



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: _____



1058456

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
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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
_____ 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
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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: _____ _____
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Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

June 28, 2011

Leon Rodak
Murfin Drilling Co., Inc.
250 N WATER STE 300
WICHITA, KS 67202-1216

Re: ACO1
API 15-109-20988-00-00
Kuhlman 'D' 2-35
NW/4 Sec.35-12S-32W
Logan County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Leon Rodak



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co. Inc.

Kuhlman D 2-35

250 N. Water STE 300
Wichita, KS 67202

35 12s 32w

Job Ticket: 040593

DST#: 1

ATTN: Bob Stolzle

Test Start: 2011.03.15 @ 05:02:00

GENERAL INFORMATION:

Formation: **LKC D+E**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:54:00

Time Test Ended: 12:48:15

Test Type: Conventional Bottom Hole

Tester: Bradley Walter

Unit No: 40

Interval: 4059.00 ft (KB) To 4100.00 ft (KB) (TVD)

Reference Elevations: 2998.00 ft (KB)

Total Depth: 4100.00 ft (KB) (TVD)

2987.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8360 Outside

Press @ Run Depth: 320.83 psig @ 4060.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.03.15

End Date:

2011.03.15

Last Calib.:

2011.03.15

Start Time:

05:02:05

End Time:

12:48:14

Time On Btm:

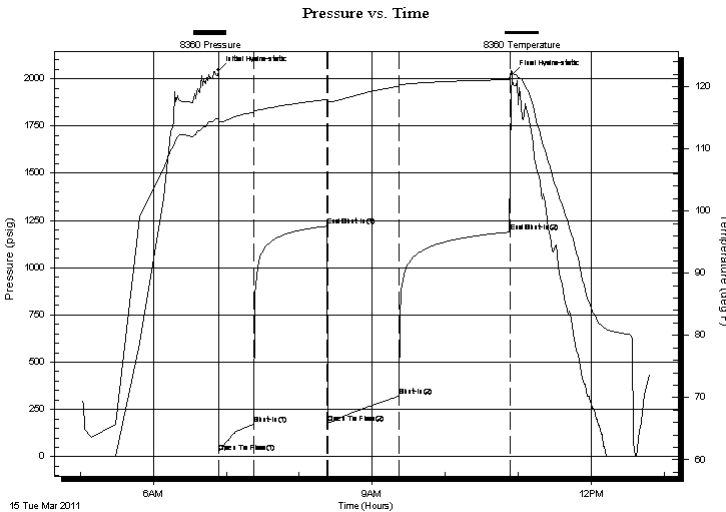
2011.03.15 @ 06:53:45

Time Off Btm:

2011.03.15 @ 10:54:30

TEST COMMENT: IF:BOB @ 16 minutes.
IS: 3 1/2 inch blow reced to 1 inch.
FF: BOB @ 16 minutes.
FS: No return blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2043.96	114.95	Initial Hydro-static
1	25.39	114.19	Open To Flow (1)
29	172.53	115.87	Shut-In(1)
90	1219.80	117.94	End Shut-In(1)
90	177.23	117.56	Open To Flow (2)
149	320.83	120.08	Shut-In(2)
240	1188.71	121.13	End Shut-In(2)
241	2024.06	122.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100% m (heavy)	0.10
630.00	mcw 5% m 95% w	6.83

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co. Inc.

Kuhlman D 2-35

250 N. Water STE 300
Wichita, KS 67202

35 12s 32w

Job Ticket: 040593

DST#: 1

ATTN: Bob Stolzle

Test Start: 2011.03.15 @ 05:02:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

82000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	mud 100%m (heavy)	0.098
630.00	mcw 5%m 95%w	6.833

Total Length: 650.00 ft Total Volume: 6.931 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

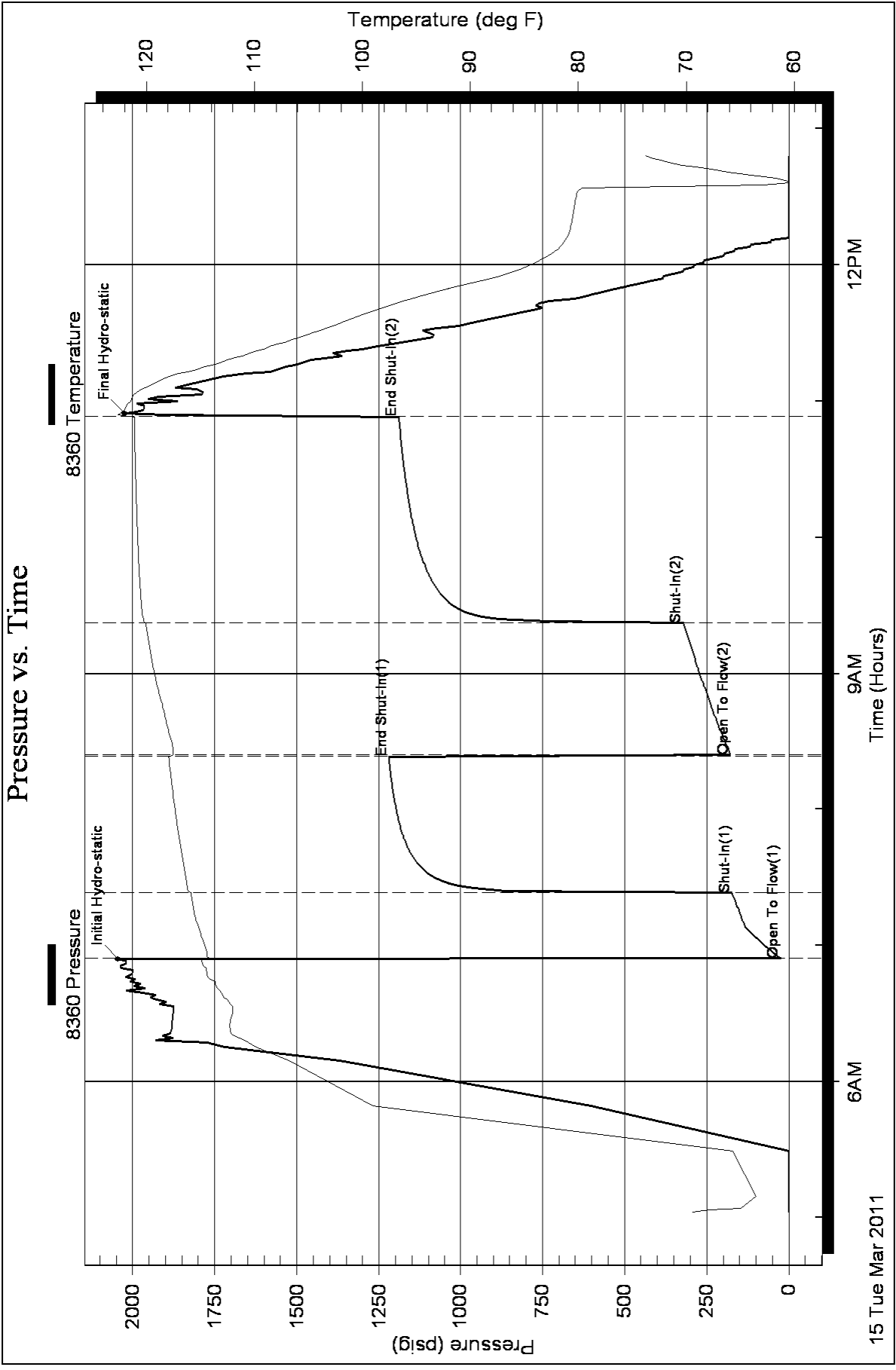
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .090 @ 72.5 F = 82000 ppm

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co. Inc.
250 N. Water STE 300
Wichita, KS 67202
ATTN: Bob Stolzle

Kuhlman D 2-35
35 12s 32w
Job Ticket: 040598 **DST#: 2**
Test Start: 2011.03.15 @ 23:52:00

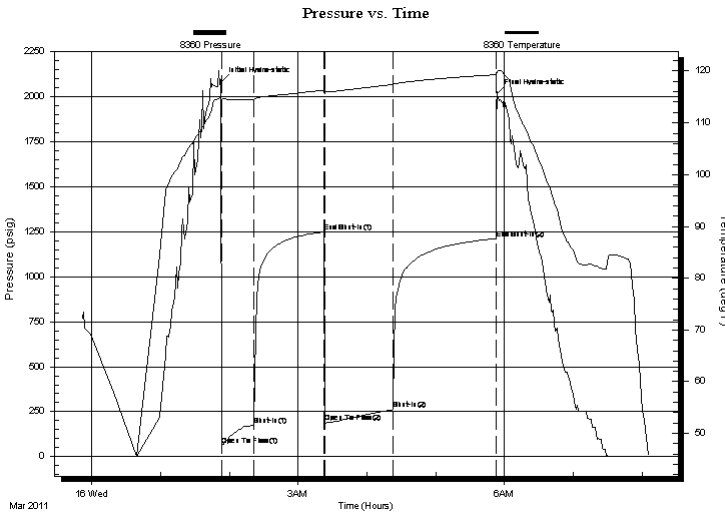
GENERAL INFORMATION:

Formation: **LKC " F G H"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:53:15
 Time Test Ended: 08:07:00
 Interval: **4096.00 ft (KB) To 4195.00 ft (KB) (TVD)**
 Total Depth: 4100.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Bradley Walter
 Unit No: 40
 Reference Elevations: 2998.00 ft (KB)
 2987.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8360 Outside
 Press @ Run Depth: 262.46 psig @ 4097.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.03.15 End Date: 2011.03.16 Last Calib.: 2011.03.16
 Start Time: 23:52:05 End Time: 08:06:59 Time On Btm: 2011.03.16 @ 01:53:00
 Time Off Btm: 2011.03.16 @ 05:54:00

TEST COMMENT: IF: BOB 20 minutes.
 IS: No return blow .
 FF: BOB 27 minutes.
 FS: No return blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2085.02	115.09	Initial Hydro-static
1	60.52	113.99	Open To Flow (1)
29	176.46	114.55	Shut-In(1)
90	1249.58	116.31	End Shut-In(1)
90	189.58	115.63	Open To Flow (2)
150	262.46	117.40	Shut-In(2)
240	1212.27	119.30	End Shut-In(2)
241	2018.03	119.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100% m (heavy/ oil spots)	0.10
228.00	mcw 15% m 85% w	1.19
176.00	ow cm 5% o 30% w 65% m	2.47
60.00	go 20% g 80% o	0.84
0.00	80ft GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co. Inc.

