



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: _____



1058627

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	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 29, 2011

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

Re: ACO1
API 15-109-20989-00-00
Kuhlman 'E' 2-35
SW/4 Sec.35-12S-32W
Logan County, Kansas

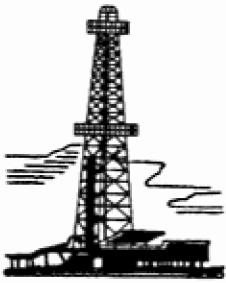
Dear Production Department:

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

		MDCI Kuhlman 'E' #2-35 580' FSL 660' FWL Sec. 35-T12S-R32W 3013' KB					MDCI Kuhlman 'E' #1-35 2280' FSL 335' FWL Sec. 35-T12S-R32W 2977' KB		
Formation	SampleTops	Datum	Ref	Log Tops	Datum	Ref	Log Tops	Datum	
Anhydrite	2525	+488	+1	2523	+490	+3	2490	+487	
B/Anhydrite	2550	+463	Flat	2548	+465	+2	2514	+463	
Topeka	3765	-752	+3	3765	-752	+3	3732	-755	
Heebner	3989	-976	+5	3988	-975	+6	3958	-981	
Lansing	4030	-1017	+4	4030	-1017	+4	3998	-1021	
Muncie Crk	4174	-1161	+4	4179	-1166	-1	4142	-1165	
Stark	4262	-1249	-2	4263	-1250	-3	4224	-1247	
BKC	4328	-1315	Flat	4237	-1314	-5	4286	-1309	
Marmaton	4365	-1352	-7	4359	-1346	-1	4322	-1345	
Up Pawnee	4470	-1457	-6	4468	-1455	-4	4428	-1451	
Johnson	4593	-1580	-7	4590	-1577	-4	4550	-1573	
Mississippi	4673	-1660	-11	4671	-1660	-11	4626	-1649	
RTD	4740						4650		
LTD				4738			4649		



WESLEY D. HANSEN Consulting Petroleum Geologist

212 N. Market, Suite 257, Wichita, KS 67202
Office: 316-267-7313 Cellular ; 316-772-6188

KGS
AAPG
Kansas License #418



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

Well Name: Murfin Drilling Co., Inc. #2-35 Kuhlman "E"
Location: 580' FSL, 660' FWL of Section 35-12S-32W
License Number: API: 15-109-20989
Spud Date: 3-21-2011
Surface Coordinates: 580' FSL, 660' FWL of 35-12S-32W
Region: Logan County, Kansas
Drilling Completed: 3-29-2011

Bottom Hole Vertical hole
Coordinates:
Ground Elevation (ft): 3002' K.B. Elevation (ft): 3013'
Logged Interval (ft): 3650' To: RTD Total Depth (ft): 4740'
Formation: Mississippian at RTD
Type of Drilling Fluid: Chemical - displaced at 3217'

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

OPERATOR

Company: Murfin Drilling Co., Inc.
Address: 250 N. Water
Suite 300
Wichita, KS 67202

GEOLOGIST

Name: Wesley D. Hansen
Company: Wesley D. Hansen - Consulting Petroleum Geologist
Address: 212 N. Market, Suite 257
Wichita, KS 67202
Office: 316-263-7313 Cellular: 316-772-6188

COMMENTS

Contractor: Murfin Drilling Co., Inc. Rig #21

Surface Casing: 8 5/8" set at 226' w/165 sx
Production Casing: 5 1/2" set at 4739' w/175sx

Mud by: Morgan Mud - Cade and Dave LInes were the engineers

DST's by: Trilobite - James Winder was the tester

Logs by: Log-Tech (DIL, CN-CD, MEL, BHCS) - Kenyon Bange was the engineer

Deviation Surveys: 1/2 deg. @ 226'; 1 deg. @ 735'; 1 deg. @ 1236'; 2 deg. @ 1834'; 2 1/2 deg. @ 1960; 2 3/4 deg. @ 2054'; 2 deg. @ 2210'; 2 deg. @ 2462'; 1 deg. @ 2619'; 3/4 deg. @ 2870'; 3/4 deg. @ 3657; 3/4 deg. @ 4260'

Bit #	Size	MFG	Type	Depth Out	Footage Cut	Hours on bit
1	12 1/4"	FDS	rerun	226'	226'	1 1/4
2	7 7/8"	Smith	MI616	3657'	3431'	48
3	7 7/8"	Smith	F271Y	4740'	1083'	51 1/4

FORMATION TOPS AND STRUCTURAL COMPARISON

FORMATION	SAMPLE TOPS		LOG TOPS		COMPARISON WELL MDC Kuhlman "E" 1-35
	Depth	Datum	Depth	Datum	
Anhydrite	2525'	+488	2521'	+492	+5'
B/Anhydrite	2550'	+463	2548'	+465	+2'
Topeka	3765'	-752	3765'	-755	+3'
Heebner Shale	3989'	-976	3988'	-975	+6'
Lansing	4030'	-1017	4029'	-1016	+5'
Muncie Creek Shale	4174'	-1161	4178'	-1165	flat
Stark Shale	4262'	-1249	4263'	-1250	-3'
Hushpuckney Shale	4300'	-1287	4298'	-1285	-4'
BKC	4337'	-1324	4333'	-1320	-5'
Marmaton	4365'	-1352	4359'	-1346	-1'
Pawnee	4470'	-1457	4468'	-1455	-4'
Myrick Station	4502'	-1489	4503'	-1490	-5'
Fort Scott	4519'	-1506	4519'	-1506	-4'
Cherokee Shale	4547'	-1534	4547'	-1534	-4'
Johnson Zone	4593'	-1580	4589'	-1576	-3'
Mississippian	4673'	-1660	4671'	-1658	-9
RTD	4740'	-1727			
LTD			4738'	-1725	

DRILL STEM TESTS

DST No. 1 Lansing "I" and "J"

Interval: 4210'-4260'

Times: 30-60-60-90

Recovery: 130' WCM, trace oil (37w, 63m);

62' MCW (45m, 55w); 680' MCW (8m, 92w),

chl 37K, system 1200 ppm

FP: 40-228/232-419 SIP: 1180-1120

HP: 1963-1909 BHT: 122 deg. F

IFP: fair blow bldg. to B.O.B. in 8.75 minutes

ISIP: surface blow back for 2 minutes

FFP: fair blow bldg. to B.O.B. in 11.5 minutes

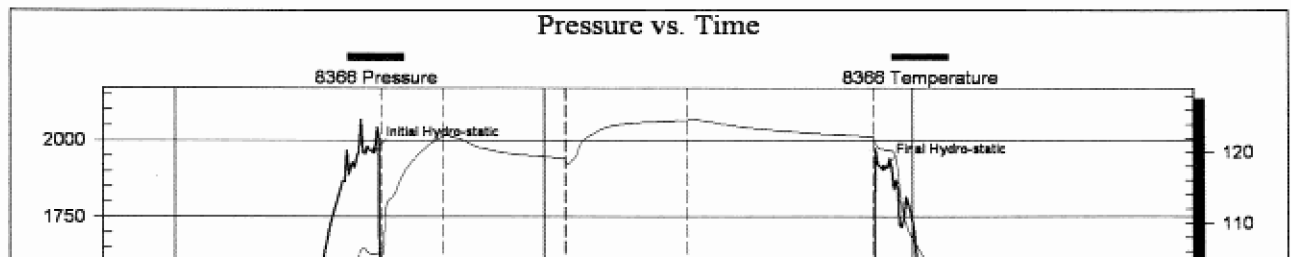
FSIP: no return blow

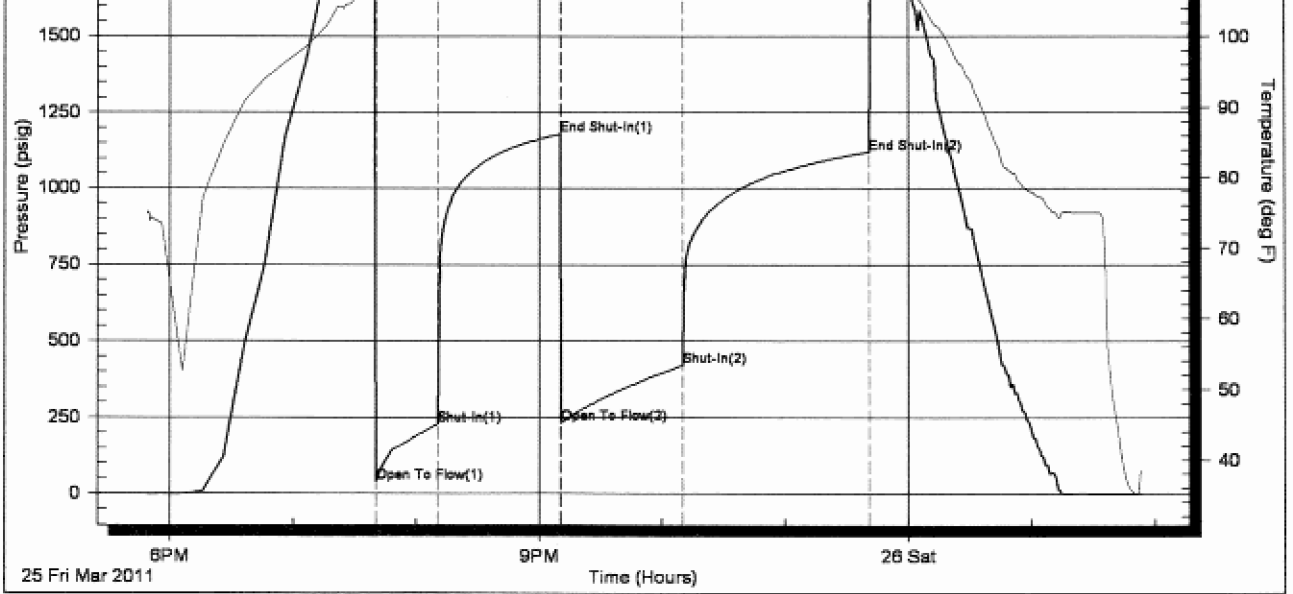
Serial #: 8366

Inside Murfin Drilling Co., Inc

35/12s/32w Logan KS

DST Test Number: 1





DRILL STEM TESTS

DST No. 2 LKC "K" Zone

Interval: 4262'-4280'

Times: 30-60-60-90

Recovery: 220' GIP; 10 CO (96o, 4m); 10' OCM (3g, 32o, 65m); 60' GO&WCM (20g, 30o, 7w, 43m); oil gravity 39.6

FP: 18-36/35-60 SIP: 1206-1184

HP: 2016-1993 BHT: 116 deg. F

IFF: slowly bldg. to 5 inches

ISIP: no return

FFP: slowly bldg. to 7 1/2 inches

FSIP: no return

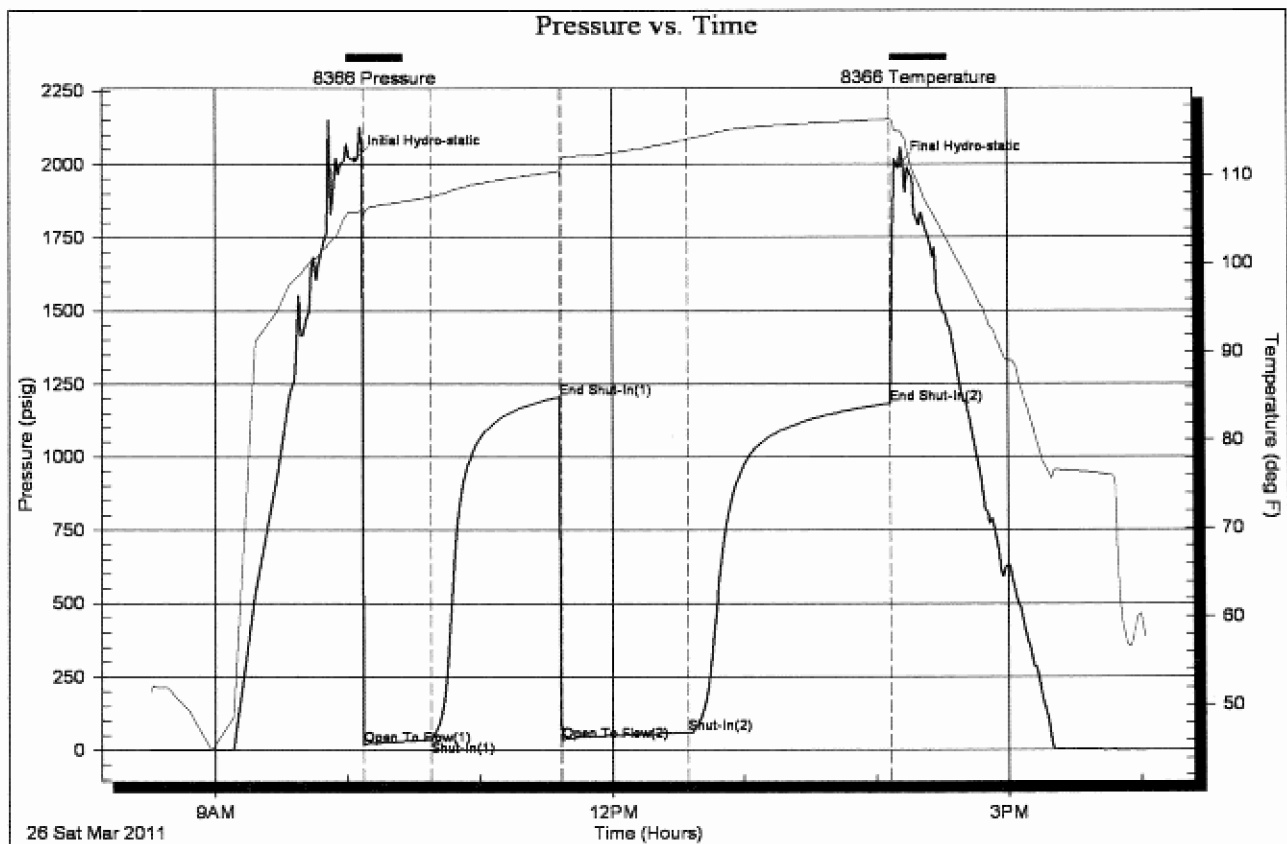
Serial #: 8366

Inside

Murfin Drilling Co., Inc

3512s/32w Logan KS

DST Test Number: 2



DRILL STEM TESTS

DST No. 3 Marmaton/Upper Pawnee
 Interval: 4328'-4490'
 Times: 30-60-30-60
 Recovery: 126' M w/trace oil; 126' SO&GCM
 (9g, 1o, 90m); 238' SO&G&WCM (10g, 1o,
 19w, 70m)
 FP: 52-217/218-254 SIP: 394-361
 HP: 2086-2068 BHT: 117 deg. F

