



KANSAS CORPORATION COMMISSION 1098583
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33922
Name: Mustang Energy Corporation
Address 1: PO BOX 1121
Address 2:
City: HAYS State: KS Zip: 67601 +
Contact Person: Rod Brin
Phone: (785) 623-0533
CONTRACTOR: License # 31548
Name: Discovery Drilling
Wellsite Geologist: Jeff Lawler
Purchaser: Coffeyville

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 #:

7/7/2012	7/16/2012	7/17/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-063-22008-00-00
Spot Description:
SW SE SE NE Sec. 24 Twp. 14 S. R. 29 East West
2750 Feet from North / South Line of Section
550 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Gove
Lease Name: Beesley K Well #: 5
Field Name: Unnamed
Producing Formation: Fort Scott & Lansing KC
Elevation: Ground: 2633 Kelly Bushing: 2636
Total Depth: 4400 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 220 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2480 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: 19000 ppm Fluid volume: 400 bbls
Dewatering method used: Evaporated
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: Deanna Garriso Date: 10/31/2012



1098583

Operator Name: Mustang Energy Corporation Lease Name: Beesley K Well #: 5
 Sec. 24 Twp. 14 S. R. 29 East West County: Gove

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Micro, dual induction, compensated Neutron Density	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Topeka</td> <td>3453</td> <td>-817</td> </tr> <tr> <td>Heebner</td> <td>3714</td> <td>-1078</td> </tr> <tr> <td>LKC</td> <td>3751</td> <td>-1115</td> </tr> <tr> <td>BKC</td> <td>4068</td> <td>-1432</td> </tr> <tr> <td>Ft Scott</td> <td>4251</td> <td>-1615</td> </tr> <tr> <td>Mississippi</td> <td>4363</td> <td>-1727</td> </tr> </table>	Name	Top	Datum	Topeka	3453	-817	Heebner	3714	-1078	LKC	3751	-1115	BKC	4068	-1432	Ft Scott	4251	-1615	Mississippi	4363	-1727
Name	Top	Datum																				
Topeka	3453	-817																				
Heebner	3714	-1078																				
LKC	3751	-1115																				
BKC	4068	-1432																				
Ft Scott	4251	-1615																				
Mississippi	4363	-1727																				

CASING RECORD <input checked="" 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
Surface	12.25	8.625	23	220	common	150	2%Gel&3%CC
Production	7.875	4.5	11.6	4399	common	180	10%salt-5%Gil

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	2502-0	QMDC	280	QMDC 1/4# flo seal per sk

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
4	4332-34	250 15% mud acid	
4	4252-54	250 15% mud acid	
4	4177-79	250 15% mud acid	
1	4058,4015,3990	750 gal, 15% mud acid	

TUBING RECORD: Size: 2.375 Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. 8/1/2012 Producing Method: Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	30				10			

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-1B.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" 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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MUSTANG ENERGY CORPORATION

Scale 1:240 Imperial

Well Name: BEESLEY UNIT #1
Surface Location: SW SE SE NE 24 - 14S - 24W
Bottom Location:
API: 15-063-22008-0000
License Number: 33922
Spud Date: 7/7/2012 Time: 1:30 PM
Region: GOVE
Drilling Completed: 7/16/2012 Time: 7:13 AM
Surface Coordinates: 2750' FSL & 550' FEL
Bottom Hole Coordinates:
Ground Elevation: 2628.00ft
K.B. Elevation: 2636.00ft
Logged Interval: 220.00ft To: 4402.00ft
Total Depth: 4400.00ft
Formation:
Drilling Fluid Type: FRESH WATER/CHEMICAL GEL

OPERATOR

Company: MUSTANG ENERGY CORPORATION
Address: P.O. BOX 1121
HAYS, KS 67601
Contact Geologist: ROD BRIN
Contact Phone Nbr: (785) 623-0533
Well Name: BEESLEY UNIT #1
Location: SW SE SE NE 24 - 14S - 24W API: 15-063-22008-0000
Pool: UNNAMED
State: KANSAS Country: USA

SURFACE CO-ORDINATES

Well Type: Vertical
Longitude: -100.4856224 Latitude: 38.8221605
N/S Co-ord: 2750' FSL
E/W Co-ord: 550' FEL

LOGGED BY



Company: SOLUTIONS CONSULTING
Address: 108 W 35TH
HAYS, KS 67601
Phone Nbr: (785) 259-3737
Logged By: Geologist Name: JEFF LAWLER

CONTRACTOR

Contractor: DISCOVERY DRILLING
Dig #: 1

Rig Type: MUD ROTARY
 Spud Date: 7/7/2012
 TD Date: 7/16/2012
 Rig Release: 7/18/2012

Time: 1:30 PM
 Time: 7:13 AM
 Time: 12:00 PM

ELEVATIONS

K.B. Elevation: 2636.00ft Ground Elevation: 2628.00ft
 K.B. to Ground: 8.00ft

NOTES

DUE TO THE ECONOMICAL RECOVERY AND SHUT IN PRESSURES ON DRILL STEM TEST #6 DECISION WAS MADE TO RUN 4 1/2" PRODUCTION CASING AND FURTHER EVALUATE ZONES OF INTEREST.