Kuhlman D 2-35

250 N. Water STE 300
Wichita, KS 67202

35 12s 32w

Job Ticket: 040598

DST#: 2

ATTN: Bob Stolzle

Test Start: 2011.03.15 @ 23:52:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 6.40 in³
Resistivity: ohm.m
Salinity: 1200.00 ppm
Filter Cake: 2.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 38 deg API
Water Salinity: 62000 ppm

Recovery Information

Recovery Table

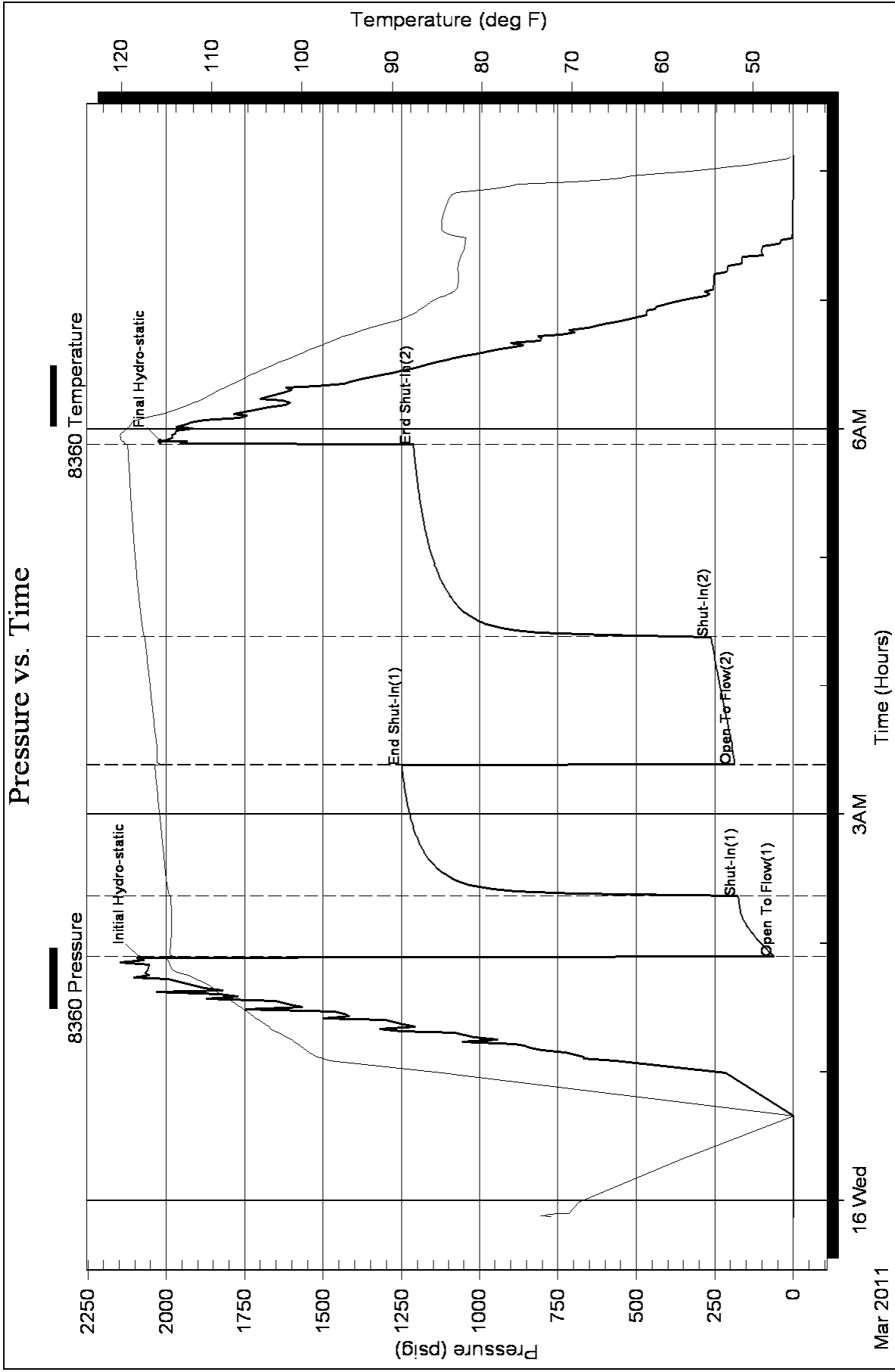
Length ft	Description	Volume bbl
20.00	mud 100%m (heavy/ oil spots)	0.098
228.00	mcw 15%m 85%w	1.194
176.00	ow cm 5%o 30%w 65%m	2.469
60.00	go 20%g 80%o	0.842
0.00	80ft GIP	0.000

Total Length: 484.00 ft Total Volume: 4.603 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: rw is .142@ 62 F = 62000 ppm





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co. Inc.

Kuhlman D 2-35

250 N. Water STE 300
Wichita, KS 67202

35 12s 32w

Job Ticket: 040597

DST#: 3

ATTN: Bob Stolzle

Test Start: 2011.03.16 @ 17:26:00

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:06:15

Time Test Ended: 01:13:45

Test Type: Conventional Bottom Hole

Tester: Bradley Walter

Unit No: 40

Interval: 4215.00 ft (KB) To 4245.00 ft (KB) (TVD)

Reference Elevations: 2998.00 ft (KB)

Total Depth: 4100.00 ft (KB) (TVD)

2987.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8360 Outside

Press @ Run Depth: 113.88 psig @ 4216.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.03.16

End Date:

2011.03.17

Last Calib.:

2011.03.17

Start Time:

17:26:05

End Time:

01:13:44

Time On Btm:

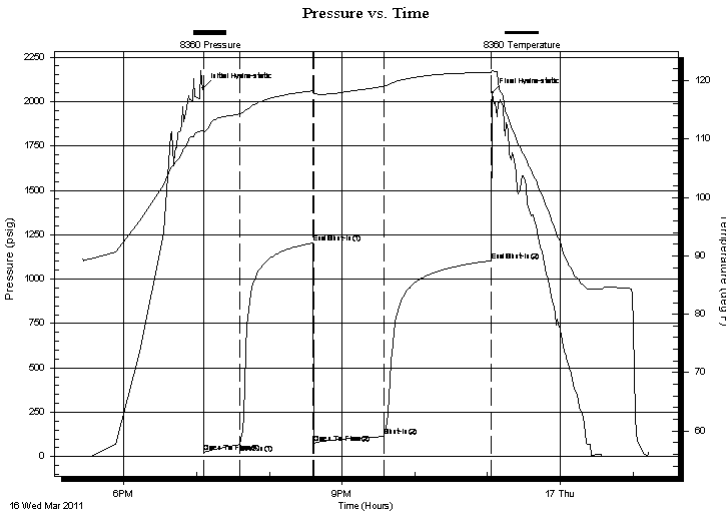
2011.03.16 @ 19:05:45

Time Off Btm:

2011.03.16 @ 23:04:00

TEST COMMENT: IF: BOB @ 14 minutes.
IS: No return blow.
FF: BOB @ 15 minutes.
FS: No return blow.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2077.41	111.66	Initial Hydro-static
1	23.46	111.06	Open To Flow (1)
30	68.22	114.35	Shut-In(1)
91	1203.37	118.25	End Shut-In(1)
92	77.41	117.87	Open To Flow (2)
149	113.88	119.08	Shut-In(2)
237	1103.37	121.40	End Shut-In(2)
239	2048.71	121.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	gocm 10%g 30%o 60%m	0.44
165.00	gmco 30%g 5%m 65%o	0.95

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co. Inc.

Kuhlman D 2-35

250 N. Water STE 300
Wichita, KS 67202

35 12s 32w

Job Ticket: 040597

DST#: 3

ATTN: Bob Stolzle

Test Start: 2011.03.16 @ 17:26:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
90.00	gocm 10%g 30%o 60%m	0.443
165.00	gmco 30%g 5%m 65%o	0.948