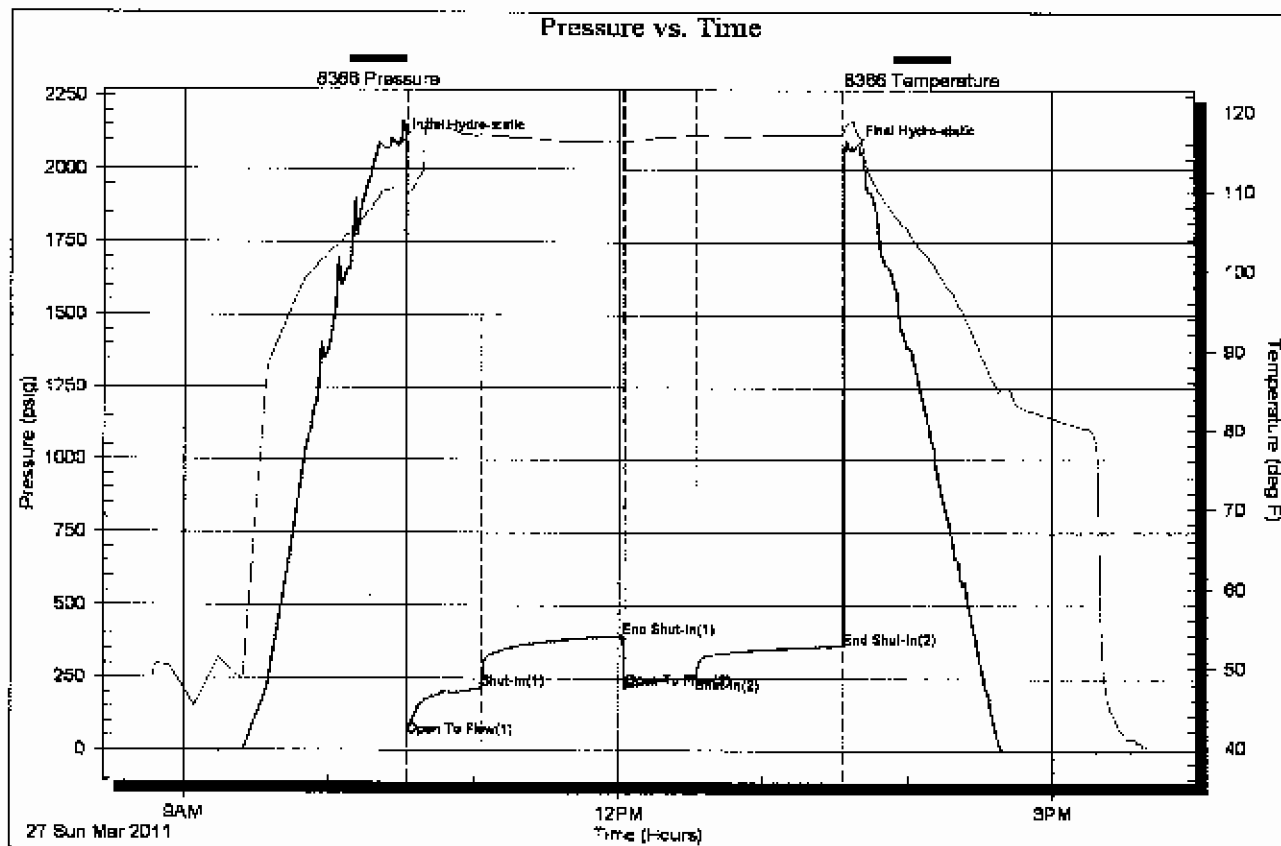
IFP: fair blow bldg. to B.O.B. in 6 1/2 minutes
 ISIP: no return
 FFP: fair blow bldg. to 8 inches
 FSIP: no return

Serial # 8366

Inside Murfin Drilling Co., Inc

35/12s/32w Logan KS

DST Test Number: 3



DRILL STEM TESTS

DST No. 4 Myrick Station/Fort Scott
 Interval: 4490'-4550'
 Times: 30-60-60-90
 Recovery: 240' GIP; 1' SG&MCO (2g, 5m, 93o);
 60' G&MCO (25g, 30m, 45o)
 FP: 20-29/28-44 SIP: 779-639
 HP: 2172-2158 BHT: 117 deg. F

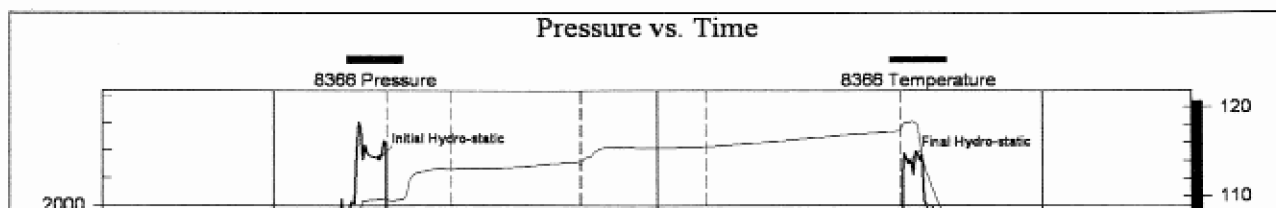
IFP: fair blow bldg. to 5 inches
 ISIP: surface blow bldg. to 1/4 inch
 FFP: fair blow bldg. to 9 1/2 inches
 FSIP: surface return blow

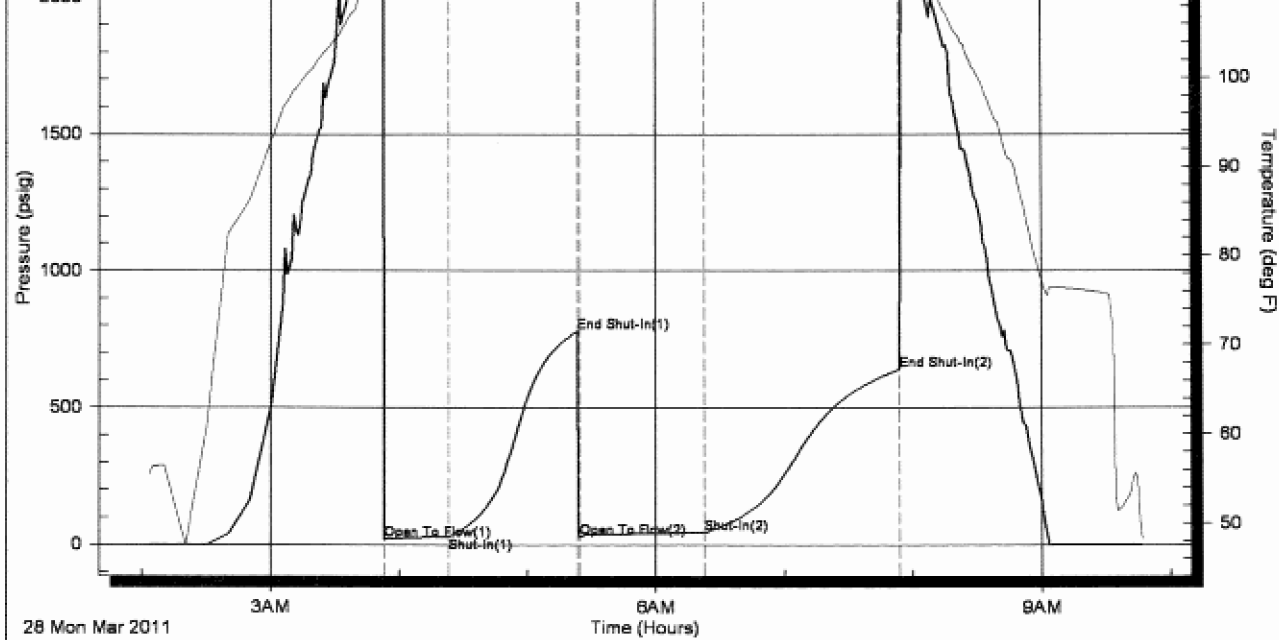
Serial # 8366

Inside Murfin Drilling Co., Inc

35/12s/32w Logan KS

DST Test Number: 4





DRILL STEM TESTS

DST No. 5 Johnson Zone

Interval: 4576'-4614'

Times: 30-60-60-90

Recovery: 800' GIP; 160' CGO (30g, 67o, 3m); 85' G&MCO (35g, 54o, 11m); 178' G&MCO (20g, 72o, 8m); 60' G&MCO (35g, 45o, 20m); oil gravity 26.2

API; total fluid 483'

FP: 66-143/155-200 SIP: 617-832 (still bldg.)

HP: 2196-2162 BHT: 127 deg. F

IFP: strong bldg. to B.O.B. in 4 1/4 minutes

ISIP: Bldg. to B.O.B. in 28 minutes

FFP: good bldg. to B.O.B. in 14 minutes

FSIP: Bldg. to 7 3/4 inches

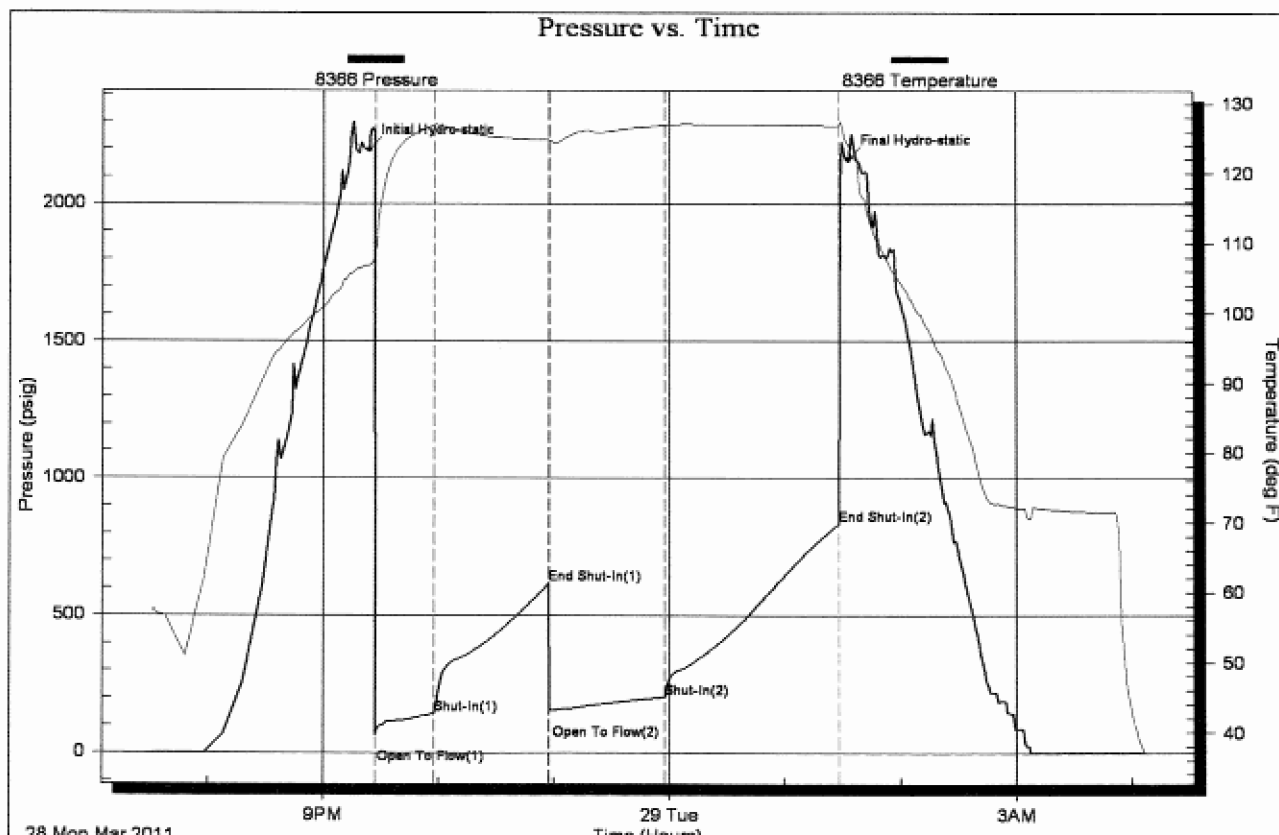
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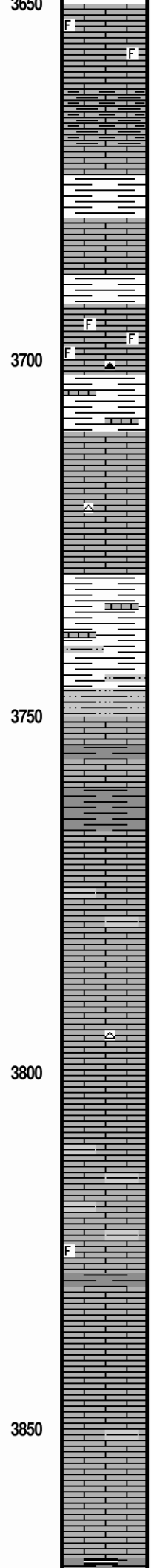
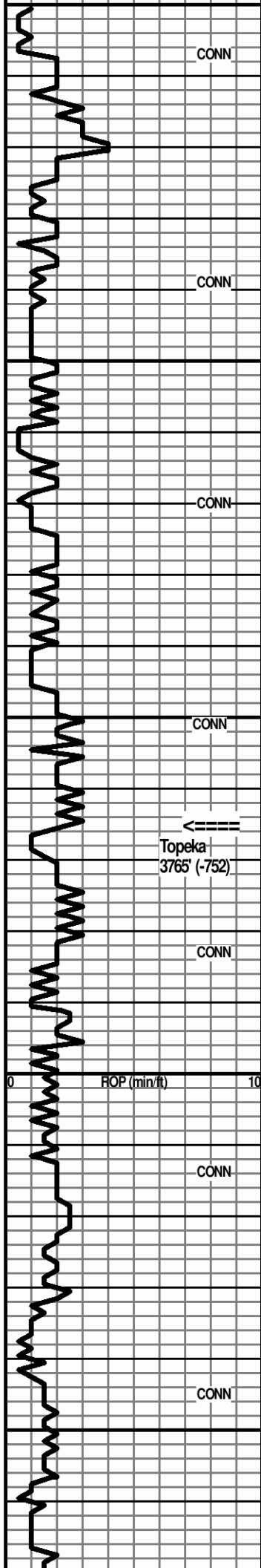
Inside