RESPECTFULLY SUBMITTED,
 JEFF LAWLER

WELL COMPARISON SHEET

FORMATION	BEESELEY UNIT #1				BEESELEY #1-24				SMITH P #1				BEESELEY #2			
	SW NE SE 24-14-29				N2 S2 NE 24-14-29				SW SE NW 19-14-28				S2 N2 SW 19-14-28			
	2635		2624		2648		2626		2621		2621		2621			
	KB	LOG TOPS	SAMPLE TOPS	COMP. CARD	LOG	SMPL.	COMP. CARD	LOG	SMPL.	COMP. CARD	LOG	SMPL.	COMP. CARD	LOG	SMPL.	
DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	
ANHYDRITE TOP	2067	569	2067	569	2046	578				2057	569			2053	568	
BASE	2099	534	2102	534	2080	544				2089	537			2087	534	
TOPKIA	3453	-816	3452	-816	3455	-811				3473	-825			3458	-817	
HEBNER SHALE	3714	-1078	3714	-1078	3696	-1072				3736	-1088			3715	-1087	
TOMONTO	3795	-1098	3794	-1098	3715	-1091				3795	-1109			3722	-1101	
LKC	3751	-1113	3749	-1113	3732	-1108				3772	-1124			3752	-1126	
MUNDE CREEK	3908	-1270	3906	-1270	3889	-1265				3929	-1281			3892	-1271	
STARK SHALE	4001	-1364	4000	-1364	3979	-1355				4019	-1371			3980	-1359	
BKC	4068	-1432	4068	-1432	4047	-1423				4098	-1440			4063	-1437	
MARMATON	4097	-1460	4096	-1460	4074	-1450				4115	-1467			4092	-1466	
PAWNEE	4176	-1533	4169	-1533	4161	-1527				4188	-1540			4167	-1541	
MYRICK STATION	4223	-1587	4223	-1587	4207	-1583				4244	-1596			4211	-1590	
ET. SCOTT	4251	-1614	4250	-1614	4234	-1610				4271	-1623			4238	-1617	
CHEWEEK SHALE	4276	-1642	4278	-1642	4260	-1636				4295	-1647			4265	-1644	
JOHNSON ZONE	4325	-1684	4320	-1684	4308	-1684				4348	-1695			4316	-1695	
MISSISSIPPIAN	4363	-1727	4366	-1730	4346	-1722				4392	-1744			4363	-1742	
RTD			4400	-1764	4440	-1816				4425	-1777			4440	-1819	
LTD	4402	-1786			4444	-1820				4421	-1773			4435	-1814	

DST #1 LKC "I" 3946' - 3980' (MISRUN)



TRIOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mustang Energy Corp.
 PO Box 1121
 Mays Kansas 67601
 ATTN: Jeff Lawler

24-14s-29w-Gove
Beesley Unit #1
 Job Ticket: 46939 DST#: 1
 Test Start: 2012.07.12 @ 20:55:44

GENERAL INFORMATION:

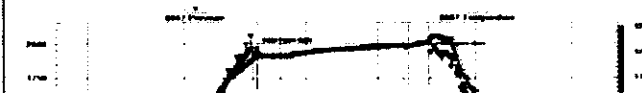
Formation: LCK "I"
 Deviated: No Whipstock ft (KB)
 Time Tool Opened: 22 45:29
 Time Test Ended: 02 13:29
 Interval: 3946.00 ft (KB) To 3980.00 ft (KB) (TVD)
 Total Depth: 3980.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Tate Lang
 Unit No: 55
 Reference Elevations: 2636.00 ft (KB)
 2628.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6667

Press@RunDepth: 104.46 psig @ ft (KB) Capacity: 8000.00 psig
 Start Date: 2012 07 12 End Date: 2012 07 13 Last Calib: 2012 07 13
 Start Time: 20:55:59 End Time: 02:13:29 Time On Btm: 2012 07 12 @ 22:45:14
 Time Off Btm: 2012 07 13 @ 00:32:14

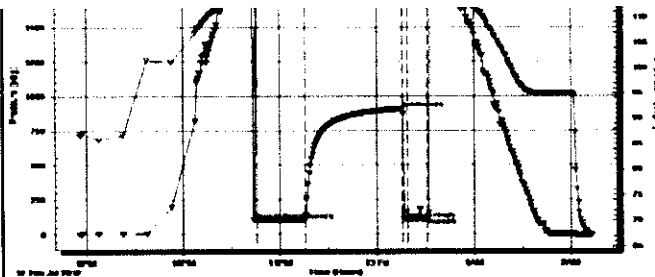
TEST COMMENT: IF-Weak Surface Blow Died In 12 Mins.
 ISI-Dead No Blow Back
 FF-Dead No Blow Flushed 10 mins. Tool Dead No Blow 5 mins
 FSI-T.O.H

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1962.17	120.00	Initial Hydro-static
1	103.89	119.54	Open To Flow(1)



31	104.46	119.81	Shut-In(1)
91	906.98	121.32	End Shut-In(1)
94	107.83	121.07	Open To Flow(2)
106	108.91	121.98	Shut-In(2)
107	1936.03	122.50	Final Hydro-static

Recovery

Length(ft)	Description	Volume(bbl)
175.00	100% Mud	2.45

Gas Rates

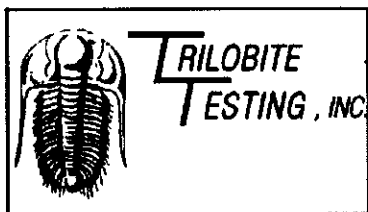
Choke(inches)	Pressure (psig)	Gas Rate(Mcfd)