Total Length: 255.00 ft

Total Volume: 1.391 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

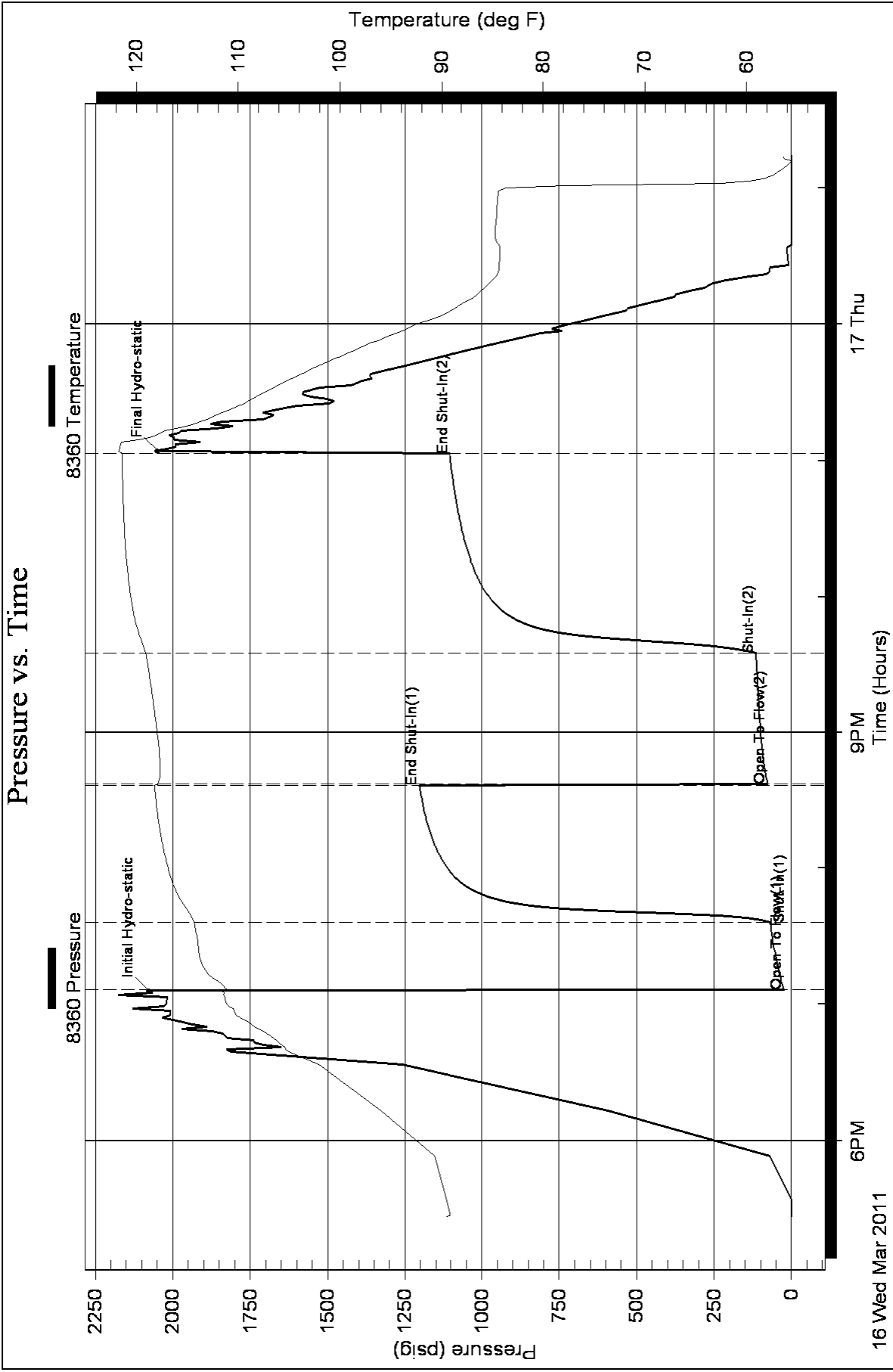
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Co. Inc.

Kuhlman D 2-35

250 N. Water STE 300
Wichita, KS 67202

35 12s 32w

Job Ticket: 040598

DST#: 4

ATTN: Bob Stolzle

Test Start: 2011.03.18 @ 09:10:30

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:55:15

Time Test Ended: 17:54:45

Test Type: Conventional Bottom Hole

Tester: Bradley Walter

Unit No: 40

Interval: 4555.00 ft (KB) To 4595.00 ft (KB) (TVD)

Reference Elevations: 2998.00 ft (KB)

Total Depth: 4595.00 ft (KB) (TVD)

2987.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8360 Outside

Press @ Run Depth: 585.33 psig @ 4556.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.03.18

End Date:

2011.03.18

Last Calib.:

2011.03.18

Start Time: 09:10:35

End Time:

17:54:45

Time On Btm:

2011.03.18 @ 10:55:00

Time Off Btm:

2011.03.18 @ 14:27:00

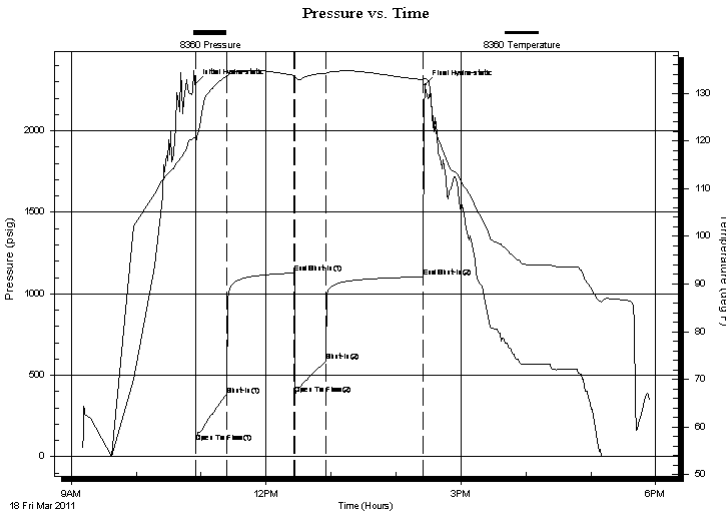
TEST COMMENT: IF BOB @ 2 1/4 minutes.

ISI: BOB @ 11 minutes.

FF: BOB @ 3 minutes.

FSI BOB @ 16 minutes.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2288.96	120.79	Initial Hydro-static
1	90.11	119.44	Open To Flow (1)
29	378.72	133.47	Shut-In(1)
91	1127.66	133.72	End Shut-In(1)
92	386.44	133.46	Open To Flow (2)
120	585.33	134.19	Shut-In(2)
211	1104.32	132.82	End Shut-In(2)
212	2281.87	133.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1550.00	go 40%g 60%o	19.56
0.00	1426 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co. Inc.

Kuhlman D 2-35

250 N. Water STE 300
Wichita, KS 67202

35 12s 32w

Job Ticket: 040598

DST#: 4

ATTN: Bob Stolzle

Test Start: 2011.03.18 @ 09:10:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

28 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
1550.00	go 40%g 60%o	19.556
0.00	1426 GIP	0.000

Total Length: 1550.00 ft Total Volume: 19.556 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

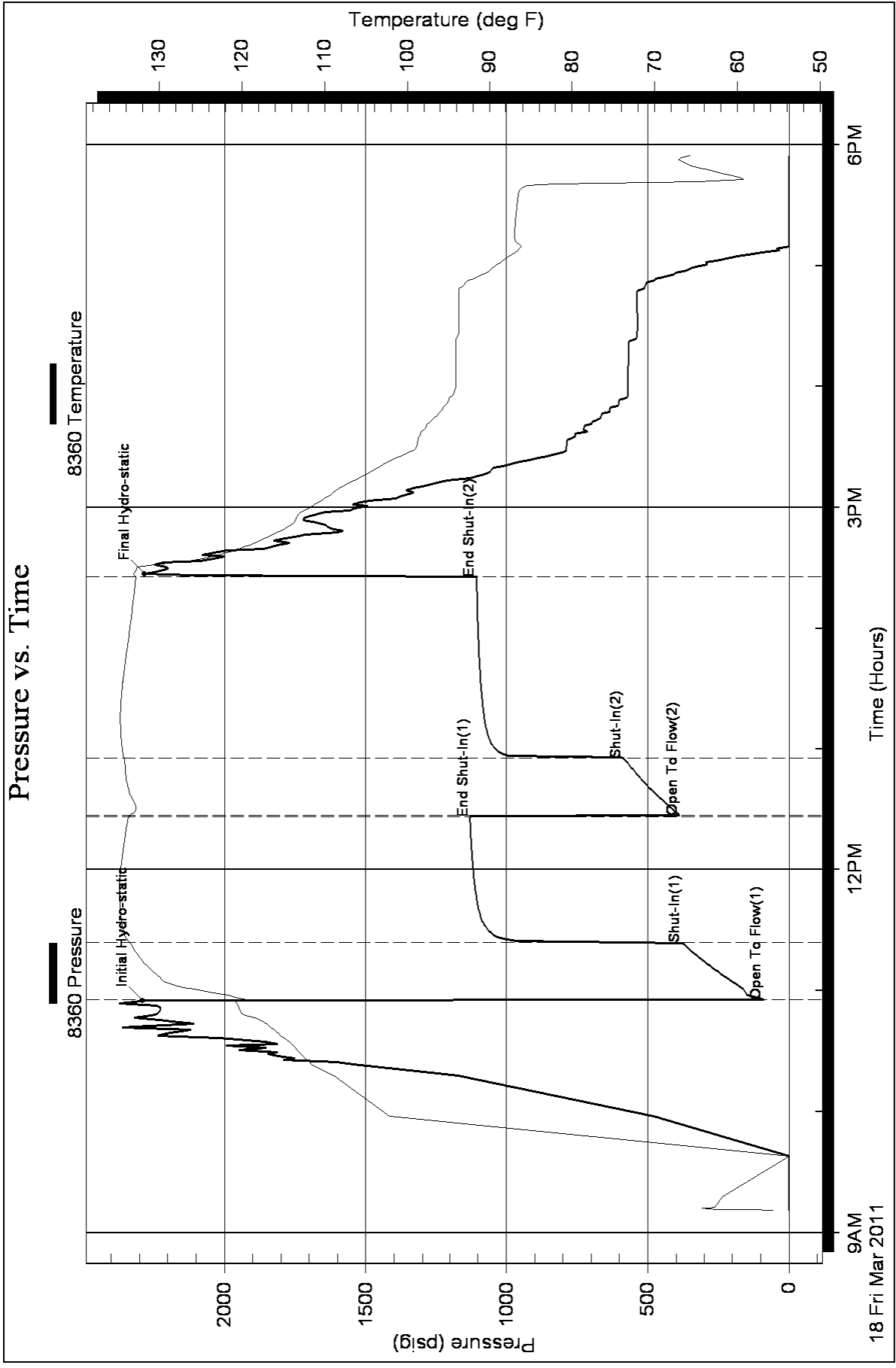
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Dropped Bar after 8 stands, circulated until mud, 10 bbf's on truck.

