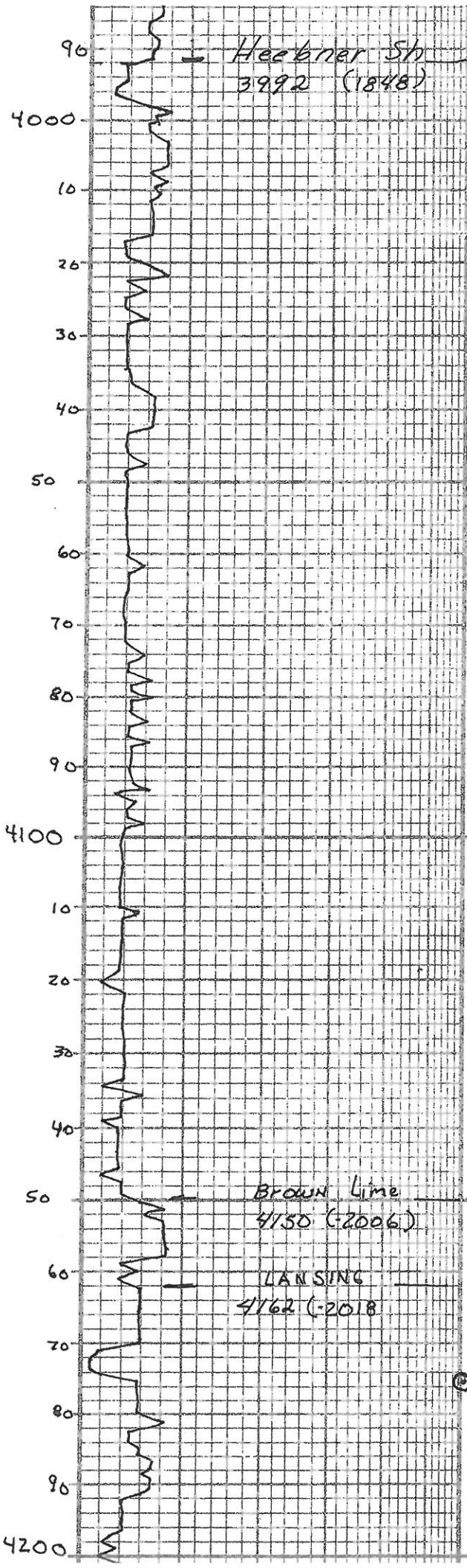
ls. Crm. Gry. fn-xln + foss
w/ f. Vg - foss d. N.S.
Chy

sh. drk Gry.

sh. black Carb

ls. Crm. wh. fn-xln
Vg - ph. Chky
N.S.

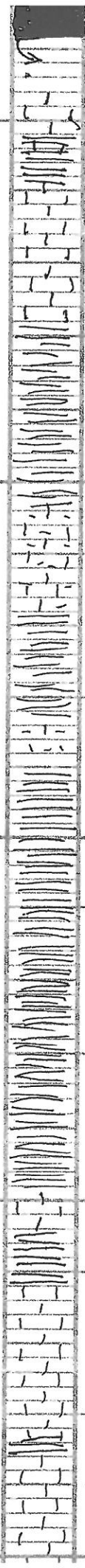
ls. Crm. wh. fn-xln
Vuggy + Chky. N.S.



Heebner Sh
3992 (1848)

Brown Lime
4150 (2006)

LANSING
4162 (2018)



sh. dk grey

sh. blk Carb

ls tan. fn-xln tight
N.S.

sh. gry-mar

ls. brn- wh fn-xln
foss- w/ fr foss to pp
N.S. sli Chky

ls. Com-wh fn-xln
foss- Chky - N.S.

sh. gry sli mic

fr. ls. Com- gry- lt
grn. fn-xln - N.S.

ls 9/16 shly.