Trilobite Testing, Inc

Ref. No: 46939

Printed: 2012.07.13 @ 04:55:47

DST #2 LKC "I"



DRILL STEM TEST REPORT

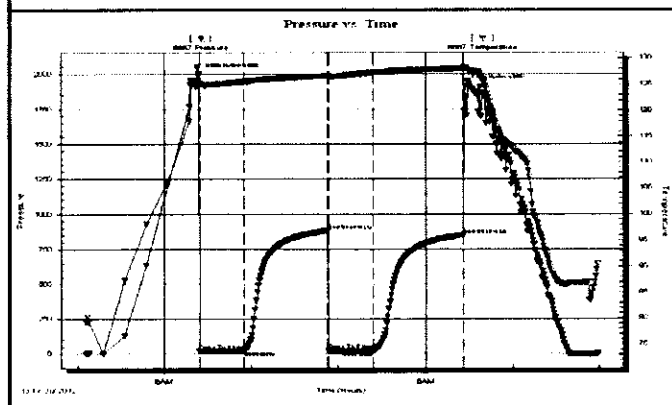
Mustang Energy Corp. **24-14s-29w-Gove**
 PO Box 1121 **Beesley Unit #1**
 Hays Kansas 67601 **Job Ticket: 46940 DST#: 2**
 ATTN: Jeff Lawler **Test Start: 2012.07.13 @ 05:05:34**

GENERAL INFORMATION:

Formation: **LCK "I"**
 Deviated: No Whipstock. ft (KB)
 Time Tool Opened: 06:24:04
 Time Test Ended: 10:59:04
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Tate Lang
 Unit No: 55
 Interval: 3943.00 ft (KB) To 3980.00 ft (KB) (TVD)
 Reference Elevations: 2636.00 ft (KB)
 Total Depth: 3980.00 ft (KB) (TVD) 2628.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 6667 Outside
 Press@RunDepth: 24.55 psig @ 3947.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.07.13 End Date: 2012.07.13 Last Calib.: 2012.07.13
 Start Time: 05:05:49 End Time: 10:59:04 Time On Btm: 2012.07.13 @ 06:23:49
 Time Off Btm: 2012.07.13 @ 09:27:04

TEST COMMENT: F-Weak Surface Blow Built to 3/4in. Died Back to 1/2in.
 IS-Dead No Blow Back
 FF-Dead No Blow
 FS-Dead No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1999.70	125.75	Initial Hydro-static
1	23.37	125.25	Open To Flow (1)
31	23.71	125.50	Shut-In(1)
89	882.11	126.61	End Shut-In(1)
90	25.52	126.28	Open To Flow (2)
120	24.55	127.24	Shut-In(2)
183	853.17	127.96	End Shut-In(2)
184	1915.67	128.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% M	0.14

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)

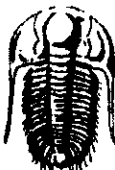
* Recovery from multiple tests

Trilobite Testing, Inc

Ref. No: 46940

Printed: 2012.07.13 @ 13:18:35

DST #3 LKC " J K " 3968' - 4035'

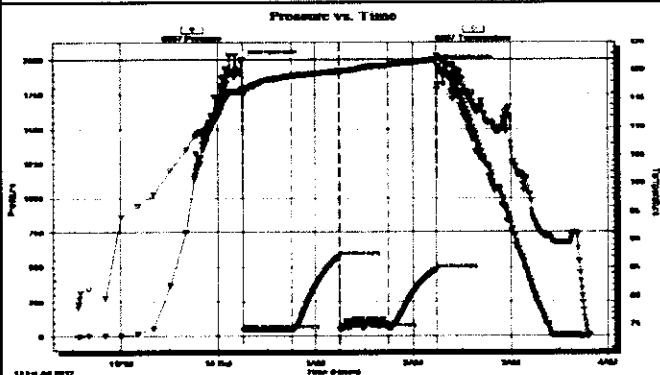
 TRILOBITE TESTING, INC	DRILL STEM TEST REPORT	
	Mustang Energy Corp PO Box 1121 Hays Kansas 67601 ATTN: Jeff Lawler	24-14s-29w-Gove Beesley Unit #1 Job Ticket: 46941 DST#: 3 Test Start: 2012.07.13 @ 22:33:19

GENERAL INFORMATION:

Formation: LKC-"J&K"	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Tate Lang
Time Tool Opened: 00:15:19	Unit No: 55
Time Test Ended: 03:48:49	Reference Elevations: 2636.00 ft (KB)
Interval: 3968.00 ft (KB) To 4035.00 ft (KB) (TVD)	2628.00 ft (CF)
Total Depth: 4035.00 ft (KB) (TVD)	KB to GR/CF: 8.00 ft
Hole Diameter: 7.88 inches Hole Condition: Fair	

Serial #: 6667	Press@RunDepth: 54.29 psig @ ft (KB)	Capacity: 8000.00 psig
Start Date: 2012.07.13	End Date: 2012.07.14	Last Callb: 2012.07.14
Start Time: 22:33:34	End Time: 03:48:49	Time On Btm: 2012.07.14 @ 00:15:04
		Time Off Btm: 2012.07.14 @ 02:15:19