Pressure vs. Time



		MDCI Kuhlman 'D' #2-35 335' FNL 765' FWL Sec. 35-T12S-R32W 2998' KB					MDCI Kuhlman 'D' #1-35 335' FNL 2200' FWL Sec. 35-T12S-R32W 2990' KB		
Formation	SampleTops	Datum	Ref	Log Tops	Datum	Ref	Log Tops	Datum	
Anhydrite	2510	+488	+3	2508	+490	+5	2505	+485	
B/Anhydrite	2535	+463	+1	2533	+465	+3	2528	+462	
Topeka	3742	-744	+8	3754	-756	-4	3742	-752	
Heebner	3974	-976	+3	3984	-986	-7	3969	-979	
Lansing	4016	-1018	+4	4028	-1030	-8	4012	-1022	
Stark	4257	-1259	-8	4255	-1257	-6	4241	-1251	
Up Pawnee	4460	-1462	-2	4456	-1458	+2	4450	-1460	
Ft. Scott	4508	-1510	-2	4508	-1510	-2	4498	-1508	
Johnson	4577	-1579	+3	4576	-1578	+3	4571	-1581	
Mississippi	4653	-1655	-25	4657	-1659	-29	4620	-1630	
RTD	4710						4730		
LTD				4712			4704		



*Exp
acct.*

24 S. Lincoln Street
P.O. Box 31
Russell, KS 67665-2906
Voice: (785) 483-3887
Fax: (785) 483-5566

INVOICE

Invoice Number: 126478
Invoice Date: Mar 11, 2011
Page: 1

PROD COPY

Bill To:
Murfin Drlg. Co., Inc.
250 N. Water
STE #300
Wichita, KS 67202

Federal Tax I.D.#: 20-5975804

mpc/B37

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Murfin	Kuhlman D #2-35	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Mar 11, 2011	4/10/11

Quantity	Item	Description	Unit Price	Amount
170.00	MAT	Class A Common	15.45	2,626.50
5.00	MAT	Chloride	58.20	291.00
50.00	MAT	Flo Seal	2.50	125.00
175.00	SER	Handling	2.40	420.00
10.00	SER	Mileage 175 sx @ .10 per sk per mi	17.50	175.00
1.00	SER	Surface	1,018.00	1,018.00
10.00	SER	Pump Truck Mileage	7.00	70.00

OKM

QTY	UNIT	NO.	AMOUNT	DESCRIPTION
03600	021	40	3875	49447.00 (1653.92) Cement S.C.

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 1653.92

ONLY IF PAID ON OR BEFORE
Apr 5, 2011

Subtotal	4,725.50
Sales Tax	222.10
Total Invoice Amount	4,947.60
Payment/Credit Applied	
TOTAL	4,947.60

1653.92
3293.68

ALLIED CEMENTING CO., LLC. 039788

Federal Tax I.D.# 20-5975804

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

SERVICE POINT
Oakley

DATE <i>3-11-11</i>	SEC <i>35</i>	TWB <i>125</i>	RANGE <i>971</i> <i>15-109-20988</i>	CALLED OUT <i>2:00</i>	ON LOCATION <i>3:00</i>	JOB START <i>3:30</i>	JOB FINISH <i>9:00</i>
LEASE <i>Kuhlman</i>		WELL # <i>D 2-35</i>	LOCATION <i>335 FNL-765-FW1</i>		COUNTY <i>Logan</i>	STATE <i>Ks</i>	

OLD OR NEW (Circle one)

CONTRACTOR *MarFin 21* OWNER *MarFin*

TYPE OF JOB _____
 HOLE SIZE *12 1/4* T.D. *240*
 CASING SIZE *8 3/8* DEPTH *225*
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. *15 FT*
 PERFS. _____
 DISPLACEMENT _____

CEMENT AMOUNT ORDERED *170 a + 3% Cal*
.25% Flo Seal

EQUIPMENT

PUMP TRUCK CEMENTER *Jamie Mills*
 # *431* HELPER *Jarven*
 BULK TRUCK _____
 # *904* DRIVER *Jerry*
 BULK TRUCK _____
 # _____ DRIVER _____

COMMON <i>170</i>	@ <i>15.45</i>	<i>2626.50</i>
POZMIX _____	@ _____	_____
GEL _____	@ _____	_____
CHLORIDE _____	@ _____	_____
ASC _____	@ _____	_____
<i>Calcium 5</i>	@ <i>58.40</i>	<i>291.00</i>
<i>Flo Seal 50</i>	@ <i>2.50</i>	<i>125.00</i>
HANDLING <i>175</i>	@ <i>2.40</i>	<i>420.00</i>
MILEAGE <i>1700</i>	<i>10¢/mile</i>	<i>170.00</i>
<i>Drayage</i>		
TOTAL		<i>3,637.50</i>

REMARKS:

10 801 cem Return
Mod scaled cement
Thank you

SERVICE

DEPTH OF JOB <i>0-300</i>	<i>1018.00</i>
PUMP TRUCK CHARGE _____	_____
EXTRA FOOTAGE _____	@ _____
MILEAGE <i>110</i>	@ <i>20.00</i>
MANIFOLD _____	@ _____
_____	@ _____
_____	@ _____

TOTAL *1088.00*

CHARGE TO: *MarFin*
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<i>swedge Rental</i>	@ _____	<i>N/C</i>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____

TOTAL _____

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME *Juan Tinoco*

SIGNATURE *Juan Tinoco*

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS



P. O. Box 466
 Ness City, KS 67560
 Off: 785-798-2300



Invoice

DATE	INVOICE #
3/24/2011	19629

BILL TO
Murfin Drilling Co Inc PO Box 661 Colby, KS 67701-0661

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2-35	Kuhlman	Logan	Murfin Drilling	Oil	Development	Port Collar	Dave

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	80	Miles	5.00	400.00
576D-D	Pump Charge - Port Collar	1	Job	1,100.00	1,100.00
290	D-Air	3	Gallon(s)	35.00	105.00T
330	Swift Multi-Density Standard (MIDCON II)	175	Sacks	15.00	2,625.00T
276	Flocele	200	Lb(s)	1.50	300.00T
581D	Service Charge Cement	400	Sacks	1.50	600.00
583D	Drayage	1,601.6	Ton Miles	1.00	1,601.60
	Subtotal				6,731.60
	Sales Tax Logan County			7.80%	236.34

USED FOR NEW WELL
 APPROVED JTB

We Appreciate Your Business!	Total	\$6,967.94
-------------------------------------	--------------	------------



CHARGE TO: MURKIN DRILL
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
 19629

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>H485</u>	WELL/PROJECT NO. <u>235</u>	LEASEE <u>Wickman</u>	COUNTY/PARISH <u>Logan</u>	STATE <u>KS</u>	CITY	DATE <u>03-24-11</u>	OWNER
2. <u>Ness</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <u>Blues</u>	SHIPPED VIA <u>ET</u>	DELIVERED TO <u>S. OWLEY</u>	ORDER NO.	
3.	WELL TYPE <u>DIC</u>	WELL CATEGORY <u>Deeleg</u>	JOB PURPOSE <u>Bit Crown</u>	WELL PERMIT NO.		WELL LOCATION	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>575</u>					MILEAGE #112	<u>80</u>	<u>mi</u>			<u>5.00</u>	<u>400.00</u>
<u>576.D</u>					<u>Drugs Service</u>	<u>1</u>	<u>EA</u>			<u>100.00</u>	<u>100.00</u>
<u>290</u>					<u>Drill</u>	<u>3</u>	<u>Lot</u>			<u>35.00</u>	<u>105.00</u>
<u>330</u>					<u>Small Cont</u>	<u>125</u>	<u>SI</u>			<u>15.00</u>	<u>1875.00</u>
<u>276</u>					<u>FDCEE</u>	<u>200</u>	<u>LB</u>			<u>1.50</u>	<u>300.00</u>
<u>581</u>					<u>Service Charge Cont</u>	<u>400</u>	<u>EA</u>			<u>1.50</u>	<u>600.00</u>
<u>583</u>					<u>Drill</u>	<u>1601</u>	<u>Botm</u>			<u>1.00</u>	<u>1601.00</u>

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	6731	60
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?						
WE UNDERSTOOD AND MET YOUR NEEDS?						
OUR SERVICE WAS PERFORMED WITHOUT DELAY?						
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?						
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO				
TOTAL	<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			6967	94	

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR: Davis APPROVAL: Davis
 DATE SIGNED: 03/24/11 TIME SIGNED: 10:00 A.M. P.M.
 Legan TAX 71896
 23634
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 02-24-11 PAGE NO. 1

CUSTOMER MURPHY DRUG WELL NO. 235 LEASE KUHLMAN JOB TYPE PORT COLLAR TICKET NO. 19629

CHART NO.	TIME	RATE (BPM)	VOLUME (BBU) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1000							ON LOCATION
								CMT 1 400 SIS S.M.D. 1/2" FLOCEL
								2 1/8 x 5/8
								PORT COLLAR @ 2558 KB11"
	1200			-	-	1000	1000	PSI TEST
								OPEN PL
	1210	3.0	3.0	✓		500		7M RATE
	1215	3.0	0	✓		500		START RIG MUD
		4.0	2.0	✓		250		CIRC. OUT 8 3/8
			25.0	✓				END MUD
			5.0	✓				H2O
			0	✓				START CMT @ 112"
			85.0	✓				CIRC. CMT 1 MIX DO @ 14"
			90.0	✓				END CMT
	1300		90	-				DISP
	1305							CLOSE PL
	1308			-	-	1000	1000	PSI TEST
								RUN IN 5 MIN
	1330	3.0	0	-		400		REV. OUT
			9.5	✓		300		1ST FLG
			14.5	✓		300		2ND FLG
	1330		30.0	✓		300		ALL CLEAN
	1400							JOB COMPLETE
								THANK YOU!
								DAVE, JIMMY, ROB

SWIFT



Services, Inc.