Murfin Drilling Co., Inc

35/12s/32w Logan KS

DST Test Number: 5





Ls: influx lt gray, lt brn vfxn dense, fossilif. IP; lesser offwhite, tan micxn, subchalky IP

Ls: influx mottled dark gray dense, shaly; common offwhite, tan micxn subchalky IP

Ls: lt-med gray mic-vfxn dense; some offwhite, lt gray micxn subchalky; one chip (3700' spl) of lt brn mic-vfxn dense with patchy brn stain, milky cut (dry spl); Sh: med to dark gray

Ls: lt-med brn predom. vfxn dense; some offwhite chalky and dark gray dense, shaly; Sh: med to dark gray, calcar. IP

20' spl - Ls: good influx lt brn vfxn, fossilif. with fair to good pnpt and small vug. por., N.S.; common offwhite, tan mic-vfxn subchalky to chalky; trace black chert; fairly minor med to dark gray shale

Ls: abund. tan, lt brn with por. AA; common offwhite, tan subchalky to chalky; lesser lt brn, lt gray vfxn dense; fairly minor med to dark gray shale

Ls: mix tan, lt brn, lt gray mic-vfxn dense; influx med brn and mottled med gray vfxn dense; persistant offwhite chalky; trace brn chert; minor shale

50' spl - Ls: various lt-med brn, gray predom. vfxn, mottled IP; some med brn, gray vf-cryptoxn; common subchalky to chalky AA; fairly minor shale %

60' spl - influx Sh: med to dark gray, occ black; occ dark gray micac. siltst; Ls's are still common, more brn, gray vf-cryptoxn

70' spl - Sh: lt-med gray with sl influx lt gray micac. siltst; Ls's AA still prevalent in spls

80' spl - Sh: vc gray AA; Ls: influx tan, lt brn, offwhite mic-fnxn with pnpt por., subchalky to chalky, N.S.

90' spl - Ls: tan, lt brn, offwhite mic-fnxn with pnpt por. AA, subchalky matrix; common offwhite chalky; Sh: lt gray calcar. and silty

3800' spl - Ls: mix tan, lt brn fn granular, poor to no vis. por.; common offwhite, tan subchalky to white chalky; lesser lt gray, tan vf-cryptoxn

10' spl - Ls: abund. offwhite, lt gray mic-vfxn dense, subchalky; some tan, offwhite, lt gray vfxn dense; trace tan, lt orange chert

20' spl - Ls: very predom. offwhite, tan, lt gray mic-vfxn dense, subchalky to occ white chalky

30' spl - Ls: mix AA with influx tan, lt brn mic-vfxn dense, some poor pnpt por.; Sh: fairly minor med to dark gray, trace green, occ red-brn

40' spl - Ls: flood mottled tan, lt brn, gray mic-fnxn dense; minor shaly gray Ls

50' spl - Ls: predom. tan, lt brn mic-fnxn dense; some mottled gray fn granular; some mottled med to dark brn occ fossilif. with trace good intra-particle por., N.S.; thin gray shales

60' spl - Ls: tan mic-fnxn with fair pnpt and interxn por.; some offwhite, tan mic-vfxn dense, subchalky, N.S.

70' spl - Ls: tan vfxn dense; tan, lt brn mic-vfxn dense, subchalky; still carry white chalky; sl incr. med to dark gray shale

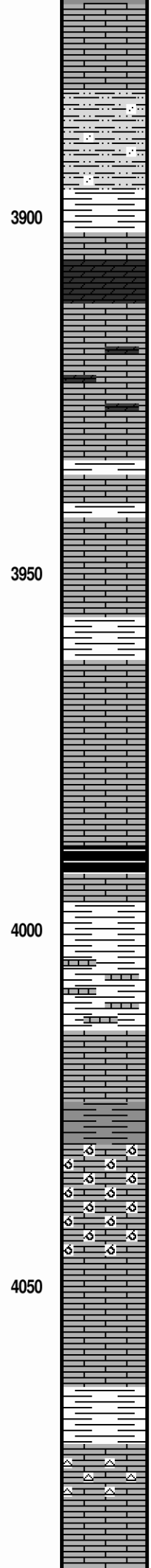
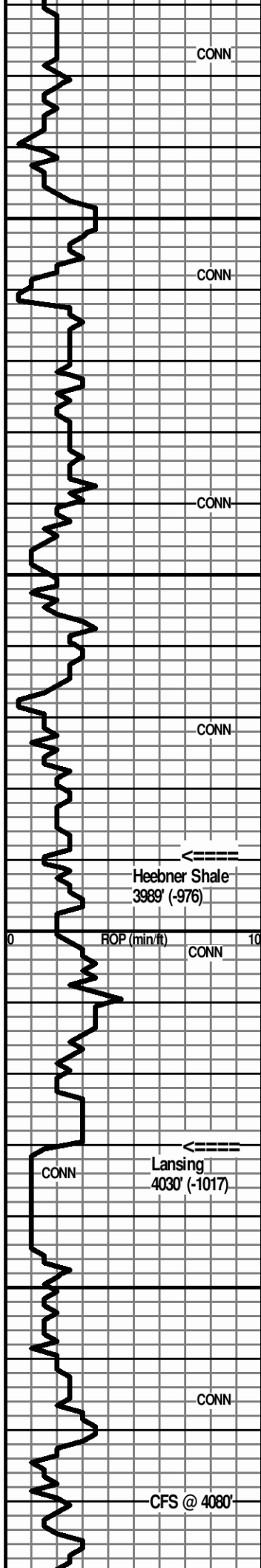
80' spl - Ls: tan, lt brn mic-fn-vfxn some pnpt por., subchalky IP; common white chalky

90' spl - Ls: influx tan, lt brn fn-vfxn, dense; some med to

7:00 AM at 3657' on 3-24-2011
 Bit trip
 Pipe strap @ 3657' was 1.76' long to the pipe bpard
 one chip with stain - source?
 Geologist on location at 3677'

Morgan Mud Check at 3713'
 12:20 PM on 3-24-2011
 wt vis wl pH chl
 9.1 63 7.2 10.5 1300
 PV YP GelS lcm solids
 21 18 7/19 2# 5.7%

Topeka 3765' (-752)



dark gray and black carbon. shale

3900' spl - Ls: mottled lt brn mic-fxn dense, sl shaly; Siltst: good influx lt-med gray, sl micac. and very calcar., finely sandy IP

10' spl - Siltst: lt-med gray, calcar. AA; some red sitst and med to dark gray shale

Ls: med gray, sl granular to cryptoxln

Dolo: influx in 30' spl of tan fn-vfxln, sucrosic IP with interxln and some vug. por., N.S.

Ls: tan, lt brn fn granular, gen. dense; tan, offwhite mic-vfxln dense, subchalky

40' spl - Ls/Dolo mix AA with some med to dark gray and med brn cryptoxln Ls

50' spl - Ls: tan, lt brn fn-vfxln dense; some tan, lt gray cryptoxln; Sh: minor red-brn, gray

60' spl - flood Ls: tan, lt brn, lt gray vf-cryptoxln

Ls: tan, lt brn fnxn with some pnpt por.; tan, offwhite mic-vfxln dense, subchalky

Sh: med to dark gray, common red-brn

90' spl - very shaly mix AA; Ls: some lt brn with good pnpt and small vug. por.; sl influx gray vf-cryptoxln, N.S.

Ls: various tan, lt brn, lt gray vf-cryptoxln; offwhite, tan mic-vfxln dense, subchalky

Sh: influx black carbon. in 4000' spl

Ls: med brn, lt gray cryptoxln

Sh: lt to med gray

20' spl - Sh: some vc gray to black; flood Ls: lt to med brn, lt gray cryptoxln

30' spl - Ls: tan, lt gray predom. cryptoxln; offwhite, tan mic-vfxln dense, subchalky, white chalky; minor red-brn shale

40' spl - Ls: various dense AA with sl increase of med to dark gray shale, some black

Ls: influx in 50' spl of tan oolitic with fair to good fn to med oomoldic por., N.S.

60' spl - Ls: tan oolitic AA with flood of white chalk

70' spl - Ls: oolitic and chalky AA with sl influx tan, lt brn cryptoxln to sl mottled granular, no vis. por., N.S.

80' spl - Ls: mix AA with sl influx red-brn and med gray shales

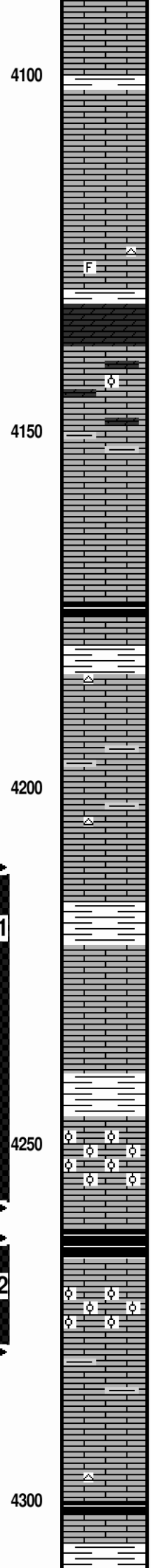
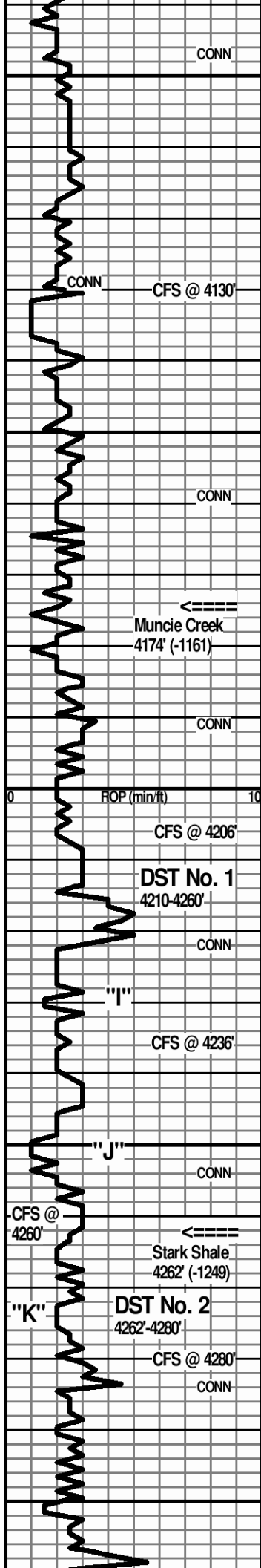
CFS 4080' 30' spl - Ls: good influx white chalky and offwhite, tan micxn subchalky; influx tan, lt orange opq chert

4100' spl - Ls: predom. offwhite, tan mic-vfxln dense, subchalky, occ white chalky; lesser tan, lt gray vfxln dense

Heebner Shale 3989' (-976)

Lansing 4030' (-1017)

CFS 4080' 60' spl - Ls: abund. subchalky to chalky with chert AA; lesser tan, lt gray vf-cryptoxln, N.S.



10' spl - Ls: tan vfxln sl granular with poor inter-particle por.; abund. offwhite, tan mic-vfxln dense, subchalky AA

20' spl - Ls: influx tan, lt brn vf-cryptoxln; still common subchalky AA

30' spl - Ls: predom. lt to med brn cryptoxln and sl mottled granular, no vis. por.; minor med to dark gray and red-brn shale

CFS 4130' 30' spl - Ls: lt-med brn, gray cryptoxln, some sl mottled granular, no vis. por.; very scatt. lt gray opq chert; Sh: sl influx med to dark gray

50' spl - Dolo: strong influx tan vfxln with poor to fair interxn por. and some vug. por., N.S.