TEST COMMENT: IF-Weak Surface Blow Built to 1/4in.
 ISI-Dead No Blow Back
 FF-Dead No Blow
 FSI-Dead No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1998.07	116.77	Initial Hydro-static
1	43.14	115.69	Open To Flow(1)
30	44.59	118.94	Shut-In(1)
60	588.51	119.79	End Shut-In(1)
60	48.27	119.59	Open To Flow(2)
90	54.29	120.78	Shut-In(2)
120	476.71	121.83	End Shut-In(2)
121	1956.08	122.24	Final Hydro-static

Recovery

Length(ft)	Description	Volum(bbl)
10.00	100% M	0.14

* Recovery from multiple tests

Gas Rates

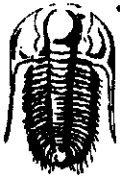
Choke(inches)	Pressure (psig)	Gas Rate(Mcf/d)

Trilobite Testing, Inc

Ref. No: 46941

Printed: 2012.07.14 @ 15:44:51

DST #4 (STRADDLE) LKC "C" 3770' - 3802'



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mustang Energy Corp

24-14s-29w-Gove

PO Box 1121
Hays Kansas 67601

Beesley Unit #1

Job Ticket: 46942

DST#: 4

ATTN: Jeff Lawler

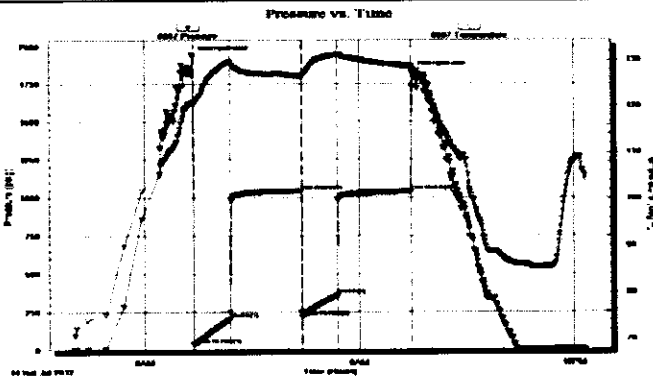
Test Start: 2012.07.14 @ 05:00:34

GENERAL INFORMATION:

Formation: LKC-"C"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:41:04
 Time Test Ended: 12:09:34
 Interval: 3770.00 ft (KB) To 3802.00 ft (KB) (TVD)
 Total Depth: 3990.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Reset)
 Tester: Tate Lang
 Unit No: 55
 Reference Elevations: 2636.00 ft (KB)
 2628.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6667 Inside
 Press@RunDepth: 358.76 psig @ 3771.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.07.14 End Date: 2012.07.14 Last Calib.: 2012.07.14
 Start Time: 05:00:49 End Time: 12:09:34 Time On Btm: 2012.07.14 @ 06:40:49
 Time Off Btm: 2012.07.14 @ 09:44:19

TEST COMMENT: IS-B.O.B. 10 mins
 ISI-Dead No Blow Back
 FF-B.O.B. 12 mins
 FSI-Dead No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1930.81	121.04	Initial Hydro-static
1	34.04	120.23	Open To Flow(1)
31	200.07	129.71	Shut-In(1)
91	1040.59	126.57	End Shut-In(1)
92	214.32	126.37	Open To Flow(2)
121	358.76	131.26	Shut-In(2)
183	1037.05	128.83	End Shut-In(2)
184	1828.10	128.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume(bbl)
403.00	30%M 70%W	5.65
341.00	10%M 90%W	4.78
10.00	40%M 60%W with oil spots	0.14
10.00	100%M	0.14

* Recovery from multiple tests

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 46942

Printed: 2012.07.14 @ 15:42:14

ROCK TYPES

Cht	Dolprim	shale, grn	shale, red
Cystgy	Lmst fw<7	shale, gry	Arg/Shale
Chtcong	Lmst fw>7	Carbon Sh	