ls. med gry + ls
tan. fn-xln from above

sh. med- dk gry

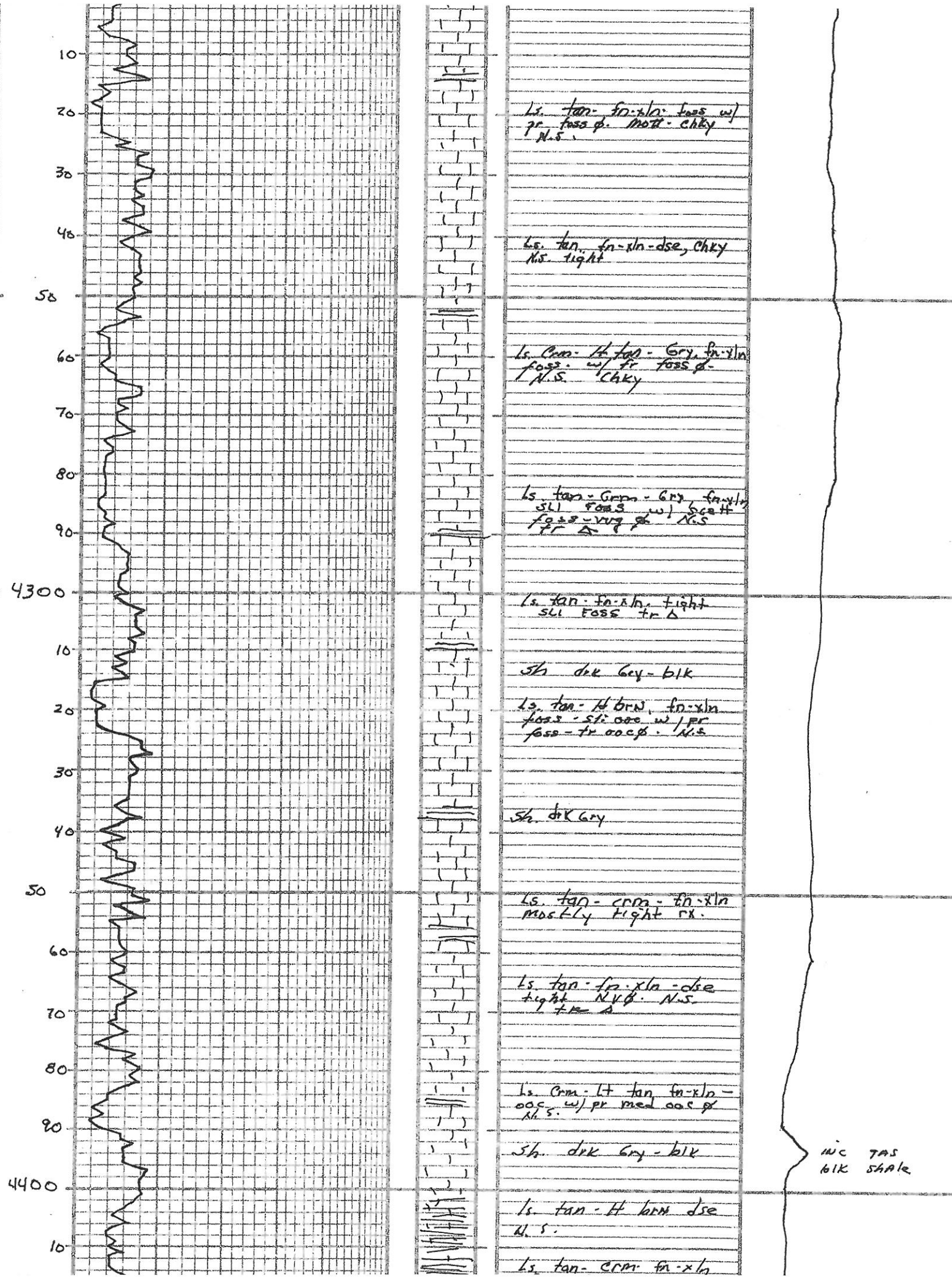
sh. gry's - dk gry
- blk.