60' spl - Ls: sl influx tan, lt brn, lt gray med granular, mottled IP, no vis. por.; occ lt brn oolitic with poor to no vis. por., N.S.; Dolomite AA

70' spl - Sh: good influx med to dark gray, red-brn; Ls: tan, lt gray cryptoxln and offwhite, lt gray mic-vfxln dense, subchalky; occ white chalky

80' spl - flood Ls: offwhite mic-vfxln dense, subchalky; tan, lt gray cryptoxln, no vis. por., N.S.; much decr. shale %

90' spl - Sh: influx black carbon.; Ls: mix AA with sl influx med brn cryptoxln

4200' spl - Ls: influx med brn, gray-brn mottled granular and some cryptoxln; common dense subchalky AA; scatt. mottled gray-brn opq chert

4206' spl - influx Sh: med to dark gray, red-brn, gray-green, some black; Ls: mottled brn, gray-brn AA; some med brn cryptoxln

CFS 4206' 30' spl - flood Ls: tan, lt gray vf-cryptoxln and tan, offwhite mic-vfxln dense, subchalky IP; some lt gray and tan subopq chert

60" spl - Ls: AA, some med brn cryptoxln; influx Sh: dark gray to black, red-brn

20' spl - Ls: lt gray, tan cryptoxln and offwhite, tan mic-vfxln dense, subchalky IP; Sh: good influx med to dark gray, abund. red-brn

30'/36' spls - very predom. shales AA

CFS 4236' 30' spl - very shaly AA with good influx Ls: offwhite, tan predom. vfxln dense; lesser offwhite subchalky; 60" spl - Ls: very predom. dense AA; some sl mottled lt brn; one chip lt brn fn-vfxln, mealy with spotty pnpt stain, no odor, no fluor., vsI show listless oil on break

50' spl - very predom. shales AA, more dark gray, occ maroon-brn; Ls: various AA, some med brn cryptoxln; one chip offwhite oolitic with pnpt dead oil flecks, trace slow bleeding gas, nfo, no odor, no fluor.; 60" spl - very predom. shales AA

CFS 4260' 20' spl - Ls: influx offwhite, tan oolitic to granular with patchy to subsat stain, fair to good sl pungent odor, vsI sfo on break; influx tan, lt gray cryptoxln and offwhite mic-vfxln dense, subchalky to occ chalky

70'/80' spls - influx black carbon. shale; Ls: sl influx in 80' spl of dark brn and med gray cryptoxln and mottled offwhite/gray dense

CFS 4280' 30' spl - Ls: sl influx tan, lt brn oolitic with pnpt fluor., good pungent odor, patchy to sat. stain, good sfo on break, sg, with poor to fair inter-oolitic and some vug. por.; flood offwhite chalky and offwhite mic-vfxln with mnrl fluor.

90' spl - ? new rocks; Ls: oolitic AA; sl mottled tan, lt brn gran.; lesser mottled gray, gray-brn cryptoxln; Sh: lt-med gray, gray-green, black

4300' spl - Ls: flood offwhite, lt gray mic-vfxln dense, subchalky IP, occ white chalky; lesser tan vf-cryptoxln

10' spl - Ls: abund. offwhite dense AA; incr. tan, lt-med brn cryptoxln; scatt. lt gray, offwhite opq chert; Sh: sl influx black carbon.

20' spl - Ls: flood dark gray, gray-brn, dark brn mottled

CFS 4130' 60" spl - Ls: tan, lt brn cryptoxln, occ granular, sl fossilif.; incr. offwhite, tan mic-vfxln dense, subchalky, N.S.

one chip in 4140' spl of tan vfxln with black gilsonite flecks, vsI show brn oil on break, no odor, no fluor.

Muncie Creek 4174' (-1161)
7:00 AM at 4175' on 3-25-2011

DST No. 1 Lansing "I" and "J"
Interval: 4210'-4260'
Times: 30-60-60-90
IFP: fair blow bldg. to B.O.B. in 8.75 minutes
ISIP: surface blow back for 2 minutes
FFP: fair blow bldg. to B.O.B. in 11.5 minutes
FSIP: no return blow
Recovery: 130' WCM, trace oil (37w, 63m); 62' MCW (45m, 55w); 680' MCW (8m, 92w), chl 37K, system 1200 ppm
FP: 40-228/232-419 SIP: 1180-1120
HP: 1963-1909 BHT: 122 deg. F

Morgan Mud Check at 4249'
12:45 PM on 3-25-2011
wt vis wl pH chl
9.0 48 6.8 10.5 1200
PV YP GelS lcm solids
16 13 5/14 3# 5.0%

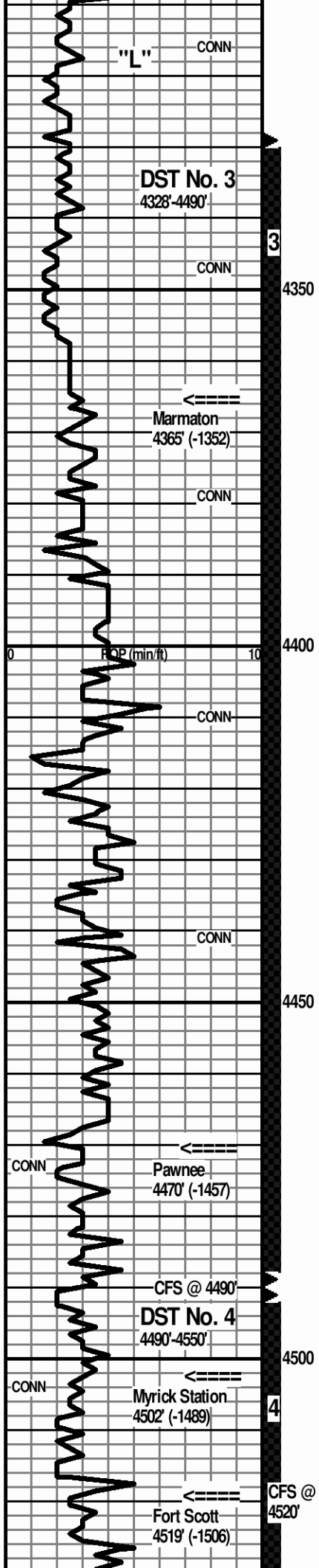
CFS 4260' 45" spl - Ls: mix AA, predom. various dense; some oolitic with shows AA; spls still shaly AA with occ dark gray to black

Stark Shale 4262' (-1249)

CFS 4280' 60" spl - Ls: mix AA with more lt-med brn, gray cryptoxln, mottled and sl granular IP, no vis. por., N.S.

7:00 AM at 4280' on 3-26-2011
Morgan Mud Check at 4280'
10:40 AM on 3-26-2011
wt vis wl pH chl
9.1 61 6.4 10.5 1400
PV YP GelS lcm solids
19 20 11/29 2# 5.7%

DST No. 2 LKC "K" Zone
Interval: 4262'-4280'
Times: 30-60-60-90
IFP: slowly bldg. to 5 inches



cryptoxln; Sh: vc gray

30' spl - Ls: mottled gray, mottled brn granular; some med to dark brn cryptoxln, no vis. por., N.S.

40' spl - Ls: flood offwhite mic-vfxln dense, subchaly to occ white chalky

50' spl - Ls: decr. subchalyAA; strong influx tan, lt brn vf-cryptoxln, no vis. por., N.S.

60' spl - Ls: lt gray, med brn vf-cryptoxln; offwhite, tan mic-vfxln dense; Sh: influx med to dark gray, red-brn; sl influx Siltst: offwhite, lt gray dolomitic

70' spl - shales and siltst AA with incr. shale% of red-brn, vc gray; some red-brn siltst; Ls: mix AA with sl influx med to dark brn cryptoxln to mottled granular, N.S.

80' spl - flood Ls: tan, lt brn, lt gray vf-cryptoxln and offwhite micvxn subchaly to occ chalky; trace offwhite, tan mic-vfxln with spotty pnpt stain and fluor., faint odor, nfo

90' spl - Ls: mix AA; one chip offwhite oolitic with very spotty pnpt stain, vsl sfo on break, poss. faint odor; 2 chips lt brn cryptoxln with patchy stain, nfo; Sh: influx med to dark gray, silty IP, some black, gray-green

4400' spl - Sh: vc gray, silty IP, red-brn, some black; Ls: various brn, gray vf-cryptoxln and mottled gray/offwhite dense

10' spl - influx Ls: mottled lt to med brn granular with offwhite micvxn matrix, some cryptoxln; Sh: decr. %, predom. red-brn, med to dark gray, occ gray-maroon

20' spl - Ls: predom. lt to med brn vf-cryptoxln and offwhite mic-vfxln dense, subchaly IP; scatt. chips lt brn vf-cryptoxln, rare vug. por., with pnpt fluor., vsl odor on break, lt pnpt stain, nfo

30' spl - Sh: med to dark gray with Ls: predom. lt to med brn, med gray, sl mottled granular to cryptoxln, no vis. por., N.S.

40' spl - incr. % Ls: lt to med brn, gray, gray-brn cryptoxln; trace mottled dark brn granular, no vis. por., N.S.; much decr. shale %

50' spl - Ls: influx mottled dark brn granular, N.S.; various cryptoxln AA; Sh: med to dark gray

60' spl - Ls: lt-med gray, lt-med brn cryptoxln to sl mottled granular, no vis. por.; lesser offwhite, lt gray mic-vfxln dense, subchaly; Sh: streaks of lt-med gray

70' spl - Ls: predom. med brn, med gray cryptoxln and med gray vfxln dense, sl shaly; Sh: streaks vc gray to black

80' spl - Ls: flood offwhite, tan mic-vfxln dense, no vis. por., N.S.; lesser tan, lt brn cryptoxln; occ dark brn granular to cryptoxln; sl influx offwhite, lt gray opq chert

90' spl - Ls: decr. offwhite, tanAA; influx tan, lt-med brn cryptoxln, no vis. por., N.S.; scatt. chips lt gray cherty Ls with pnpt brn stain, trace fo, slow forming gas bubbles, faint odor

CFS 4490' 30' spl - Ls: flood med to dark brn mottled granular, no vis. por.; lesser med to dark brn cryptoxln, N.S.; influx dark brn opq chert; trace tan fnxn with spotty lt stain, fair sfo on break, sl sg

10' spl - Sh: good influx black carbon.; Ls: mottled dark brn, mottled dark gray granular to cryptoxln, no vis.por.

20' spl - Sh: med to dark gray; Ls: tan, lt gray vf-cryptoxln; mottled tan/lt gray with micvxn matrix; several chips tan, lt gray vfxln, with poor pnpt & intervxn por.; with faint odor, spotty pnpt stain, shows of lt brn listless oil and lt-med brn sl gassy oil, patchy brn stain; scatt. lt gray opq chert

30' spl - Sh: black carbon.; Ls: scatt. chips with shows AA; predom. various tan, lt brn, lt gray mottled dense; sl influx med to dark brn opq chert

40' spl - Ls: flood tan, lt brn finely oolitic, mottled with tan

ISIP: no return
 FFP: slowly bldg. to 7 1/2 inches
 FSIP: no return
 Recovery: 220' GIP; 10 CO (96, 4m); 10' OCM (3g, 32, 65m); 60' GO&WCM (20g, 30, 7w, 43m); oil gravity 39.6
 FP: 18-36/35-60 SIP: 1206-1184
 HP: 2016-1993 BHT: 116 deg. F

Marmaton 4365' (-1352)

DST No. 3 Marmaton/Upper Pawnee
 Interval: 4328'-4490'
 Times: 30-60-30-60
 IFP: fair blow bldg. to B.O.B. in 6 1/2 minutes
 ISIP: no return
 FFP: fair blow bldg. to 8 inches
 FSIP: no return
 Recovery: 126' M w/trace oil; 126' SO&GCM (9g, 1, 90m); 238' SO&G&WCM (10g, 1, 19w, 70m)
 FP: 52-217/218-254 SIP: 394-361
 HP: 2086-2068 BHT: 117 deg. F

DST No. 4 Myrick Station/Fort Scott
 Interval: 4490'-4550'
 Times: 30-60-60-90
 IFP: fair blow bldg. to 5 inches
 ISIP: surface blow bldg. to 1/4 inch
 FFP: fair blow bldg. to 9 1/2 inches
 FSIP: surface return blow
 Recovery: 240' GIP; 1' SG&MCO (2g, 5m, 93c); 60' G&MCO (25g, 30m, 45c)
 FP: 20-29/28-44 SIP: 779-639
 HP: 2172-2158 BHT: 117 deg. F

80' spl - cont. - several chips offwhite, tan vfxln dense with spotty pnpt stain (wet) and patchy stain dry, and along micro sutures, nfo, slowly forming gas bubbles on fresh brkn surfaces

Pawnee 4470' (-1457)

90' spl - cont. - some tan vf-cryptoxln, no vis. por. with pnpt stain, sg, trace dark brn oil on break

CFS 4490' 60' spl - Ls: influx lt-med brn, med gray cryptoxln to sl mottled granular; sl influx offwhite mic-vfxln dense, subchaly IP; scatt. cherts; minor black & med to dark gray shales

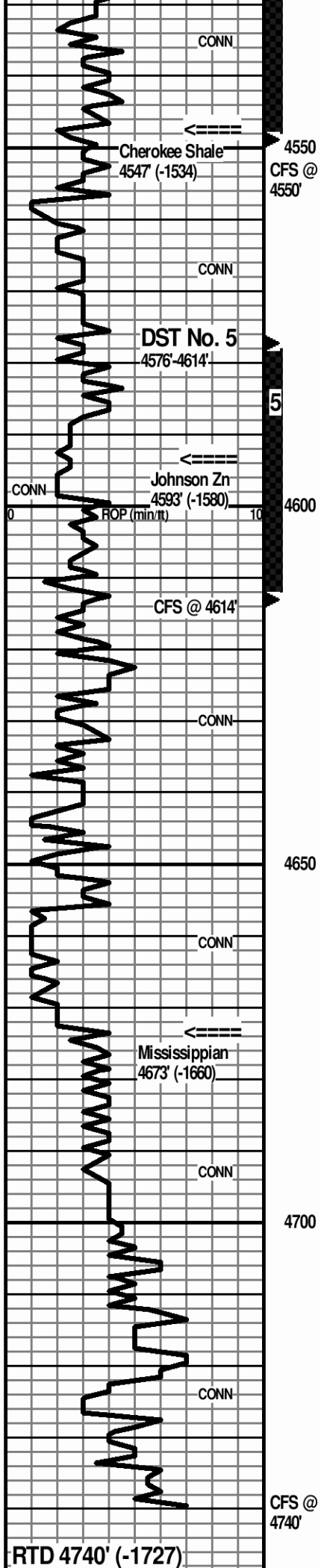
7:00 AM at 4490' on 3-27-2011

Myrick Station 4502' (-1489)

CFS 4520' 30' spl - scatt. chips with shows AA; 2-3 chips with vug. por. with shows gassy oil; Ls: tan, lt gray vf-cryptoxln and lesser offwhite mic-vfxln dense, N.S.; Sh: dark gray to black carbon.; 60' spl - incr. black carbon. shale with med brn, med gray mottled granular to cryptoxln Ls

Fort Scott 4519' (-1506)

Morgan Mud Check at 4490'



40' spl - Ls: med tan, lt brn micxln, mottled, with tan, offwhite micxn to subchalky matrix, N.S.