ACCESSORIES

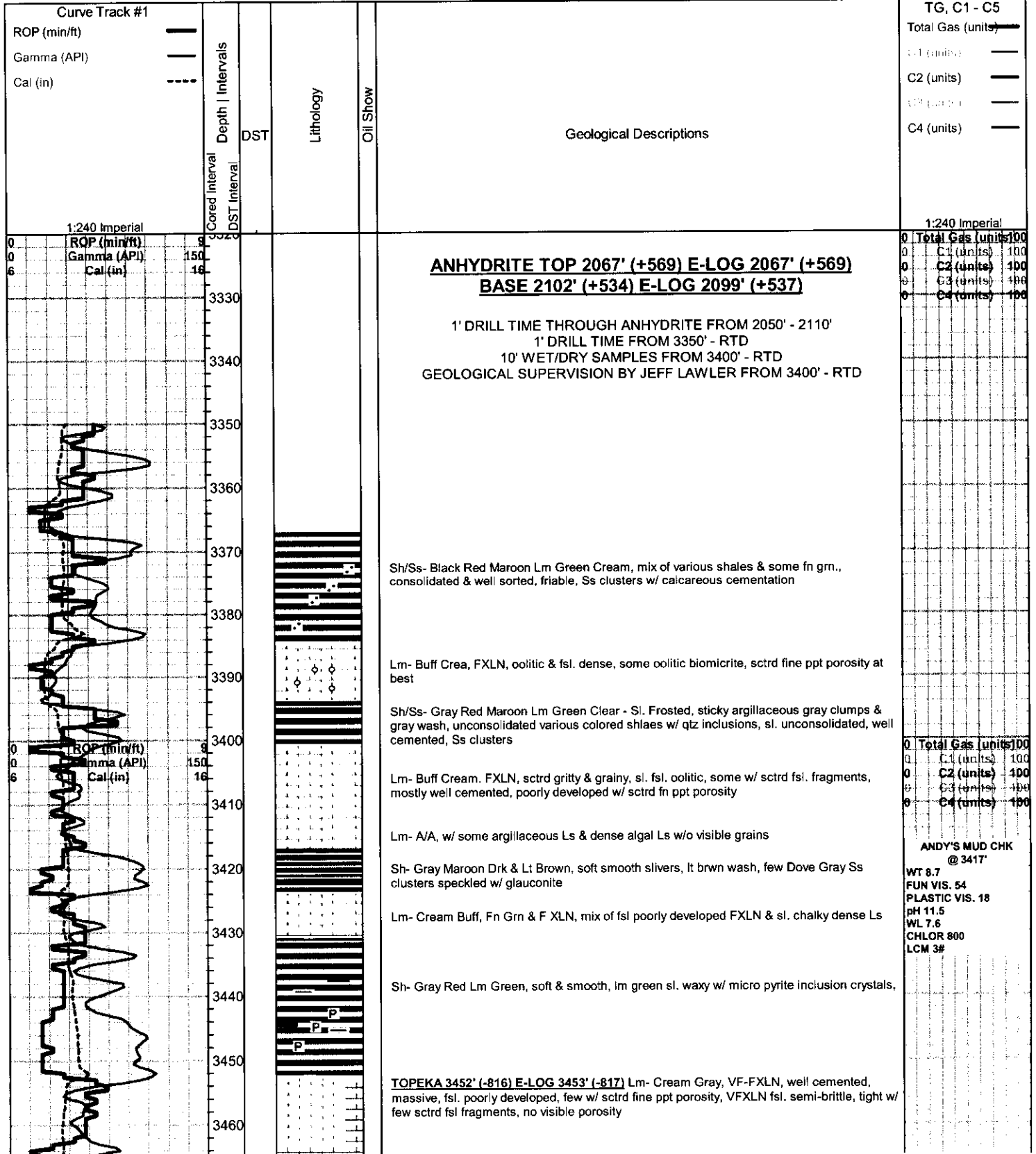
MINERAL	FOSSIL	STRINGER	TEXTURE
⊥ Calcareous	◇ Oolite	— Chert	C Chalky
P Pyrite	⊕ Oomoldic	— Shale	CX Cryptocrystalline
• Sandy		— green shale	FX Finexln
		— red shale	

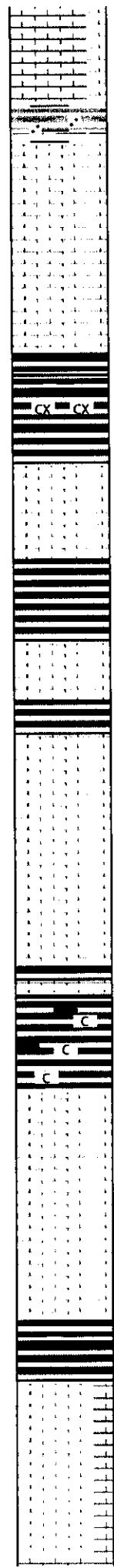
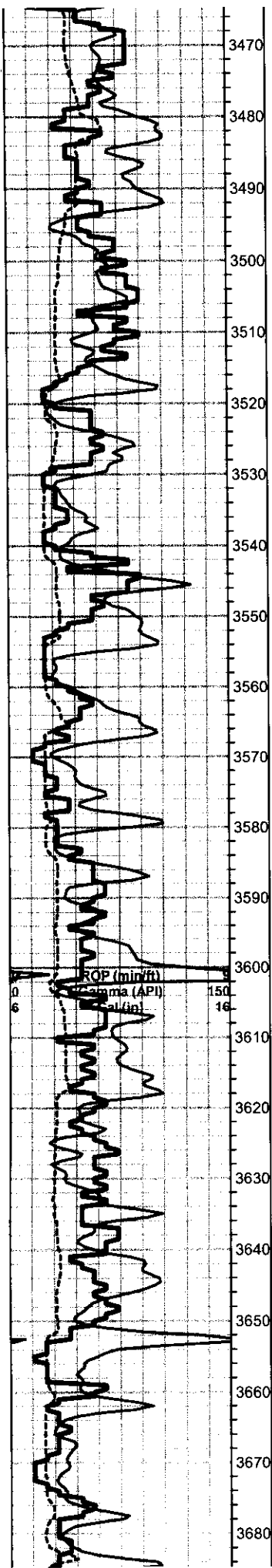
OTHER SYMBOLS

MISC

DST

- Daily Report
 - Digital Photo
 - Document
 - Folder
 - Link
 - Vertical Log File
 - Horizontal Log File
 - Core Log File
 - Drill Cuttings Rpt
- DST Int
 - DST alt
 - Core