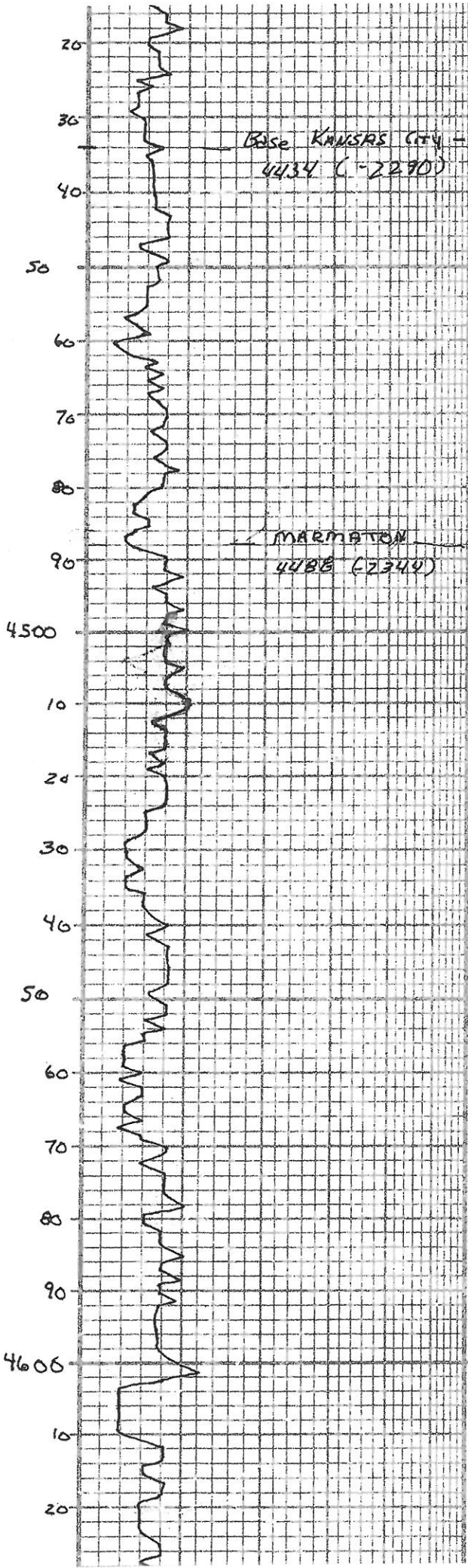
ls. tan- lt brn, dse
N.S.

ls. tan. fn-xln. foss fr
acc. rx. - tight pp. 6
N.S.

ls. tan. fn-xln. sli foss
tight rx. N.S.

ls. tan. fn-xln. foss w/
pr. foss p. N.S. Chky





foss - scatt of N.S.
chky

ls. Crm - tan. fn. xln, scatt
foss of fr asph res & pcs
chky - NO live oil

ls. Crm - tan. fn.
xln - dse, N.V.B. N.S.

sh. gry s - mar

ls. tan - brn - gry. fn. xln
- slt foss - dse, N.V.B. N.S.

ls. tan - fn. xln - dse
Hrd - tight oil, slt
chky N.S.

shly

sh. gry - mar

ls. tan - crm dse, Hrd
tight N.S.

ls. tan - crm - dse, Hrd
N.V.B. N.S.

shly

ls. tan - crm - dse
N.V.B. N.S.

sh. med. drk gry - mar

ls. tan dense, Hrd
TIGHT - N.V.B. N.S.

shly

shly

ls. tan - gry - dse
Hrd - N.V.B. N.S.

ls. tan + gry dse
Hrd - N.V.B. N.S.

sh. gry - blk. carb

ls. tan. fn. xln, tight
slt. foss. N.S.

ls. tan - gry - dse Hrd

DST NO2 4629 -
wk blow 1st oper
no blow 2nd op
30" 60" 30"