50' spl - Ls: oolitic AA; influx lt-med brn, lt-med gray vf-cryptoxln, no vis. por., N.S.; CFS 30" - Ls: new dark gray, dark brn gran., mottled and shaly IP; scatt. mottled gray/brn opq chert; Sh: dark gray to black; 60" spl - Ls: various brn, gray vf-cryptoxln, cherty AA; shales AA

70' spl - Ls: various brn, gray cryptoxln, sl mottled and granular IP; 3-4 chips med brn oolitic with poor inter-oolitic por. with dark stain, fair to good show dark brn oil on break, faint to no odor, no fluor.; Sh: med to dark gray, black

80' spl - Ls: flood offwhite mic-vfxln dense; abund. tan, lt-med brn cryptoxln, no vis. por., N.S.; 3-4 chips med brn with vug. por. with patchy to sat. stain, sfo on break, faint odor, no fluor.; 2-3 chips offwhite vfxln with black prnt stain, no fluor.

90' spl - Ls: predom. med-dark brn, gray-brn cryptoxln, no vis. por., N.S.; lesser offwhite dense; 3-4 chips brn cryptoxln with fair-good vug. por. with shows AA (new??); scatt. gray/brn opq chert; Sh: med-dark gray, black

10' spl - Ls: several chips tan/brn granular & fossilif. with vug. por., fair odor, good sfo and stain, sg; predom. lt-med brn, tan, gray-brn vf-cryptoxln, mottled IP; lesser offwhite, tan mic-vfxln dense, N.S.

14' spl - Ls: flood offwhite mic-vfxln dense, subchalky IP; lesser tan, lt-med brn vf-cryptoxln, no vis. por., N.S.

Sst: white vfg, tight, N.S.

Sh: med to dark gray with dark yellow, red-brn, maroon-gray

40' spl - influx lt gray, tan vfg silty Sst, finely micac. IP; multi-col shales AA

50' spl - Sh: vc gray, red-brn, dark yellow; Siltst: lt-dark gray, shaly and vfg sandy

60' spl - Sh: influx dark gray, silty, sl micac.; sl influx Sst: lt gray fg, with dess. pyrite, very scatt. glauc.

70' spl - predom. med to dark gray sandy shale and very shaly Sst

80' spl - Sst: good influx white fg, good inter-gran. por., sl glauc., silica cmt, N.S.; sl iflux med brn vfxln dolomite, N.S.

90' spl - Ls: flood tan, lt brn granular, no vis. por. and fn granular with offwhite micxn to subchalky matrix, rarely sl pyritic; some white chalky, N.S.

Ls: tan, lt brn fn granular with micxn to subchalky matrix; occ white chalky, N.S.

Ls: AA; becoming more lt brn granular, occ cryptoxln, less subchalky

20' spl - Ls: sl influx med brn cryptoxln; flood offwhite subchalky to chalky

30' spl - Ls: predom. lt-med brn fn granular to cryptoxln, subchalky matrix IP; sl influx tan, lt gray opq chert

40' spl - Ls: flood med brn granular, oolitic IP with micxn to vfxln matrix, occ moldic por., N.S.; Chert: offwhite, lt gray, sl orange tinted

CFS 4740' spl - Ls: lt-med brn mottled granular, sl oolitic with micxn matrix; occ dark brn cryptoxln; sl cherty AA

After review of sample shows, DST results and open hole log evaluation, the decision was made to run 5 1/2" casing for production testing

1:00 PM on 3-27-2011
wt vis wl pH chl
9.2 56 6.0 11.0 1400
PV YP GelS lcm solids
18 18 14/34 4# 6.4%

Cherokee Shale 4547' (-1534)
7:00 AM at 4550' on 3-28-2011
Lost 100 bbls circ at 4550' after DST No. 4
Morgan Mud Check at 4550'
12:20 PM on 3-28-2011
wt vis wl pH chl
9.2 69 6.4 10.5 3200
PV YP GelS lcm solids
20 25 17/39 3# 6.4%

4600' spl - Ls: various brn, gray vf-cryptoxln mottled IP; lesser offwhite, lt gray, tan mic-vfxln dense; shales AA; N.S.

Johnson Zn 4593' (-1580)
CFS 4614' 30" spl - Ls: lt-med brn cryptoxln and offwhite mic-vfxln dense, N.S.; 60" spl - dense Ls's AA with new lt green, lt gray-green, trace orange, brick red shales; occ lt gray vfg Sst, N.S.

7:00 AM at 4620' on 3-29-2011
DST No. 5 Johnson Zone
Interval: 4576'-4614'
Times: 30-60-60-90
IFP: strong bldg. to B.O.B. in 4 1/4 minutes
ISIP: Bldg. to B.O.B. in 28 minutes
FFP: good bldg. to B.O.B. in 14 minutes
FSIP: Bldg. to 7 3/4 inches
Recovery: 800' GIP; 160' CGO (30g, 67o, 3m); 85' G&MCO (35g, 54o, 11m); 178' G&MCO (20g, 72o, 8m); 60' G&MCO (35g, 45o, 20m);
oil gravity 26.2 API; total fluid 483'
FP: 66-143/155-200 SIP: 617-832 (still bldg.)
HP: 2196-2162 BHT: 127 deg. F

Mississippian 4673' (-1660)

Morgan Mud Check at 4715'
12:20 PM on 3-29-2011
wt vis wl pH chl
9.3 51 6.8 11.0 3000
PV YP GelS lcm solids
16 18 15/33 6# 7.1%

RTD reached at 2:30 PM on 3-29-2011
CFS/CTCH 1 1/4 hours - SHS - TOFL
Log prints completed at 12:15 AM 3-30-2011

LTD 4738' (-1725)

4750

to run 5 1/2 casing for production testing.

Respectfully submitted,

Wesley D. Hansen
Petroleum Geologist
Kansas License No. 418

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc
250 N. Water Suite 300
Wichita, KS 67202
ATTN: Wes Hansen

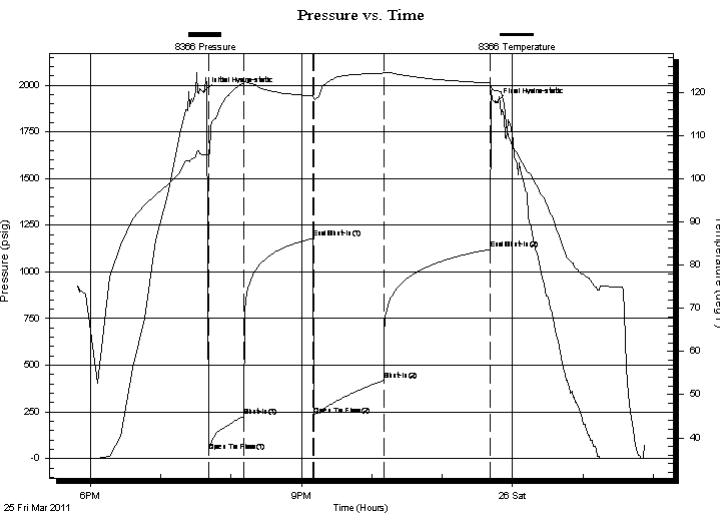
Kuhlman "E" #2-35
35/12s/32w Logan KS
Job Ticket: 040850 **DST#: 1**
Test Start: 2011.03.25 @ 17:49:00

GENERAL INFORMATION:

Formation: **Lans "I - J"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:40:30
Time Test Ended: 01:52:30
Interval: **4210.00 ft (KB) To 4260.00 ft (KB) (TVD)**
Total Depth: 4260.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: James Winder
Unit No: 46
Reference Elevations: 3013.00 ft (KB)
3002.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8366 Inside
Press @ Run Depth: 419.47 psig @ 4211.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.03.25 End Date: 2011.03.26 Last Calib.: 2011.03.26
Start Time: 17:49:05 End Time: 01:52:29 Time On Btm: 2011.03.25 @ 19:37:00
Time Off Btm: 2011.03.25 @ 23:45:30

TEST COMMENT: IF: Blow built to BOB (11") in 8 3/4 min.
IS: Surface blow back from 8 min. to 10 min., on/off blow till 20 min., then dead
FF: Blow built to BOB in 11 1/2 min.
FS: Bled off, No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1963.29	105.52	Initial Hydro-static
4	40.14	105.26	Open To Flow (1)
34	227.86	122.15	Shut-In(1)
93	1179.50	119.17	End Shut-In(1)
94	232.19	118.78	Open To Flow (2)
153	419.47	124.49	Shut-In(2)
244	1120.39	122.21	End Shut-In(2)
249	1908.71	120.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
680.00	MCW 92%w, 8%m	7.19
62.00	MW 55%w, 45%m	0.87
130.00	WCM w /trace of oil 63%m, 37%w	1.82

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co., Inc
250 N. Water Suite 300
Wichita, KS 67202
ATTN: Wes Hansen

Kuhlman "E" #2-35
35/12s/32w Logan KS
Job Ticket: 040850 **DST#: 1**
Test Start: 2011.03.25 @ 17:49:00

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:	ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.78 in ³	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
680.00	MCW 92%w , 8%m	7.188
62.00	MW 55%w , 45%m	0.870
130.00	WCM w/trace of oil 63%m, 37%w	1.824

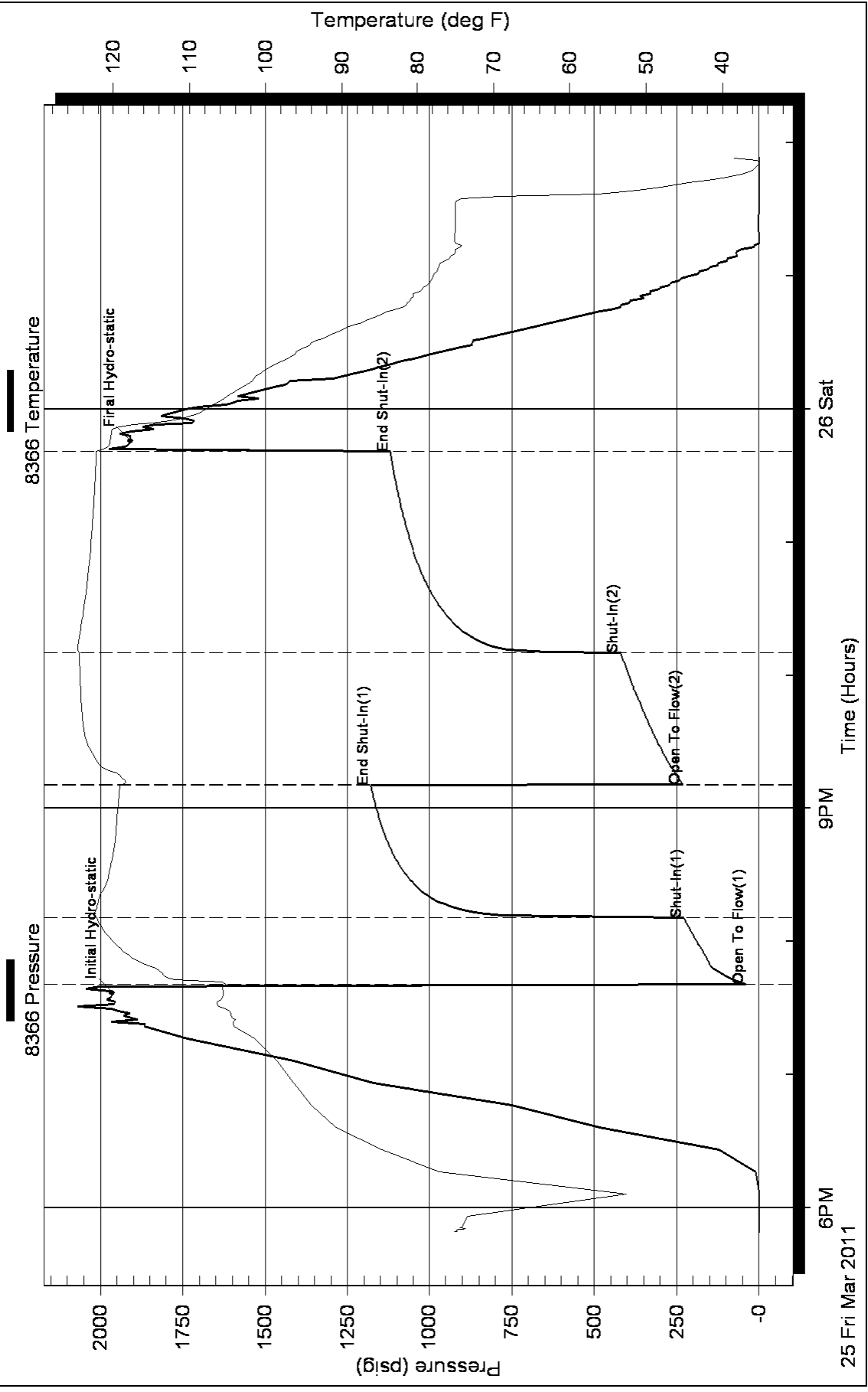
Total Length: 872.00 ft Total Volume: 9.882 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW = .378 ohms @ 36.8 deg F
Chlorides = 37,000 ppm