Lm- Gray, VFXLN, tight crypto XLN w/ no visible grains, brittle

Sh/Ss- Gray Lm Green Red Brown, soft & smooth, sl. gummy, fissile, sl unconsolidated & sandy, Ss-Cream Sl. Frosted, Med grn, consolidated & well cemented, clean & barren

Lm- Gray Cream, VFXLN & Fn Grn, mix of VFXLN, semi-gritty, tight & brittle, and fsl. mud supported matrix

Lm- Off White, VF-FXLN, mix of densely packed oolites in a clear sl. siliceous cementation w/ no visible porosity, gritty & grainy, fsl & sl. oolitic w/ dense XLN porosity, w/ few chips of crypto XLN w/o visible grains or porosity

Sh- Gray Brown Red, soft smooth chips & slivers, sl. earthy, rounded off edges (possible turbulent flow)

Lm- Cream, Mix of crypto XLN w/o visible grains & fn grn, chalky & mud supported matrix

Sh- Gray Lm Green Red, soft semi-sandy, dense & blocky chips & waxy lm green blocky chips

Lm- Off White, F-Med XLN, mix of FXLN densely packed oolites, sl. siliceous w/ no visible porosity, & sl. granular, oolitic w/ sctrd ppt porosity, chalky in part

Sh- Gray Red Lm Green, abundant thin gray slivers, sl. unconsolidated red chips & few soft argillaceous lt gray clumps

Lm- Cream Buff, FXLN, gritty & grainy, densely packed fine oolites, well cemented matrix, minimal visible porosity, tight, 1-2 clusters of very loosely cemented fine oolites, spherical & pearl shaped

Lm- Cream, FXLN, gritty & granular, moderately well developed, sl. pebbly, sctrd ppt porosity, fsl w/ few fusulinids, clean & barren, chalky in part

Sh/Ss-Black Gray Maroon Drk Purple Brown, fissile, carbonaceous, speckled w/ pyrite, dense blocky & sl. sandy, Ss- Dove Gray, sl frosted, well sorted & consolidated, most very well cemented, speckled w/ glauconite

Sh- A/A, w/ soft gray clumps, sl. gummy, white balls of chalk, & waxy mnt. green chips w/ large ooid inclusions

Lm- Cream, FXLN, gritty, sl. fsl., minimal development, very limited visible porosity, few chips of smokey gray sl. dolomitic chert

Lm- Cream, FXLN, fsl w/ few fusulinids, densely packed oolites, sl. siliceous w/ minimal-no visible porosity, few chips gritty, well cemented, sctrd vry fn ppt porosity, clean & barren

Lm- Cream, FXLN, dense, well cemented, semi-brittle, minimal visible porosity, clean & barren

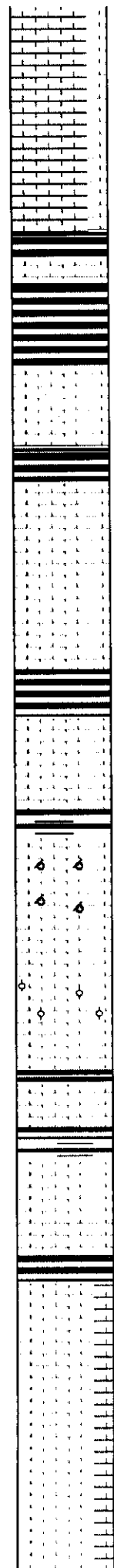
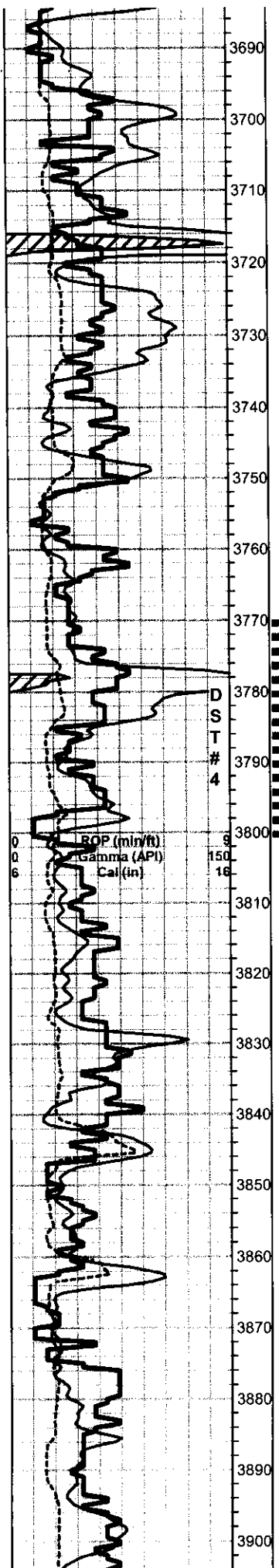
Sh- Drk & Lt Gray Maroon Lm Green Red, dense, well compacted slivers, soft gritty & earthy, gray wash

Lm- Cream Off White, FXLN, dense, well cemented, densely packed, oolitic, tight sl. siliceous matrix, minimal visible porosity, some crumbly & chalky in part

Lm/Chert- Cream Tan, Med XLN, sl. unconsolidated & pebbly, sl. fsl., massive, sctrd development w/ ppt porosity, fsl. sharp angular bedded chert, all clean & barren

Lm- Cream Tan, FXLN, massive, sl. gritty, sctrd development w/ fine ppt porosity, sl. cherty, fsl w/ crinoids & few fusulinids, well cemented, most w/ dense fenestral porosity