Rec: 85' GIP
35' mud

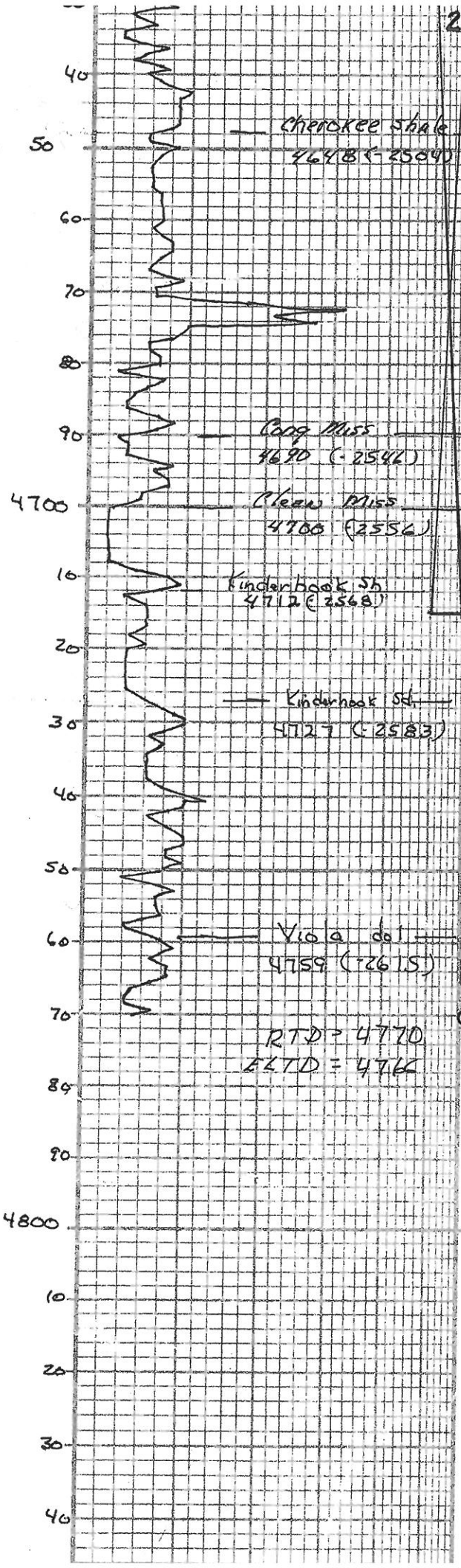
SIP - 83# - 72#
FP - 26' 36" + 32"

DST NO3 4707 -
wk blow 1" 1st
no blow 2nd op
30" 60" 30"

Rec: 15' mud

SIP: 77# - 53#
FP: 25' 28" - 32"

2



Cherokee shale
4648 (2504)

Coog Miss
4690 (2546)

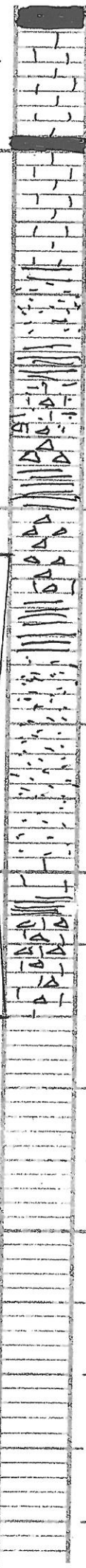
Clear Miss
4700 (2556)

Kinderhook Sh
4712 (2568)

Kinderhook Sh
4727 (2583)

Viola dol
4759 (2615)

RTD = 4770
PLTD = 4776



sh. blk carb
ls. tan, dse, N.V. N.S.
sh. dk. Gray-blk

ls. H tan, fr. sh. scatt
soft thin q. Chk filled
N.S.

fr. sdstone, Nord static, tight
N.S. ls. fr. dlm. + sh.
N.S.

fr. sd sh w/ qtz stn
sh + ls also + pan.
1st cluster w/ qd gran. p.
500-950
shy, yell-reworked op
sharp. N.S.

chert wh op. fresh
N.S. + chert bl. weath w/
blk sil stn.

ss. wh. H gran. VFN grad
friable N.S. - sh. gran
- qtz.

sh. varicolored scatt
S's + fr ss.

ss. wh. gen. fr. grad
clustered. 1 pc w/ bow
stn. No kick
scatt Δ N.S.

sd. wh. H gran. fr. grad
semi. friable, clustered
1 pc w/ stn - No kick

ss. wh. 3-4 pc's w/ blk
stn - TR FO No other

ls. wh. - purk few pc's
of ss. shly

sh - varicolored

ls + dol ls. tan - shy.
fr. op. tight RY
N.S.

NO GAS KICK

100 UK

150 UK

2. 1/2 UK

50 60 70 80 90 4900		LITHOLOGY	SAMPLE DESCRIPTIONS	REMARKS
DEPTH	DRILLING TIME Minutes/Foot 5" 10" 15" 20" 25" ← Rate of Penetration Increases			

COMPANY _____

LEASE _____

ELEVATION: _____

LOCATION _____ SEC _____ TWP _____ RNG _____

COUNTY _____ STATE _____