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc
250 N. Water Suite 300
Wichita, KS 67202
ATTN: Wes Hansen

Kuhlman "E" #2-35
35/12s/32w Logan KS
Job Ticket: 041976 **DST#: 2**
Test Start: 2011.03.26 @ 08:31:00

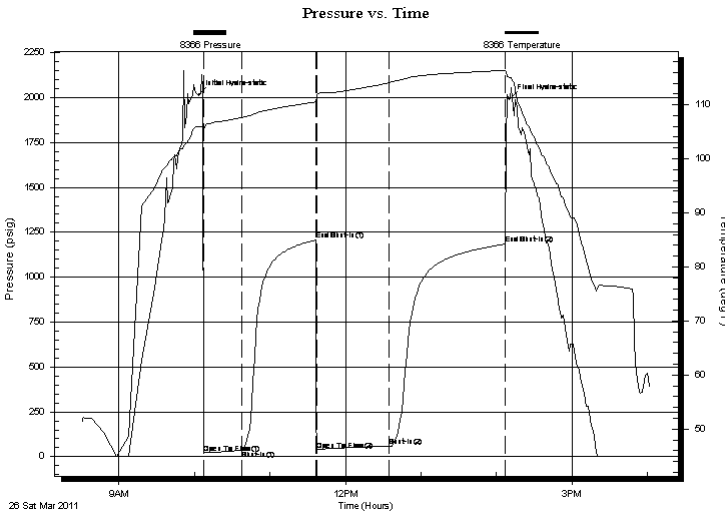
GENERAL INFORMATION:

Formation: **Lans. "K"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:07:00
Time Test Ended: 16:02:00
Interval: **4262.00 ft (KB) To 4280.00 ft (KB) (TVD)**
Total Depth: 4280.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: James Winder
Unit No: 46
Reference Elevations: 3013.00 ft (KB)
3002.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8366 Inside
Press @ Run Depth: 59.81 psig @ 4263.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.03.26 End Date: 2011.03.26 Last Calib.: 2011.03.26
Start Time: 08:31:05 End Time: 16:01:59 Time On Btm: 2011.03.26 @ 10:03:30
Time Off Btm: 2011.03.26 @ 14:10:30

TEST COMMENT: IF: Blow built to 5"
IS: Bled off, No blow back
FF: Blow built to 7 1/2"
FS: Bled off, No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2015.57	105.91	Initial Hydro-static
4	18.47	105.49	Open To Flow (1)
34	35.64	107.62	Shut-In(1)
93	1206.35	110.50	End Shut-In(1)
94	34.84	111.68	Open To Flow (2)
151	59.81	114.12	Shut-In(2)
243	1183.56	116.36	End Shut-In(2)
247	1993.43	114.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	CO 96%o, 4%m	0.05
10.00	OCM 65%m, 32%o, 3%g	0.05
60.00	WCGOM 43%m, 30%o, 20%g, 7%w	0.30
0.00	GIP = 220'	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
250 N. Water Suite 300
Wichita, KS 67202
ATTN: Wes Hansen

Kuhlman "E" #2-35
35/12s/32w Logan KS
Job Ticket: 041976 **DST#: 2**
Test Start: 2011.03.26 @ 08:31:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 39.6 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 61.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.40 in ³	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 bbl
10.00	CO 96%o, 4%m	0.049
10.00	OCM 65%m, 32%o, 3%g	0.049
60.00	WCGOM 43%m, 30%o, 20%g, 7%w	0.295
0.00	GIP = 220'	0.000

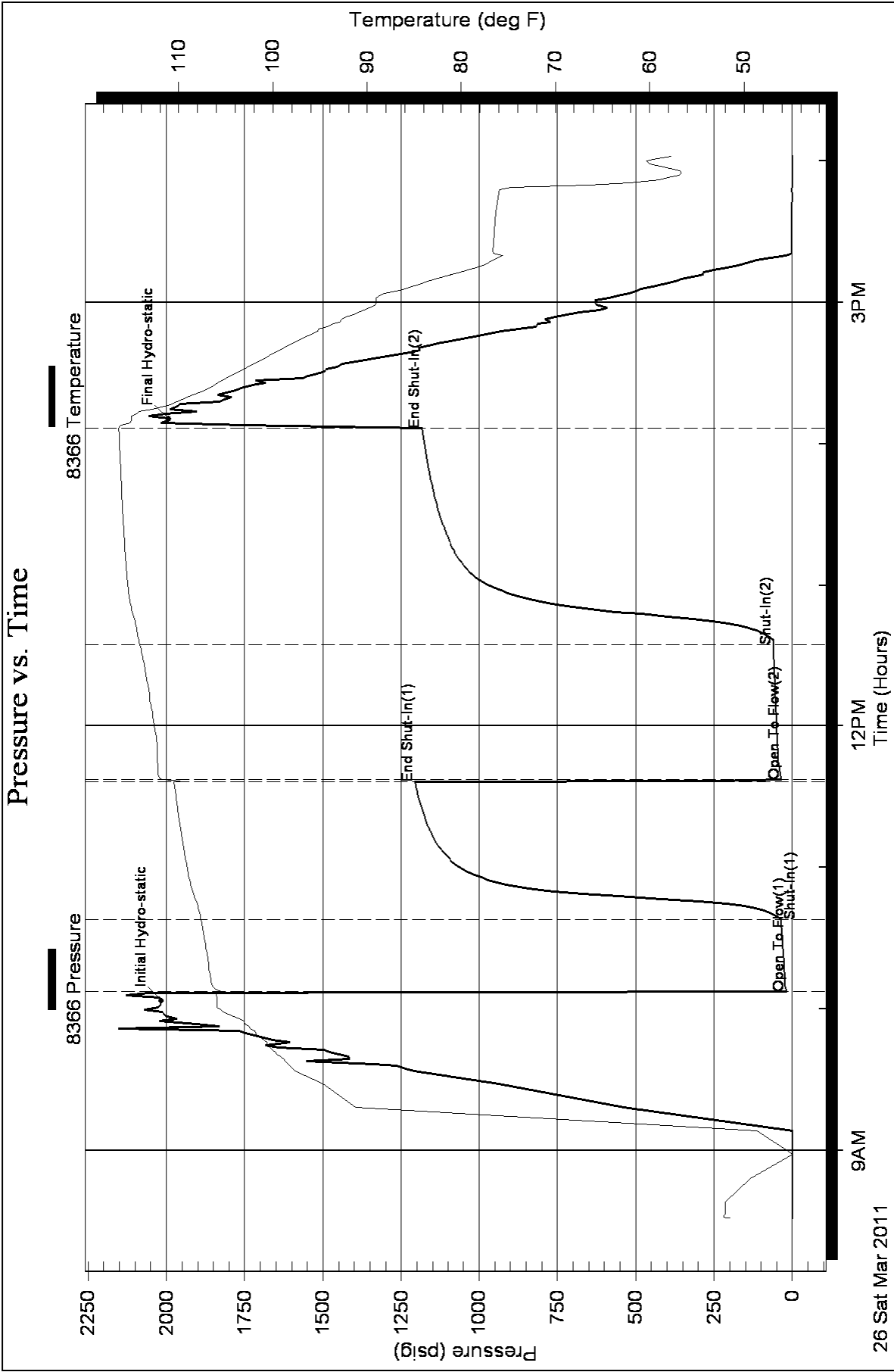
Total Length: 80.00 ft Total Volume: 0.393 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Gravity = 38.6 api @ 50 deg F
Corrected Gravity = 39.6 api

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc
250 N. Water Suite 300
Wichita, KS 67202
ATTN: Wes Hansen

Kuhlman "E" #2-35
35/12s/32w Logan KS
Job Ticket: 041977 **DST#: 3**
Test Start: 2011.03.27 @ 08:47:00

GENERAL INFORMATION:

Formation: **Marmaton / Upper Paw**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:32:00

Time Test Ended: 15:38:30

Test Type: Conventional Bottom Hole

Tester: James Winder

Unit No: 46

Interval: 4328.00 ft (KB) To 4490.00 ft (KB) (TVD)

Total Depth: 4490.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3013.00 ft (KB)

3002.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8366

Inside

Press @ Run Depth: 253.96 psig @ 4329.00 ft (KB)

Start Date: 2011.03.27

End Date:

2011.03.27

Start Time: 08:47:05

End Time:

15:38:29

Capacity: 8000.00 psig

Last Calib.: 2011.03.27

Time On Btm: 2011.03.27 @ 10:28:30

Time Off Btm: 2011.03.27 @ 13:37:00

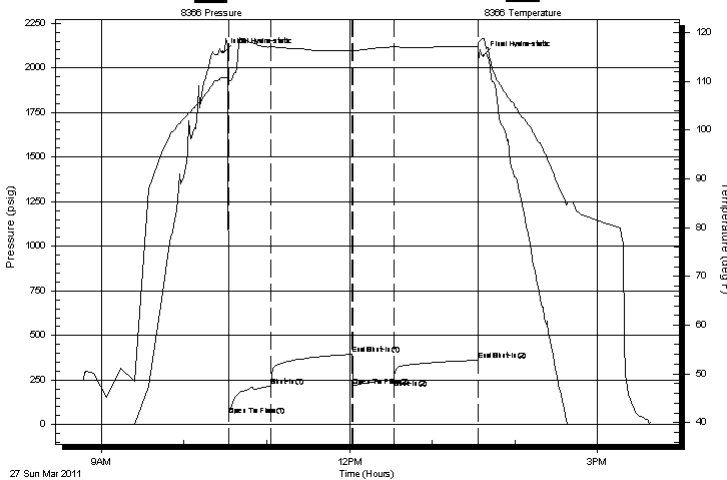
TEST COMMENT: IF: Blow built to BOB (11") in 6 1/2 min.

IS: Bled off, No blow back

FF: Blow built to 8"

FS: Bled off, No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2086.09	110.72	Initial Hydro-static
4	51.77	110.10	Open To Flow (1)
35	216.70	117.08	Shut-In(1)
93	394.49	116.23	End Shut-In(1)
94	217.93	116.19	Open To Flow (2)
124	253.96	117.06	Shut-In(2)
185	360.84	117.17	End Shut-In(2)
189	2068.08	118.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
238.00	SO/GWCM 70% m, 19% w, 10% g, 1% o	1.17
126.00	SOGM 90% m, 9% g, 1% o	1.59
126.00	Mud 100% w / trace of oil	1.77

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co., Inc
250 N. Water Suite 300
Wichita, KS 67202
ATTN: Wes Hansen

Kuhlman "E" #2-35
35/12s/32w Logan KS
Job Ticket: 041977 **DST#: 3**
Test Start: 2011.03.27 @ 08:47:00

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:	25000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.00 in ³	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 bbl
238.00	SO/GWCM 70%m, 19%w , 10%g, 1%o	1.170
126.00	SOGM 90%m, 9%g, 1%o	1.585
126.00	Mud 100% w /trace of oil	1.767

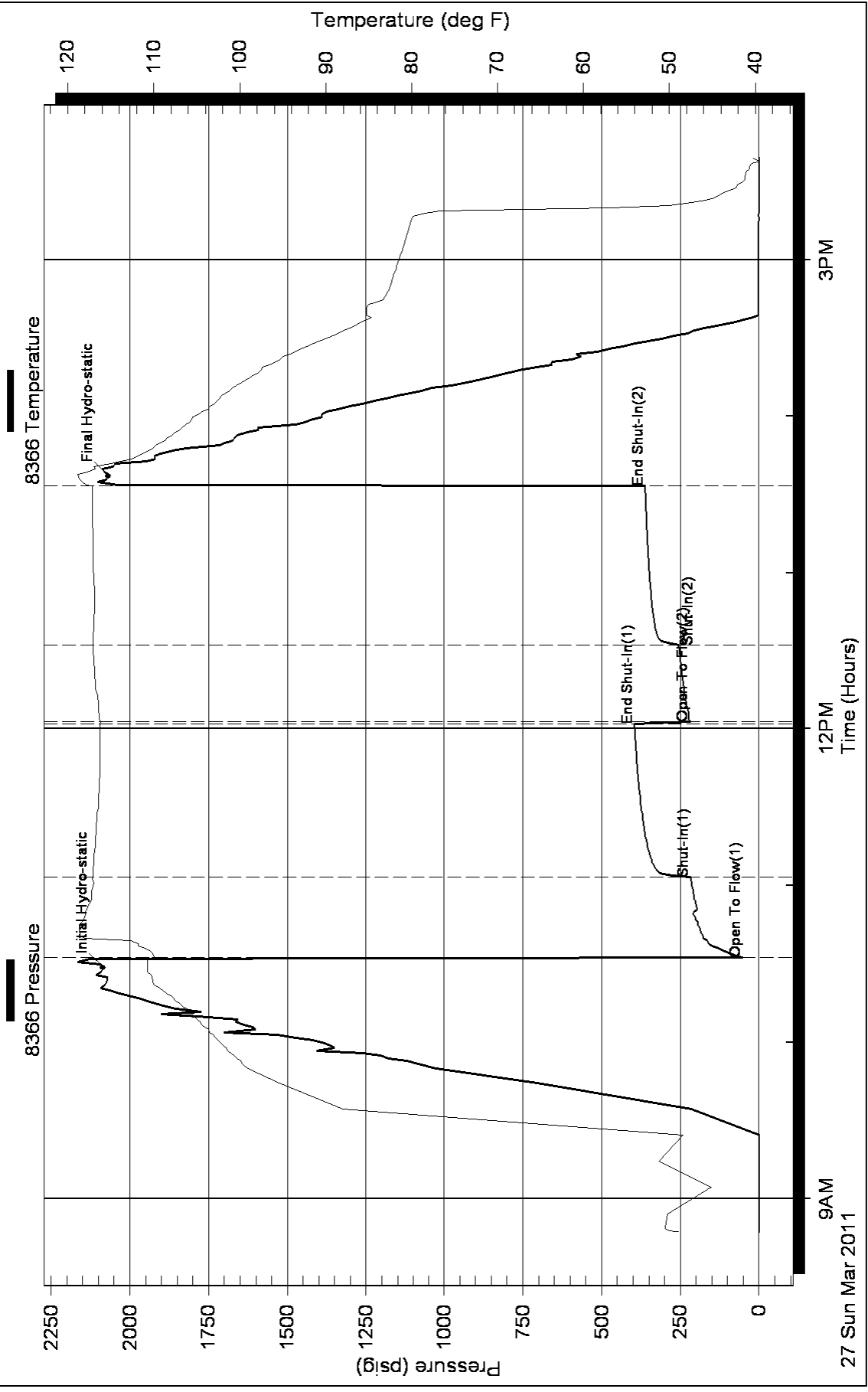
Total Length: 490.00 ft Total Volume: 4.522 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW = .538 ohms @ 36.5 deg F Chlorides = 25,000 ppm