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



Lm- A/A, chalky in part, crumbley

Lm- Cream Buff, FXLN, gritty sl. dolomitic chert & cherty Ls, minimal visible porosity

Lm- Cream Tan, FXLN, mix of FXLN & mud supported matrix, heavily mottled & speckled w/ dark sediment

HEEBNER 3714' (-1078) E-LOG 3714' (-1078) Sh- Black Gray Lm Green, abundant fissile, slaty, carbonaceous, smooth dense slivers, few waxy lm green chips

Sh- Gray Lm Green, blocky & dense, mostly well compacted

TORONTO 3734' (-1098) E-LOG 3735' (-1099) Lm/Chert- Cream, FXLN, loosely cemented, fsl. dense fenestral porosity, chalky in part, clean & barren, sharp angular bedded chert w/ conchoidal fracturing

Lm/Chert- Cream Smokey White- Crypto XLN, tight, no visible grains, fsl bedded chert

LKC 3749' (-1113) E-LOG 3751' (-1115) Lm- Cream Off White, FXLN, fsl & oolitic, densely packed small oolites, semi-translucent matrix, dense, well cemented, minimal visible porosity

Lm- Cream Tan, F-Med XLN, gritty & sl. granular, moderately well developed w/ good consistant fn ppt porosity, few sctrd recrystallized inclusions, clean & barren

Lm- Gray, FXLN, fsl, trashy w/ sctrd fsl frag., dense XLN porosity

Lm- Cream Tan, F-Med XLN, mix of densely packed oolites in semi-translucent matrix & loosely cemented, fsl, moderately developed w/ sctrd ppt porosity, all w/ SCTRDRK STN, FR SFO UPON CRUSH, VRY FNT ODR UPON CRUSH

Dolomite- Cream, FXLN, well cemented, consistant fn ppt porosity, STN A/A

Lm- Cream Tan, F-Med XLN, oolitic-oolimoldic, partially (40-60%) dissolved skeletal remains, poorly sctrd intermoldic connectivity, clean & barren

Lm- Cream Tan, A/A, transgressing into oolitic, small densely packed, moderately developed w/ sctrd ppt porosity, clean & barren

Dolomite- Cream, FXLN, sl. fsl, tight & well cemented, sl. sucrosic, consistant vf ppt porosity, clean & barren, sctrd semi-gummy chalk clumps

Lm- Tan, FXLN, fsl, tight, semi-brittle, minimal visible porosity, SCTRDRK STN, SLSFO UPON CRUSH, FNT GSY ODR UPON CRUSH

Sh- Gray, gritty slivers & abundant sticky argillaceous gray wash

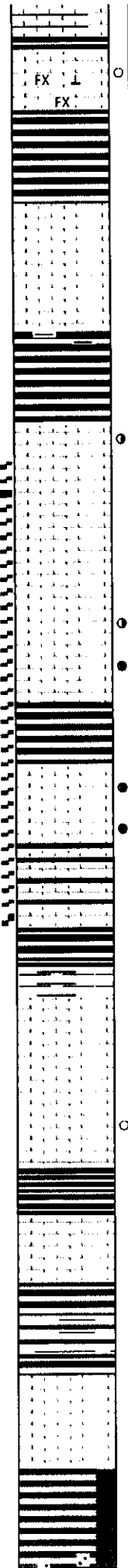
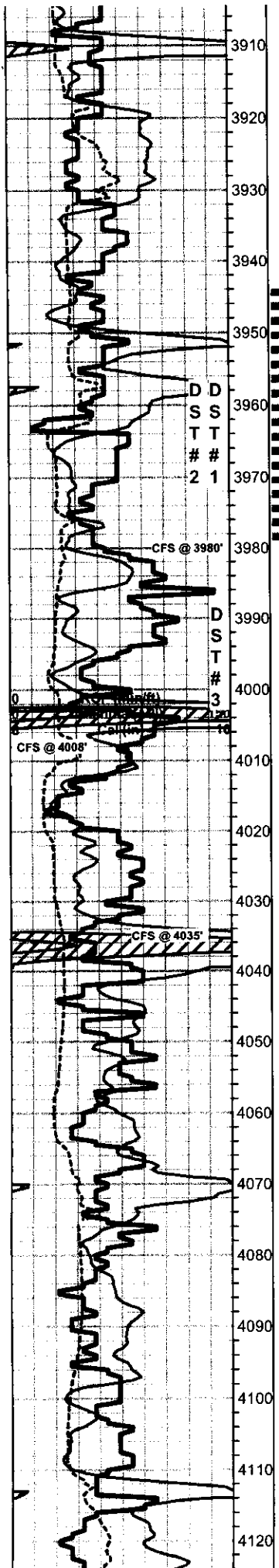
Lm/Dolomite/Chert- mix of FXLN gritty sl. dolomitic Ls, abundant F-Med XLN sl. sucrosic dolomite w/ consistant ppt porosity, & semi-translucent and white sharp angular bedded chert, few chips of gritty sl. dolomitic chert, all clean & barren

Lm- Tan Cream, FXLN, oolitic-oolimoldic, FR skeletal dissolution, sctrd intramoldic connectivity, clean & barren