P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
3/19/2011	19625

BILL TO
Murfin Drilling Co Inc - Russell P. O. Box 288 Russell, KS 67665-0288

- Acidizing
- Cement
- Tool Rental

USED FOR NEW WELL
APPROVED [Signature]

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2-35	Kuhlman D	Logan	Murfin Drilling #21	Oil	Development	LongString	Dave
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	5.00	400.00
578D-L	Pump Charge - Long String				1	Job	1,400.00	1,400.00
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
280	Flocheck 21				500	Gallon(s)	2.50	1,250.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
402-5	5 1/2" Centralizer				12	Each	65.00	780.00T
403-5	5 1/2" Cement Basket				2	Each	230.00	460.00T
404-5	5 1/2" Port Collar				1	Each	2,100.00	2,100.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	225.00	225.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	300.00	300.00T
413-5	5 1/2" Roto Wall Scratcher				20	Each	40.00	800.00T
419-5	5 1/2" Rotating Head Rental				1	Each	150.00	150.00T
325	Standard Cement				225	Sacks	12.00	2,700.00T
276	Flocele				56	Lb(s)	1.50	84.00T
283	Salt				1,125	Lb(s)	0.15	168.75T
284	Calseal				11	Sack(s)	30.00	330.00T
285	CFR-1				150	Lb(s)	4.00	600.00T
581D	Service Charge Cement				225	Sacks	1.50	337.50
583D	Drayage				943.24	Ton Miles	1.00	943.24
	Subtotal							13,198.49
	Sales Tax Logan County						7.80%	789.18
We Appreciate Your Business!						Total	\$13,987.67	



TICKET
19625

PAGE 1 OF 2

CHARGE TO: MARSHALL
 ADDRESS:
 CITY, STATE, ZIP CODE:

1. SERVICE LOCATIONS <u>HAYS</u>	WELL/PROJECT NO. <u>2-35</u>	LEASE <u>Northman D</u>	COUNTY/PARISH <u>Logan</u>	STATE <u>KS</u>	CITY <u>Logan</u>	DATE <u>03-19-11</u>	OWNER
2. <u>NESS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED BY <u>MA</u>	DELIVERED TO <u>S. DAVLEY</u>	ORDER NO.	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Deepest</u>	JOB PURPOSE <u>LOOSEMINE</u>	WELL PERMIT NO. <u>15-108-20988</u>	WELL LOCATION <u>5357 12.832</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
525					MILEAGE #12	80	mi			5.00	400.00
578					Pump Services	1	ea			1400.00	1400.00
281					Labor	4	hrs			25.00	100.00
280					FECHER 21	500	gals			2.50	1250.00
402					D-Air	2	wh			35.00	70.00
403					CERTAIN	12	ea		54.16	65.00	780.00
404					Basin	2	ea			230.00	460.00
406					FOR CURB	1	ea			210.00	210.00
407					Archedburied Basin	1	ea			225.00	225.00
413					Zusser Acoustic "Landscape"	1	ea			300.00	300.00
414					Rockler Satcher	2	ea			40.00	80.00
					Acoustic Blank	1	ea			150.00	150.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X Kellin O'Connell DATE SIGNED 03-19-11 TIME SIGNED 1800 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY
 OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
 WE UNDERSTOOD AND MET YOUR NEEDS?
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
 ARE YOU SATISFIED WITH OUR SERVICE?

CUSTOMER DID NOT WISH TO RESPOND

AGREE UN-DECIDED DIS-AGREE

PAGE TOTAL 5168 SUB TOTAL 13,198.49 TAX 789.18 TOTAL 13,987.67

SWIFT OPERATOR Dave Asit APPROVAL

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You!



PO Box 466
 Ness City, KS 67560
 Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 15625

CUSTOMER *MURKIN DRILL*

WELL *235* *MILLMAN*

DATE *03-19-11*

PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		QTY		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			UM	UM	UM	UM		
325		2				STN EA 2	225	SY			12.00	2700.00
276		2				FLOCCS	56	LB			1.50	84.00
283		2				SALT	1125	LB			.45	506.25
284		2				CRSSEZ	11	SY			30.00	330.00
285		2				GR-1	150	LB			4.00	600.00
581		2				SERVICE CHG CAT	225	SY			1.50	337.50
583		2				DAMAGE	943.24	TM			1.00	943.24
SERVICE CHARGE												
MILEAGE CHARGE												
TOTAL WEIGHT												
LOADED MILES												
CUBIC FEET												
TON MILES												
CONTINUATION TOTAL												5163.49

JOB LOG

SWIFT Services, Inc.

DATE 03-18-11 PAGE NO. 1

CUSTOMER MURPHY-DRLG WELL NO. 2-35 LEASE HUNKMAN-D JOB TYPE LONGSTAING TICKET NO. 19625

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1800							ONLOCATION
								CMT: 2LS STD EA-2
								RFD 4710, SET PIPE 4707, ST 43.59, TRUSSET 4663
								5 1/2" 12.5 RPT COLLAR ON TOP #51, 2557 FT
								CENT 13, 5, 7, 9, 11, 13, 15, 17, 19, 40-50 BASKET (50-5)
								SCATCHERS 100FT
	1915							START CIRC-FE 1/2 MIN CIRC 20 MIN
	2205							TAG-BOTTOM DROP BALL
	2215							BREAK CIRC - ROTATE PIPE
	2300		7.5					PLUG RH 30, MH 15
	2305	5.0	15		✓		250	HCL FLUSH
			12		✓			FLOCHECK 21 SODIUMS
			5		✓			HCL FLUSH
	2320		45		✓			EA-2 CMT
								DROP 60 PLUG, WASHOUT PL
	2325	6.0	0		-		200	START-RODUP 1/2 DOUBLE HCL
			67		-		300	CMT ON BOTTOM
			95		-		700	LOST CIRC 5.5
			100		-		800	CIRC 1.5 MIN 70
			105		-		900	
	2345	4.5	111		-		1500	LAND PLUG
								RELEASE - DAY
	0030							JOB COMPLETE
								THANK YOU!
								DAVE, JIM, LANE

ROBERT STOLZLE

CONSULTING PETROLEUM GEOLOGIST

MAPS BOX 2244

2071 G. 201st ST., CEDAR RAPIDS, IOWA 52409 (515) 724-2400

DRILLING TIME AND SAMPLE LOG

OPERATOR: **Murfyn Drilling Co., Inc.**

LEASE: **Kuhlman D'** WELL NO.: **2-35**

FIELD: **Wildcat**

LOCATION: **335' ENL, 765' FWL (SW-NE-NW-1/4)**

SEC.: **35** TWP.: **12S** RANGE: **32W**

COUNTY: **Logan** STATE: **KS**

API NO.: **15-109-20988-00-00**

CONTRACTOR: **Murfyn Drilling Co., Rig #21**

COMPLETED: **3/19/11**

LOGARY TOTAL DEPTH: **4710'** LOG TOTAL DEPTH: **4712'**

REGULATORY PERMITS: **3650'** (L.P.D.)

LOG-UP DEPTH: **3190'** AND THE **Chemical Polymer**

FORMATION	LOG DEPTH	LOG TOTAL DEPTH
Stone Corral Anh 2510 (498)	2508 (490)	+5'
Base of Amnindia 2534 (464)	2532 (466)	+4'
Topoka fm.	3752 (754)	-4'
Hobbs sh.	3981 (983)	-7'
Lansing group	4025 (1027)	-8'
Stark shale	4257 (1259)	-5'
Base ks. (71) gp.	4322 (1324)	-10'
Narmaco n. gp.	4350 (1352)	-2'
Payroll ls.	4452 (1454)	+2'
Fe. sc. ls.	4508 (1510)	+3'
Cherokee sh.	4535 (1537)	+1'
Johnson zone	4577 (1579)	+3'
Miss. ss. (pp.)	4653 (1655)	-17'
Total Depth	4710	4710

Measurements are all from (8)

ELEVATIONS

KB **2998'**

CL **2987'**

CASING RECORD

OFFICE: **858" @**

222' C.M.

PRODUCTION: **5 1/2, 15.52**

@4407 W/MSX ER-2

PC @ 2551'

WIRELINE SERVICES

LOG-Tech: Dual

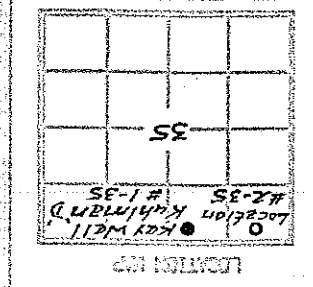
Induction Lamp

Neutron Density

Porosity and Sonic

Microresistivity

Log's were run.



Reference Well for Structural Comparison: **Murfyn Kuhlman D' #1-35 (SW-NE-NW-1/4)**
 Comments and Recommendations: **Recommended Johnson Zone Completion**

DST # 1 ZONE: Lansing DFE Zones
 INTERVAL: 4059'-4100'

Pressures:	Time	Press.
1. Initial Hydrostatic		2044 psi
2. Initial Flow: Start	0	25 psi
3. Initial Flow: End	30	173 psi
4. Initial Shut-in: End	60	1220 psi
5. Final Flow: Start	0	177 psi
6. Final Flow: End	60	321 psi
7. Final Shut-in: End	90	1189 psi
8. Final Hydrostatic		2024 psi

RECOVERY
 630' Mudcut Water
 (5% Mud)
 20' Heavy Mud
 TF-BOB 16 MIN
 TST-3 1/2" 10 MIN
 1" H. 60 MIN
 FF-BOB 16 MIN
 EST-NO Blow
 STRAP .63 long
 to board
 Deviation 3/4"

Rv: .09@72.5°F
Chl. 82,000ppm

DST # 2 ZONE: LKC Y, G & H Zones
 INTERVAL: 4096'-4195'

Pressures:	Time	Press.
1. Initial Hydrostatic		2085 psi
2. Initial Flow: Start	0	61 psi
3. Initial Flow: End	30	176 psi
4. Initial Shut-in: End	60	1250 psi
5. Final Flow: Start	0	190 psi
6. Final Flow: End	60	262 psi
7. Final Shut-in: End	90	1212 psi
8. Final Hydrostatic		2018 psi

RECOVERY
 80' Gas
 60' Gassy Oil (20% gas)
 176' Oil/Water Cut Mud
 (5% Oil, 30% Water)
 228' Mud cut water
 (15% Mud)
 20' Heavy Oil Spotted Mud
 Oil is 38° API