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc
250 N. Water Suite 300
Wichita, KS 67202
ATTN: Wes Hansen

Kuhlman "E" #2-35
35/12s/32w Logan KS
Job Ticket: 041978 **DST#: 4**
Test Start: 2011.03.28 @ 02:03:00

GENERAL INFORMATION:

Formation: **Myrick Station / Ft.**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:53:00
 Time Test Ended: 09:47:00
 Interval: **4490.00 ft (KB) To 4550.00 ft (KB) (TVD)**
 Total Depth: 4550.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: James Winder
 Unit No: 46
 Reference Elevations: 3013.00 ft (KB)
 3002.00 ft (CF)
 KB to GR/CF: 11.00 ft

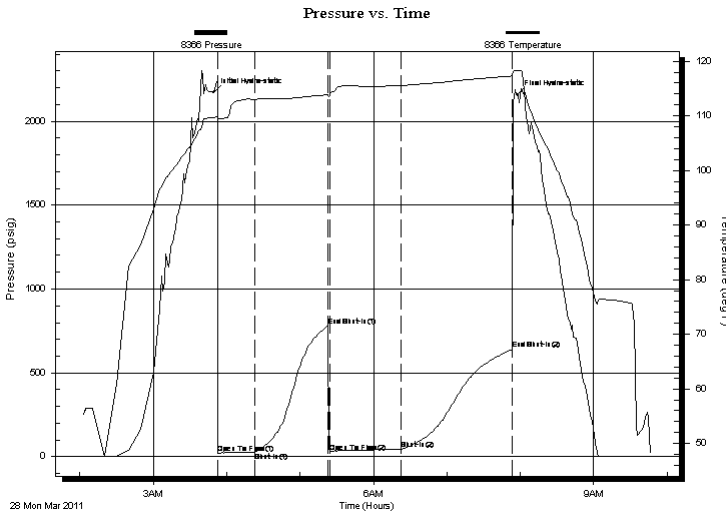
Serial #: 8366

Inside

Press @ Run Depth: 43.91 psig @ 4491.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.03.28 End Date: 2011.03.28 Last Calib.: 2011.03.28
 Start Time: 02:03:05 End Time: 09:46:59 Time On Btm: 2011.03.28 @ 03:49:30
 Time Off Btm: 2011.03.28 @ 07:57:30

TEST COMMENT: IF: Blow built to 5"
 IS: Surface blow back at 13 min., built to 1/4"
 FF: 1 1/2" blow at open, built to 9 1/2"
 FS: Surface blow back, did not build

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2171.61	109.65	Initial Hydro-static
4	19.78	109.56	Open To Flow (1)
34	29.07	113.01	Shut-In(1)
94	778.97	113.87	End Shut-In(1)
95	27.98	113.72	Open To Flow (2)
153	43.91	115.53	Shut-In(2)
244	639.18	117.29	End Shut-In(2)
248	2157.99	118.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	CO 93%o, 5%m, 2%g	0.00
60.00	GMCO 45%o, 30%m, 25%g	0.30
0.00	GIP = 240'	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
250 N. Water Suite 300
Wichita, KS 67202
ATTN: Wes Hansen

Kuhlman "E" #2-35
35/12s/32w Logan KS
Job Ticket: 041978 **DST#: 4**
Test Start: 2011.03.28 @ 02:03:00

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:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: 2.00 inches			

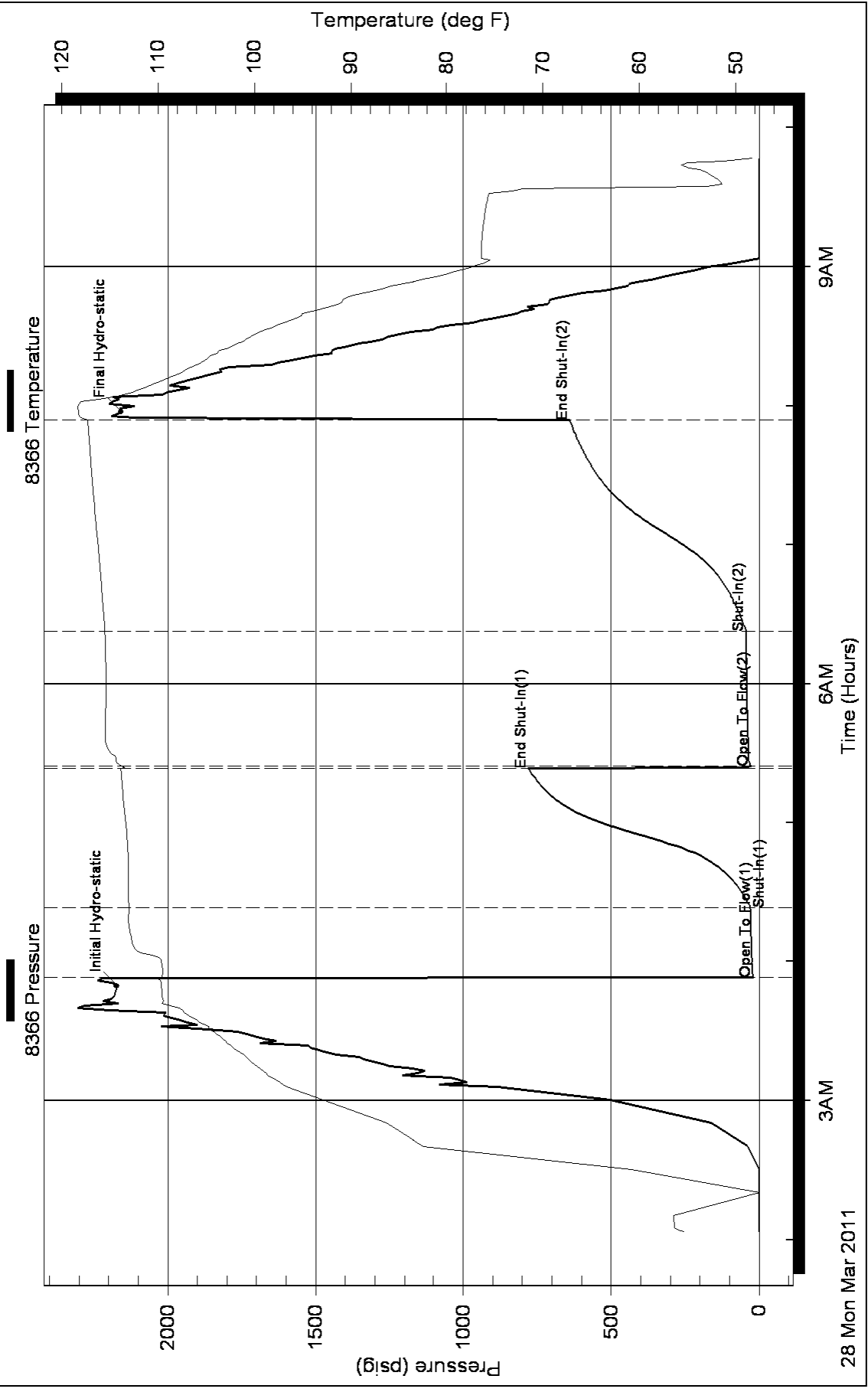
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	CO 93%o, 5%m, 2%g	0.005
60.00	GMCO 45%o, 30%m, 25%g	0.295
0.00	GIP = 240'	0.000

Total Length: 61.00 ft Total Volume: 0.300 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
250 N. Water Suite 300
Wichita, KS 67202
ATTN: Wes Hansen

Kuhlman "E" #2-35
35/12s/32w Logan KS
Job Ticket: 041979 **DST#: 5**
Test Start: 2011.03.28 @ 19:31:00

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:27:00
Time Test Ended: 04:06:30
Interval: **4576.00 ft (KB) To 4614.00 ft (KB) (TVD)**
Total Depth: 4614.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 3013.00 ft (KB)
3002.00 ft (CF)
KB to GR/CF: 11.00 ft
Test Type: Conventional Bottom Hole
Tester: James Winder
Unit No: 46

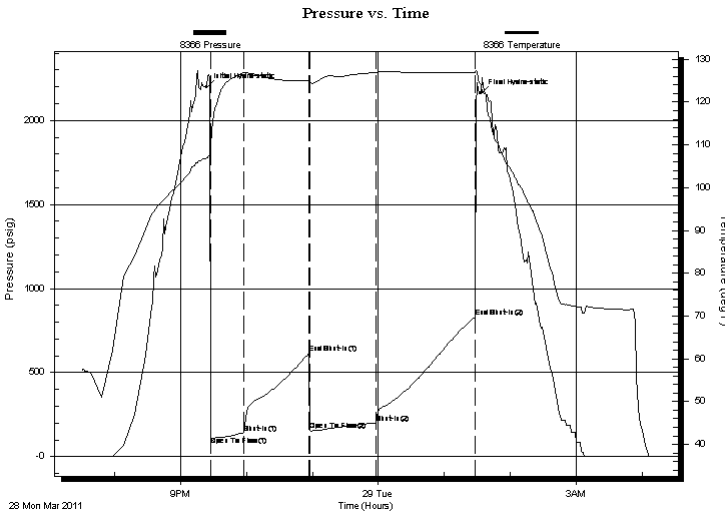
Serial #: 8366

Inside

Press @ Run Depth: 200.45 psig @ 4577.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.03.28 End Date: 2011.03.29 Last Calib.: 2011.03.29
Start Time: 19:31:05 End Time: 04:06:30 Time On Btm: 2011.03.28 @ 21:23:30
Time Off Btm: 2011.03.29 @ 01:33:00

TEST COMMENT: IF: Blow built to BOB (11") in 4 1/4 min.
IS: Blow back built to BOB in 28 min.
FF: Blow built to BOB in 14 min.
FS: Blow back built to 7 3/4"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2196.43	106.87	Initial Hydro-static
4	66.14	108.93	Open To Flow (1)
34	142.70	126.90	Shut-In(1)
94	617.47	124.91	End Shut-In(1)
94	154.66	124.69	Open To Flow (2)
154	200.45	126.94	Shut-In(2)
245	832.31	126.84	End Shut-In(2)
250	2161.69	124.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GMCO 45%o, 35%g, 20%m	0.30
178.00	GMCO 72%o, 20%g, 8%m	0.88
85.00	GMCO 54%o, 35%g, 11%m	1.19
160.00	CGO 67%o, 30%g, 3%m	2.24
0.00	GIP = 800'	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
250 N. Water Suite 300
Wichita, KS 67202
ATTN: Wes Hansen

Kuhlman "E" #2-35
35/12s/32w Logan KS
Job Ticket: 041979 **DST#: 5**
Test Start: 2011.03.28 @ 19:31:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 26.2 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 69.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.39 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3200.00 ppm		
Filter Cake: 2.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GMCO 45%o, 35%g, 20%m	0.295
178.00	GMCO 72%o, 20%g, 8%m	0.875
85.00	GMCO 54%o, 35%g, 11%m	1.192
160.00	CGO 67%o, 30%g, 3%m	2.244
0.00	GIP = 800'	0.000