Rv: .142@62°F
Chl. 62,000ppm

DST # 3 ZONE: LKC J Zone
 INTERVAL: 4215'-4245'

Pressures:	Time	Press.
1. Initial Hydrostatic		2077 psi
2. Initial Flow: Start	0	23 psi
3. Initial Flow: End	30	68 psi
4. Initial Shut-in: End	60	1203 psi
5. Final Flow: Start	0	77 psi
6. Final Flow: End	60	114 psi
7. Final Shut-in: End	90	1103 psi
8. Final Hydrostatic		2049 psi

RECOVERY
 165' Gassy Mud cut Oil
 (30% gas, 5% Mud)
 90' Gas/Oil Cut Mud
 (10% gas, 30% Oil)
 Gravity 36.9 API

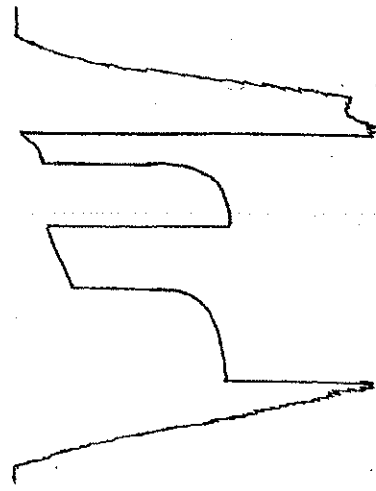
Rv: .121°F

DST # 4 ZONE: Johnson Zone
 INTERVAL: 4555'-4595'

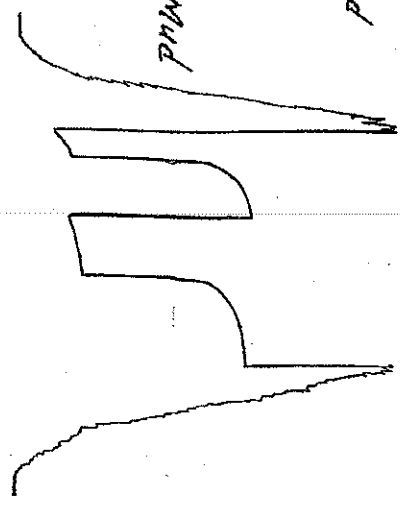
Pressures:	Time	Press.
1. Initial Hydrostatic		2289 psi

RECOVERY
 1426' Gas in Pipe

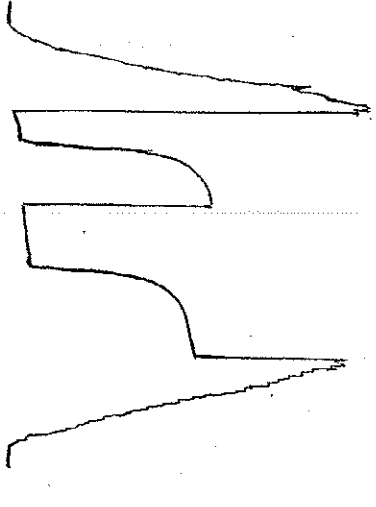
DST # 1
 Interval: 4059'-4100'
 Depth: 4060'



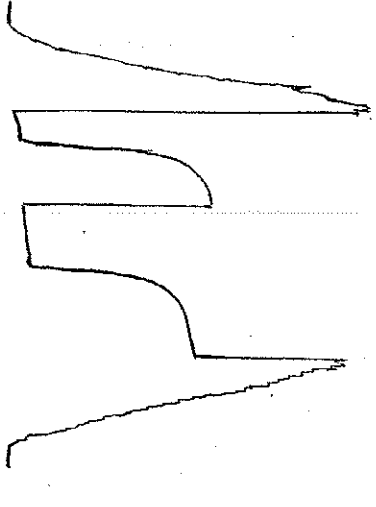
DST # 2
 Interval: 4096'-4195'
 Depth: 4097'



DST # 3
 Interval: 4215'-4245'
 Depth: 4216'



DST # 4
 Interval: 4555'-4595'
 Depth: 4556'



Stone Corral
Anhydrite
(4488')

Base of
Anhydrite
(4464')

Displace Nud S. side
@ 3190'

LS. Cr. m. - gm. - a. ind. - ls. sh. - q. - gran. -
chert. - mica. - sh. - chert. - fossils. - NQ NSFOC

Sh. - ls. - q. - m. - ind. - sh. - chert. -
NQ NSFOC

LS. q. - m. - gm. - ind. - sh. - chert. -
foss. - sh. - chert. - NQ NSFOC

1/2 pt. ind. part. -
sh. - q. - m. - ind. - sh. - chert. -
foss. - sh. - chert. - NQ NSFOC

LS. q. - m. - gm. - m. - sh. - l. - sh. - chert. -
foss. - sh. - chert. - NQ NSFOC

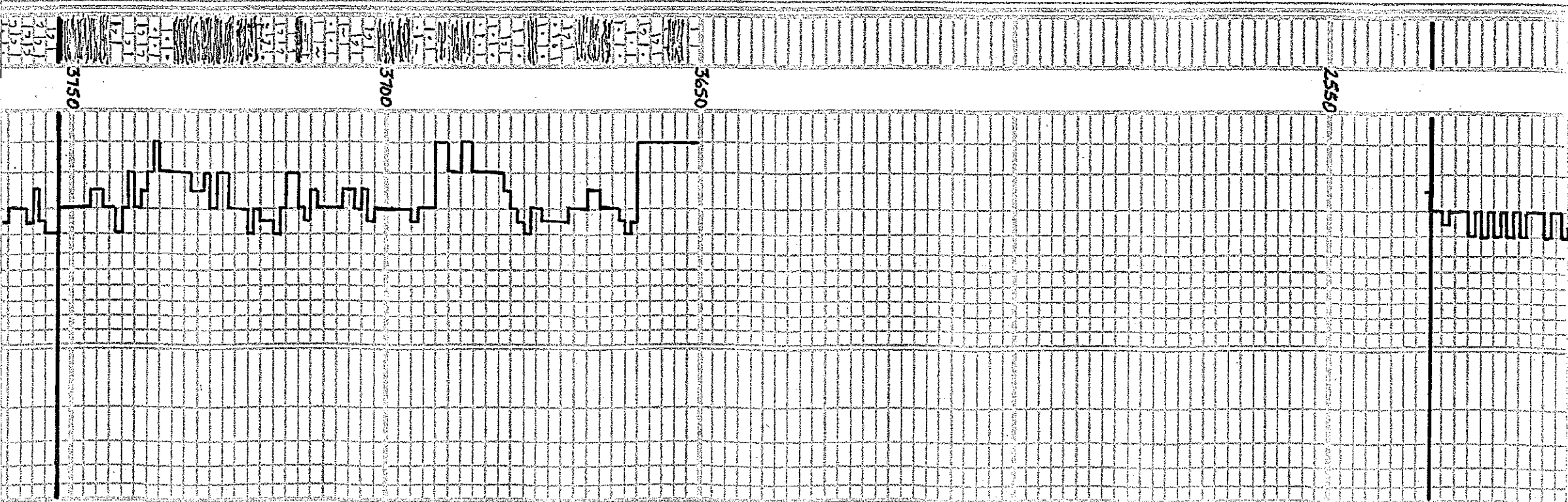
LS. q. - m. - ind. - sh. - chert. -
foss. - sh. - chert. - NQ NSFOC

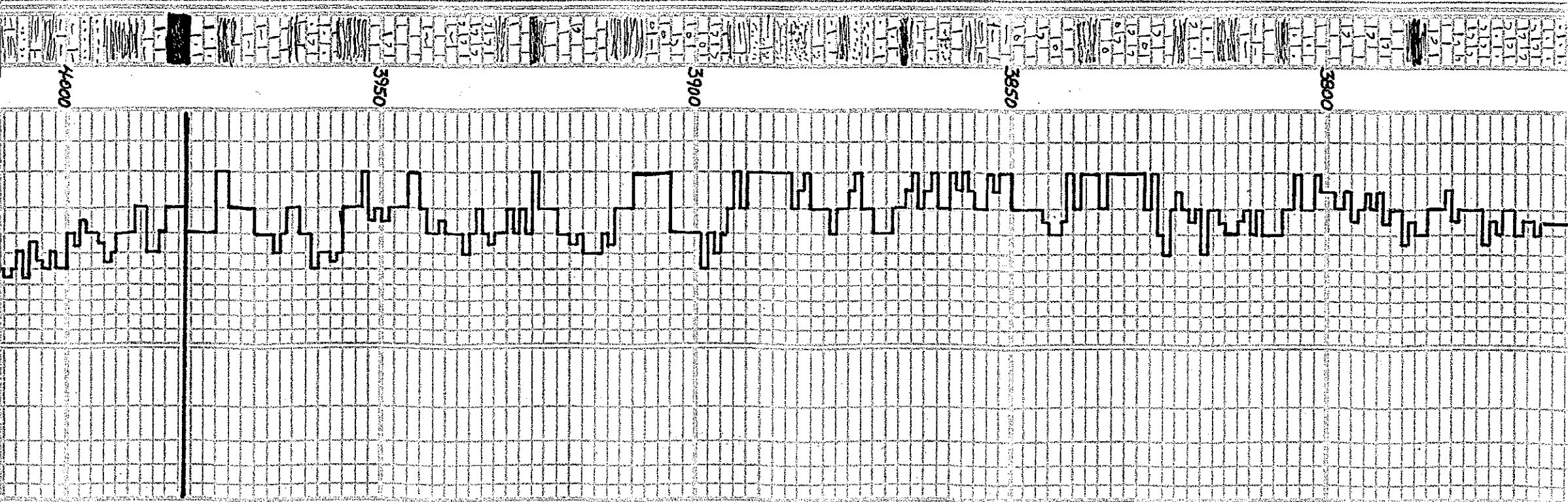
LS. Cr. m. - ind. - sh. - chert. -
foss. - sh. - chert. - NQ NSFOC

LS. Cr. m. - ind. - sh. - chert. -
foss. - sh. - chert. - NQ NSFOC

LS. Cr. m. - ind. - sh. - chert. -
foss. - sh. - chert. - NQ NSFOC

LS. Cr. m. - ind. - sh. - chert. -
foss. - sh. - chert. - NQ NSFOC





L5: wh. - tan, med. d. ss, veg -
 mx. m. mic. th. chik. p. occ.
 v. foss. - v. med. sh. sh. sh. sh.
 NØ NSFDC

L5: om. l. h. d. g. n. s. veg - mx. m. m.
 mic. th. sh. chik. th. sh. sh.
 NØ NSFDC

L5: A. A. th. veg. foss. mod. l. c. p.
 NØ NSFDC

Sh. g. n. i. m. sh. l. d. s. h. med.
 NØ NSFDC

Sh. g. n. - dk. g. n. i. m. sh. l. h. d. s.
 h. med. l. th. sh. sh.
 NØ NSFDC

L5: om. l. g. n. i. m. sh. l. h. d. s. i. m.
 occ. foss. i. th. sh. sh. NØ NSFDC

L5: om. l. h. d. d. s. i. occ. foss. v. sandy
 veg. x. h. i. g. occ. sh. sh. i. g. c. foss.
 fr. v. med. NØ NSFDC

L5: om. l. h. d. - sh. l. d. s. i. veg. x. h. i. m.
 foss. i. th. sh. sh. i. g. n. i. m. sh. l. h. d. s. i. m.
 occ. foss. i. th. sh. sh. NØ NSFDC

L5: om. l. h. d. d. s. i. occ. foss. v. sandy
 veg. x. h. i. g. occ. sh. sh. i. g. c. foss.
 fr. v. med. NØ NSFDC

L5: om. l. h. d. d. s. i. occ. foss. v. sandy
 veg. x. h. i. g. occ. sh. sh. i. g. c. foss.
 fr. v. med. NØ NSFDC

L5: om. l. h. d. d. s. i. occ. foss. v. sandy
 veg. x. h. i. g. occ. sh. sh. i. g. c. foss.
 fr. v. med. NØ NSFDC

L5: om. l. h. d. d. s. i. occ. foss. v. sandy
 veg. x. h. i. g. occ. sh. sh. i. g. c. foss.
 fr. v. med. NØ NSFDC

L5: om. l. h. d. d. s. i. occ. foss. v. sandy
 veg. x. h. i. g. occ. sh. sh. i. g. c. foss.
 fr. v. med. NØ NSFDC

L5: om. l. h. d. d. s. i. occ. foss. v. sandy
 veg. x. h. i. g. occ. sh. sh. i. g. c. foss.
 fr. v. med. NØ NSFDC

L5: om. l. h. d. d. s. i. occ. foss. v. sandy
 veg. x. h. i. g. occ. sh. sh. i. g. c. foss.
 fr. v. med. NØ NSFDC

L5: om. l. h. d. d. s. i. occ. foss. v. sandy
 veg. x. h. i. g. occ. sh. sh. i. g. c. foss.
 fr. v. med. NØ NSFDC

L5: om. l. h. d. d. s. i. occ. foss. v. sandy
 veg. x. h. i. g. occ. sh. sh. i. g. c. foss.
 fr. v. med. NØ NSFDC

L5: om. l. h. d. d. s. i. occ. foss. v. sandy
 veg. x. h. i. g. occ. sh. sh. i. g. c. foss.
 fr. v. med. NØ NSFDC

L5: om. l. h. d. d. s. i. occ. foss. v. sandy
 veg. x. h. i. g. occ. sh. sh. i. g. c. foss.
 fr. v. med. NØ NSFDC

L5: om. l. h. d. d. s. i. occ. foss. v. sandy
 veg. x. h. i. g. occ. sh. sh. i. g. c. foss.
 fr. v. med. NØ NSFDC

L5: om. l. h. d. d. s. i. occ. foss. v. sandy
 veg. x. h. i. g. occ. sh. sh. i. g. c. foss.
 fr. v. med. NØ NSFDC

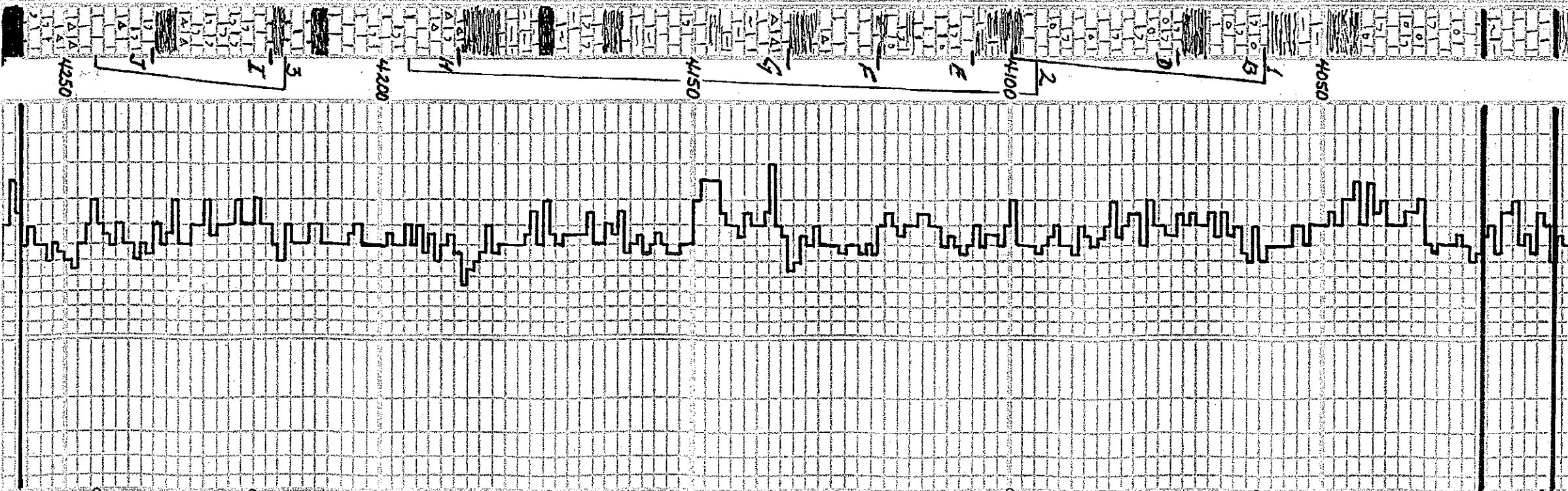
L5: om. l. h. d. d. s. i. occ. foss. v. sandy
 veg. x. h. i. g. occ. sh. sh. i. g. c. foss.
 fr. v. med. NØ NSFDC

L5: om. l. h. d. d. s. i. occ. foss. v. sandy
 veg. x. h. i. g. occ. sh. sh. i. g. c. foss.
 fr. v. med. NØ NSFDC

WOB 42,000#
 RPN, 85
 Pass. 1200psi

Mud Check @ 3975'
 M.W. 9.3
 V.S. 69
 W.L. 6.4
 CHL 1.1200
 50 lids 7.1%
 L.C.M. 2.0

Hebner-Sheik
 (-983)



LS. A.A. dec. 1/2 gr. N. NS FOC
 Sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC

Tonotols
 (-1015)
 Lensing gr.
 (-1027)

LS. A.A. top. m. d. N. NS FOC
 Sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC

WOB-42200#
 RPM 85
 Press. 1200 PSI
 585 RPM

LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC

Fair Show

LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC

DST #1
 4059-4100'
 30-60-60-90
 Rec. 630' MCV
 20' Mud
 54' BP. 63' long
 DGV 516'ong

LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC

Weak Show
 Mud Check @ 4102'
 M.W. 9.3 Solids 7.1%
 V.S. 69 LCM 1.5

LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC

DST #2
 4096-4195'
 30-60-60-90
 Rec: 80' GIP
 60' GCO
 176' DVMCM
 228' MCM
 20' HOSM

LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC

Fair-Good Show

LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC

Mud Check @ 4103'
 M.W. 9.2
 W.L. 6.4
 V.S. 54
 Chl 1500
 Solids 6.4%
 LCM 1.5x

LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC

DST #3
 4215-4245'
 30-60-60-90
 Rec. 165' GVMCO
 90' G10CM

LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC

Fair Show

LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC

Mud Check @ 4103'
 M.W. 9.2
 W.L. 6.4
 V.S. 54
 Chl 1500
 Solids 6.4%
 LCM 1.5x

LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC

Fair Show

LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC

Mud Check @ 4103'
 M.W. 9.2
 W.L. 6.4
 V.S. 54
 Chl 1500
 Solids 6.4%
 LCM 1.5x

LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC

Fair Show

LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC

Mud Check @ 4103'
 M.W. 9.2
 W.L. 6.4
 V.S. 54
 Chl 1500
 Solids 6.4%
 LCM 1.5x

LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC
 LS. gm. - wh. sh. gy. m. st. pns. gran. N. NS FOC

Fair Show



(1259')

Weak Show

Ls. g.m. - sh. bed. d.S. occ. sh. p. ch. k., occ. dol. w/ p. - sh. in. dol. q. w. pr. - 100. q. l. br. sh. H. cut

Ls. g.m. - k. g. m. bed. - sh. v. ch. k., sh. in. m. m., occ. foss. N. p. N5F0C

Ls. com. - thin bed. - sh. y. ch. k., v. m. m., occ. ch. l., occ. foss. sh. shad. N. p. N5F0C

Ls. sh. - dk. g. m. d. d. S., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k. N. p. N5F0C

Sh. br. k. m. sh. p. s. g. m. sh. carb. m. bed. d. S. e. sh. y. - j. m. sh.

Ls. g. m. - thin bed. sh. - bed. occ. ch. k. sh. shad., v. g. m. m., N. p. N5F0C

Ls. com. - k. g. m. bed. d. S., v. g. m. m., occ. ch. k. sh. shad. sh. shad. N. p. N5F0C

Ls. sh. - dk. g. m. d. d. S., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k. N. p. N5F0C

Sh. br. k. m. sh. p. s. g. m. sh. carb. m. bed. d. S. e. sh. y. - j. m. sh.