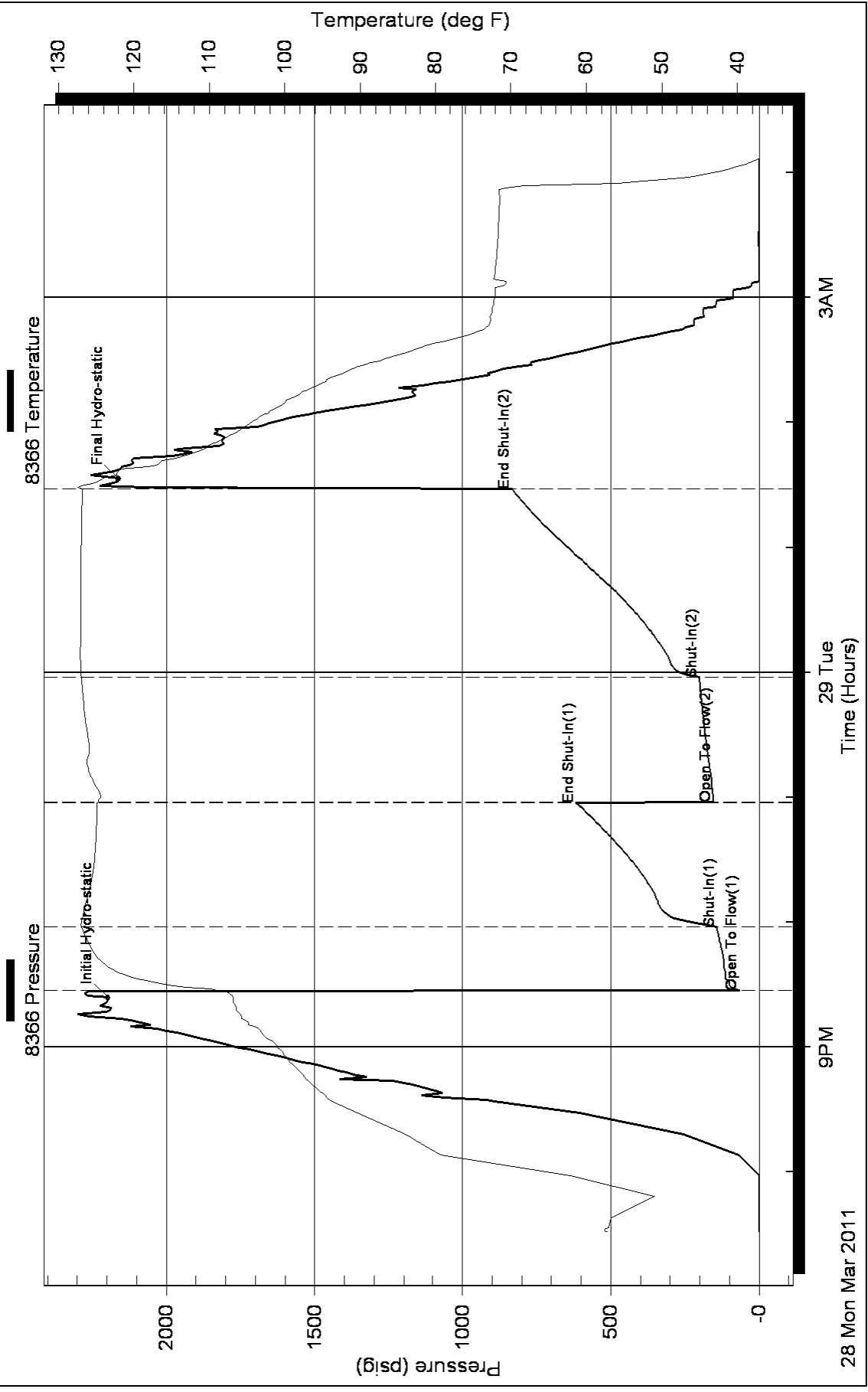
Total Length: 483.00 ft Total Volume: 4.606 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Gravity = 24 api @ 38 deg F
Corrected Gravity = 26.2 api

Pressure vs. Time





PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887
Fax: (785) 483-5566

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

Federal Tax I.D.#: 20-5975804

*fin
Cust.*
INVOICE

Invoice Number: 126640
Invoice Date: Mar 21, 2011
Page: 1

moc

Customer ID	Well Name# or Customer P.O.	Payment Terms
Murfin	Kulman E #2-35	Net 30 Days
Job Location	Camp Location	Service Date
KS1-01	Oakley	Mar 21, 2011
		Due Date
		4/20/11

Quantity	Item	Description	Unit Price	Amount
165.00	MAT	Class A Common	15.45	2,549.25
5.00	MAT	Chloride	58.20	291.00
170.00	SER	Handling	2.40	408.00
10.00	SER	Mileage 170 sx @ .10 per sk per mi	17.00	170.00
1.00	SER	Surface	1,018.00	1,018.00
10.00	SER	Pump Truck Mileage	7.00	70.00
1.00	CEMENTER	Danny Miller		
1.00	EQUIP OPER	Wayne McHughy		
2.00	OPER ASSIST	Wil Howard		

Subtotal	4,506.25
Sales Tax	207.34
Total Invoice Amount	4,713.59
Payment/Credit Applied	
TOTAL	4,713.59

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

\$ ~~7251.82~~

ONLY IF PAID ON OR BEFORE

Apr 15, 2011

Per Judy
35%

OK

W
- 1577.19
3136.40

ALLIED CEMENTING CO., LLC. 039790

Federal Tax I.D.# 20-5975804

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

SERVICE POINT

Oakley

DATE <u>3-21-11</u>	SEC <u>35</u>	TWP. <u>12</u>	RANGE <u>32</u>	CALLED OUT <u>5:00</u>	ON LOCATION <u>6:00 p.m.</u>	JOB START <u>6:30 p.m.</u>	JOB FINISH <u>7:00 p.m.</u>
LEASEE <u>Kulman</u>	WELL # <u>2-35</u>	LOCATION <u>Oakley 18^s</u>			COUNTY <u>Cogan</u>	STATE <u>KW</u>	
OLD OR NEW (Circle one)							

CONTRACTOR MurFin Drilling Rig 21 OWNER MurFin

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 226

CASING SIZE 8 5/8 DEPTH 274

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT 13.5 BBL

EQUIPMENT

Day milk

PUMP TRUCK CEMENTER Wayne

422 HELPER Will

BULK TRUCK DRIVER

404 DRIVER

BULK TRUCK DRIVER

#

REMARKS:

12 BBL cem return

Thank you

CHARGE TO: MurFin

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB 225

PUMP TRUCK CHARGE 0-300 1018.00

EXTRA FOOTAGE @

MILEAGE HV 10 @ 2.00 70.00

MANIFOLD @

@

@

TOTAL 1088.00

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@

8 5/8 Swedge Rental @

@

@

@

@

@

N/C

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.

SALES TAX (If Any)

TOTAL CHARGES

PRINTED NAME Susan Truoco

DISCOUNT

IF PAID IN 30 DAYS

SIGNATURE

Susan Truoco

TOTAL

Acoby

cc: WJF
cc: LRP
Scan: Liz



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



Invoice

DATE	INVOICE #
4/5/2011	19410

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

- Acidizing
- Cement
- Tool Rental

Kushman

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Nct 30	#2-35	Kyhiman E	Logan	Company Tools	Oil	Development	Cement Port Collar	Roger
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	
279	Bentonite Gel			1	Sack(s)	25.00	25.00T	
290	D-Air			2	Gallon(s)	35.00	70.00T	
330	Swift Multi-Density Standard (MIDCON II)			230	Sacks	15.00	3,450.00T	
276	Floccle			88	Lb(s)	1.50	132.00T	
581D	Service Charge Cement			350	Sacks	1.50	525.00	
583D	Drayage			1,393.6	Ton Miles	1.00	1,393.60	
	Subtotal						7,095.60	
	Sales Tax Logan County					7.80%	286.81	
				USED FOR NEW WELL				
				APPROVED				
							Total	\$7,382.41

We Appreciate Your Business!



CHARGE TO: Murfin Drlg. Co. Inc.
 ADDRESS _____
 CITY, STATE, ZIP CODE _____

TICKET
19410

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>NESS City, Ks.</u>	WELL/PROJECT NO. <u>2-35</u>	LEASE <u>Kuhlman E</u>	COUNTY/PARISH <u>Logan</u>	STATE <u>Ks.</u>	CITY	DATE <u>4-5-11</u>	OWNER <u>Same</u>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Co. Tools</u>	RIG NAME/NO.	SHIPPED VIA <u>CIT</u>	DELIVERED TO <u>Loc.</u>	ORDER NO.	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Cmt. Port Call</u>	WELL PERMIT NO.	WELL LOCATION <u>S. Oakley, Ks.</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF			U/M				
575		1			MILEAGE TRK # 114	80	mi	5	00	400	00
576 D		1			Pump Service	1	ea	1,100	00	1,100	00
279		1			Restonite Gel	1	sk	25	00	25	00
290		1			D-Air	2	gal	35	00	70	00
330		1			SMD Cement	230	sk	15	00	3450	00
276		1			Flocele	88	lb.	1	50	132	00
581		1			Service Charge	350	sk	1	50	525	00
583		1			Drayage	1393.6	Ton miles	1	00	1,393	60

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 [Signature]
 DATE SIGNED _____ TIME SIGNED _____
 A.M.
 P.M.

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	7,095	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?				Logan TAX 71890	286	81
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	7382	41
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						

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

SWIFT OPERATOR [Signature] APPROVAL _____

Thank You!



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

Invoice

DATE	INVOICE #
3/30/2011	19588

BILL TO

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator	
Net 30	#2-35	Kuhlman E	Logan	Company Tools #21	Oil	Development	LongString	Nick	
PRICE REF.	DESCRIPTION							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	100.00	
280		Flocheck 21			500	Gallon(s)	2.50	1,250.00	
402-5		5 1/2" Centralizer			11	Each	65.00	715.00	
403-5		5 1/2" Cement Basket			2	Each	230.00	460.00	
404-5		5 1/2" Port Collar			1	Each	2,100.00	2,100.00	
406-5		5 1/2" Latch Down Plug & Baffle			1	Each	225.00	225.00	
407-5		5 1/2" Insert Float Shoe With Auto Fill			1	Each	300.00	300.00	
413-5		5 1/2" Roto Wall Scratcher			20	Each	40.00	800.00	
419-5		5 1/2" Rotating Head Rental			1	Each	150.00	150.00	
325		Standard Cement			225	Sacks	12.00	2,700.00	
276		Flocele			50	Lb(s)	1.50	75.00	
283		Salt			1,150	Lb(s)	0.15	172.50	
284		Calseal			11	Sack(s)	30.00	330.00	
285		CFR-1			100	Lb(s)	4.00	400.00	
581D		Service Charge Cement			225	Sacks	1.50	337.50	
583D		Drayage			846	Ton Miles	1.00	846.00	
		Subtotal						12,761.00	
		Sales Tax Logan County					7.80%	762.65	
		<p>USED FOR NEW WELL</p> <p>APPROVED _____</p>							
		Total							\$13,523.65

We Appreciate Your Business!



CHARGE TO: Murfin Drilg Co. Inc.
 ADDRESS _____
 CITY, STATE, ZIP CODE _____

TICKET
19588

PAGE 1 OF 2

SERVICE LOCATIONS
 1. Hays, Ks
 2. Ness City, Ks
 3. _____
 4. _____

WELL/PROJECT NO. #2-35 LEASE Kuhlman "E" COUNTY/PARISH Logan STATE Ks CITY _____ DATE 3-30-11 OWNER Same

TICKET TYPE SERVICE SALES CONTRACTOR Co Tools #21 RIG NAME/NO. _____ SHIPPED VIA CT Location DELIVERED TO _____ ORDER NO. _____

WELL TYPE oil WELL CATEGORY development JOB PURPOSE Longstring WELL PERMIT NO. _____ WELL LOCATION _____

REFERRAL LOCATION _____ INVOICE INSTRUCTIONS _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE #111	80	mi			5.00	400	00
578		1			Pump Charge (Longstring)	1	ea			1400.00	1400	00
221		1			KCL	4	gal			25.00	100	00
280		1			Flochek-21	500	gal			2.50	1250	00
402		1			Centralizers	11	ea	5 1/2"		65.00	715	00
403		1			Baskets	2	ea			230.00	460	00
404		1			Port Collar	1	ea			2100.00	2100	00
406		1			L.D. Plug & Baffle	1	ea			225.00	225	00
407		1			Insert Float Shoe w/fill	1	ea			300.00	300	00
413		1			Rotwall Scrapers	20	ea			40.00	800	00
419		1			Rotating Head	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 Kevin Wilson
 DATE SIGNED 3-30-11 TIME SIGNED 1330 A.M. P.M.

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE		
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL 1	7900.00
WE UNDERSTOOD AND MET YOUR NEEDS?				page 2	4861.00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	12761.00
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	762.65
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	13,523.65
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

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

SWIFT OPERATOR Mark Korbe APPROVAL _____

Thank You!



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

TICKET CONTINUATION

TICKET No. 19588

CUSTOMER Murfin Drilg Co Inc WELL Kalmag "E" 2-35 DATE 3-30-11 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			U/M	U/M			
325		2				Standard Cement	225	sk	12.00	2700.00	
276		2				Floccite	50	#	1.50	75.00	
283		2				Salt	1150	#	.15	172.50	
284		2				Calseal	11	sk	30.00	330.00	
285		2				CFR-1	100	#	4.00	400.00	
		2									
581		2				SERVICE CHARGE	225	sk	7.50	337.50	
583		2				MILEAGE CHARGE			1.00	846.00	
						TOTAL WEIGHT	80	mi			
						LOADED MILES	846				
						TON MILES					
CONTINUATION TOTAL										4861.00	

JOB LOG

SWIFT Services, Inc.

CUSTOMER Marta Daly Co. Inc.	WELL NO. #2-35	LEASE Helena "E"	JOB TYPE Logging	TICKET NO. 19588	DATE	PAGE	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
							T	C	TUBING	CASING	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)								
	0700										on loc w/FE
											RTD 4740' LTD 4738'
											5 1/2" x 15.5" # x 4241' x 21'
											Cont 6.3, 5.7, 9.4, 13, 15, 17, 19, 5.1
											Basket 51, 52
											P.C. 52 @ 2572'
	0800										start F, E,
	0925										1/2 in Circ. 20 min
											Bottom Circ
	1215	4	0					150			Start KCL Flush 15 bbl
	1219	4	18/0					150			Start Flochet -21 500gal
	1222	4	12/0					150			Start KCL Flush 5.6 bbl
	1223	4	5/0					200			Start Cement
	1231	5	42								End Cement
											Wash PPK
											Prep K.P. Plug
	1238	6	0					200			Start Displacement
	1252	5	82					250			Catch Cement
	1300		112.3					600			Land Plug
											Release pressure
											Float Hold
	1310	2.5	7/5								Plug RH 9AH
											Thank you
											Nick, Josh, F. & John