Ls. g. m. - thin bed. sh. - bed. occ. ch. k. sh. shad., v. g. m. m., N. p. N5F0C

Ls. com. - k. g. m. bed. d. S., v. g. m. m., occ. ch. k. sh. shad. sh. shad. N. p. N5F0C

Ls. com. - tan - gray, bed. - sh. v. ch. k., v. g. - m. m., occ. foss. N. p. N5F0C

Sh. g. m. - rd. br. i. sh. l. - v. sh. l. ch. k. sh. shad., occ. v. sh. red. - sh. k. sh. N. p. N5F0C

Ls. g. m. - tan - gray, bed. - sh. v. ch. k., v. g. - m. m., occ. foss. N. p. N5F0C

Sh. g. m. - rd. br. i. sh. l. - v. sh. l. ch. k. sh. shad., occ. v. sh. red. - sh. k. sh. N. p. N5F0C

Base of C. E. V. KANSAS G. B. V. GROUP

(1324')

Ls. com. - tan - gray, bed. - sh. v. ch. k., v. g. - m. m., occ. foss. N. p. N5F0C

Sh. g. m. - rd. br. i. sh. l. - v. sh. l. ch. k. sh. shad., occ. v. sh. red. - sh. k. sh. N. p. N5F0C

Ls. g. m. - tan - gray, bed. - sh. v. ch. k., v. g. - m. m., occ. foss. N. p. N5F0C

Sh. g. m. - rd. br. i. sh. l. - v. sh. l. ch. k. sh. shad., occ. v. sh. red. - sh. k. sh. N. p. N5F0C

WARTTTON GR. (1352')

Ls. com. - tan - gray, bed. - sh. v. ch. k., v. g. - m. m., occ. foss. N. p. N5F0C

Sh. g. m. - rd. br. i. sh. l. - v. sh. l. ch. k. sh. shad., occ. v. sh. red. - sh. k. sh. N. p. N5F0C

Ls. g. m. - tan - gray, bed. - sh. v. ch. k., v. g. - m. m., occ. foss. N. p. N5F0C

Sh. g. m. - rd. br. i. sh. l. - v. sh. l. ch. k. sh. shad., occ. v. sh. red. - sh. k. sh. N. p. N5F0C

ALBANY L.S.

Mud crack @ 4356'

M.W. 93

W.S. 58

Ch. 1, 1400

50 beds 7.1%

LCM 1.5%

Ls. A.A. less sandy, ch. k.

Sh. g. m. - dk. g. m. sh. - bed. m. sh. ch. k., occ. sh. p. ch. k. & s. sh. l.

Ls. com. - br. m. bed. d. S., v. g. - m. m., occ. v. sh. red. - sh. k. sh. N. p. N5F0C

Sh. g. m. - dk. g. m. sh. - bed. m. sh. ch. k., occ. sh. p. ch. k. & s. sh. l.

Ls. com. - tan, bed. d. S., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

Ls. com. - tan, bed. d. S., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

Sh. dk. g. m. - sh. - bed. m. sh. ch. k., occ. sh. p. ch. k. & s. sh. l.

Ls. com. - tan, bed. d. S., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

Ls. com. - tan, bed. d. S., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

Sh. dk. g. m. - sh. - bed. m. sh. ch. k., occ. sh. p. ch. k. & s. sh. l.

Ls. com. - tan, bed. d. S., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

Ls. com. - tan, bed. d. S., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

Ls. com. - tan, bed. d. S., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

Ls. com. - tan, bed. d. S., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

Sh. dk. g. m. - sh. - bed. m. sh. ch. k., occ. sh. p. ch. k. & s. sh. l.

Ls. com. - tan, bed. d. S., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

Ls. com. - tan, bed. d. S., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

PALMER L.S. (1454')

Ls. g. m. - tan - gray, bed. - sh. v. ch. k., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

Ls. g. m. - tan - gray, bed. - sh. v. ch. k., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

Sh. dk. g. m. - sh. - bed. m. sh. ch. k., occ. sh. p. ch. k. & s. sh. l.

Ls. com. - tan, bed. d. S., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

Ls. com. - tan, bed. d. S., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

Ls. g. m. - tan - gray, bed. - sh. v. ch. k., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

Ls. g. m. - tan - gray, bed. - sh. v. ch. k., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

Sh. dk. g. m. - sh. - bed. m. sh. ch. k., occ. sh. p. ch. k. & s. sh. l.

Ls. com. - tan, bed. d. S., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

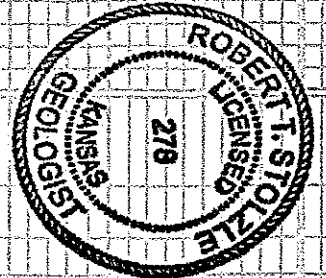
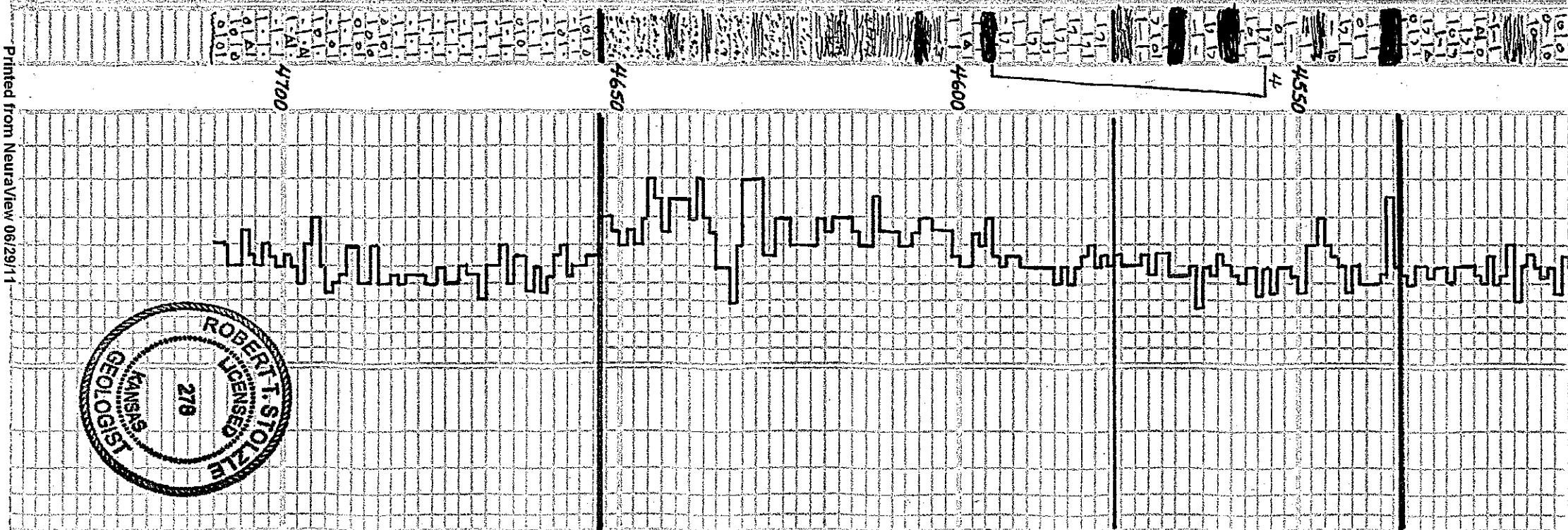
Ls. com. - tan, bed. d. S., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

Ls. A.A. NON5F0C

Sh. br. k. m. sh. p. s. g. m. sh. carb. m. bed. d. S. e. sh. y. - j. m. sh.

Ls. com. - tan, bed. d. S., v. g. - m. m., occ. sh. p. ch. k. & s. sh. l., sh. to s. s. sh. ch. k.

m. l. - v. dol. - No v. s. of N5F0C



Printed from NeutraView 06/29/11

LS: con. - tan, gny, hnd, dns, veg
 MXN, MIC, occ. dol, ss, sh

Ed. Scott & S.
 (41510)

Sh: dk. gny, tan, hnd, dns, veg
 LS: con. - tan, hnd, dns, veg -
 MXN, MIC, occ. dol, ss, sh

Weak Show
 Johnson Zone
 (41579)

LS: con. - tan, gny, hnd, dns,
 veg - MXN, MIC, occ. dol, ss, sh
 Fossils: Tr. P. V. N. P. N. S. E. O. C.
 Sh: blk, hnd, dns, carb, earthy
 veg - MXN, MIC, occ. dol, ss, sh

Cherokee Sh.
 (41537)

Sh: gny, tan, hnd, dns, earthy - shuck.
 LS: con. hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh

DSTM #1
 4555' - 4595'
 1426' GP
 1550' CGO

LS: con. - tan, hnd, dns, veg,
 MXN, MIC, occ. dol, ss, sh
 occ. foss.
 Sh: gny, tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh

Mud Crack @ 4595'
 M.W. 9.6
 V.I. 5.59
 Ch. T. 6.0
 Ch. T. 14.00
 501.05 9.3
 LCM 11.5

LS: con. - tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh
 Sh: gny, tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh

LS: con. - tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh
 Sh: gny, tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh

LS: con. - tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh
 Sh: gny, tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh

LS: con. - tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh
 Sh: gny, tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh

LS: con. - tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh
 Sh: gny, tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh

LS: con. - tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh
 Sh: gny, tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh

Mrs. S. S. P. P. P. P.
 (41655)

LS: con. - tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh
 Sh: gny, tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh

LS: con. - tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh
 Sh: gny, tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh

LS: con. - tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh
 Sh: gny, tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh

LS: con. - tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh
 Sh: gny, tan, hnd, dns, veg - MXN, MIC,
 occ. dol, ss, sh

DTD 4710'
 LTD 4712'
 Deviation 1°

Robert Stoitz
 3/19/11