Lm- A/A, w/ cream crypto XLN, chalky

Lm- Cream Gray, mix of sub-crypto XLN, dense algal Ls, & loosely cemented, sl. fsl. w/ sctrd fn ppt porosity, chalky in part

DST #4 STRADDLE LKC "C" 3770 - 3802		
CHARTS CONFIRMED VALID TEST		
0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



MUNCIE CREEK 3906' (-1270) E-LOG 3908' (-1272) Sh- Black Gray Lm Green Brown, fissile, well compacted, carbonaceous, soft smooth slivers, brown gritty & earthy chips

Lm- Tan Brown, VFXLN, chalky in part, sl. fsl w/ fragments, semi-brittle, minimal visible porosity, SCTRDR LT STN, NSFO, FR GSY ODR, SL GSY SHEEN

Sh- Gray Brown, massive, sl. gritty, soft chips

Lm- Cream Tan, VF-FXLN, mix of crypto XLN w/o vis. grns, sl. fsl, FXLN, minimal development w/ sctrd fn XLN porosity, chalky in part, few chips of oolitic biomicrite, sl. trashy w/ sctrd mud matrix, all clean & barren

Lm- Tan Brown, mix of sl. trashy, semi-brittle & fsl, FXLN, sl. cherty & mottled chalky Ls, clean & barren

Sh- Gray Drk Green, gritty, waxy

Lm- Cream, FXLN, dense, well cemented, sctrd development w/ good sctrd ppt porosity, sctrd recrystallized inclusions, massive chips, DRK SCTRDR STN, FR SFO UPON CRUSH, 2-4 CHIPS W/ VRY SL BLDNG FO, LIVELY & GSY, FR ODR

Lm- Cream, VF-FXLN, mix of sl. fsl, moderately developed w/ sctrd fn ppt porosity, tight crypto XLN w/o visible grains, & a few chips of sharp angular bedded chert, all clean & barren

Lm- Cream, FXLN, sl. fsl, crumbley, dense fenestral secondary porosity, clean & barren

Lm- Cream Off White, FXLN, dense, tight, minimal development, dense XLN at best, minimal visible porosity, sl. chalky

Lm- Cream Lt Gray, mix of FXLN, semi-brittle, well cemented, sctrd fn ppt w/ dense XLN porosity, few crystal inclusions, SCTRDR GSY STN, GSY SFO, GD GSY SHEEN, FR ODR, and FXLN Tan dolomite, well developed w/ constant ppt porosity, SCTRDR STN, SL GSY FO, FR ODR

STARK SHALE 4000' (-1364) E-LOG 4001' (-1365) Sh- Black, abundant black fissile carbonaceous shale, sticky argillaceous gray clumps

Lm- Off White Cream, F-Med XLN, fsl. sl. oolitic, moderately developed w/ sctrd ppt porosity, well cemented, LT BRWN SCTRDR STN, SL SFO UPON CRUSH, FNT GSY ODR

Lm/Dolomite- Cream Tan, FXLN, mix of sl. fsl. moderately developed, loosely cemented w/ sctrd ppt porosity, clean & barren, and FXLN well developed & cemented dolomite w/ constant ppt porosity, VRY LT GSY STN, SL GSY FO, GD GSY ODR, 2-4 cps of Med-Crs XLN, very well developed dolomite, w/ sctrd recryst. inclusions, GD STN, GD SGSYFO, few chips of bedded chert

Sh- Black Gray Drk Green, soft, carbonaceous, gummy drk gray wash, sl. unconsolidated & fsl. w/ micro bi-valves, waxy

Lm- Cream Tan Buff, FXLN, sub-crypto XLN, tight w/ minimal visible porosity, few w/ sctrd jointing

Lm- Cream, FXLN, sl. fsl., moderately developed, most w/ dense fenestral porosity, some w/ dense secondary porosity, almost brecciated in appearance, 3-4 PCS W/ LT GSY STN, SL GSY SHEEN UPON CRUSH, NSFO, VRY FNT ODR UPON CRUSH, NO FLOR. SL STRM WET CUT UPON CRUSH

BKC 4068' (-1432) E-LOG 4068' (-1432) Sh- Drk & Lt Gray Red Maroon, dense, well compacted slivers, sl. gritty & earthy

Lm- Cream Tan, VFXLN, sl. oolitic, brittle, tight w/ minimal visible porosity, well cemented

Sh- Drk & Lt Gray Brown Drk Purple, abundant blocky & dense, few chips sl. gummy,

MARMATON 4096' (-1460) E-LOG 4097' (-1461) Lm- Cream Tan, FXLN, well cemented, sl. gritty, tight w/ mostly constant vry fn ppt porosity, sctrd dark stn w/ recrystallization w/in, clean & barren, sctrd dense white chalk

Sh- Abundant Drk Gray, dense & blocky

Sh- Lt Gray Drk Green Brown, abundant soft, sl. sandy lime & gray wash

ANDY'S MUD CHK @ 3954'

WT 9.2
FUN VIS 56
PLASTIC VIS 26
pH 10.5
WL 7.6
CHLOR 1200
LCM 2#

**SHORT TRIP BOARD 3984.30
STRAP 3983.30
STRAP - 1.00
SLOPE 3/4 dgr.**

**DST #1
LKC "I"
3946 - 3980
(MISRUN)**

**DST #2
3943 - 3980**

ANDY'S MUD CHK @ 3980'

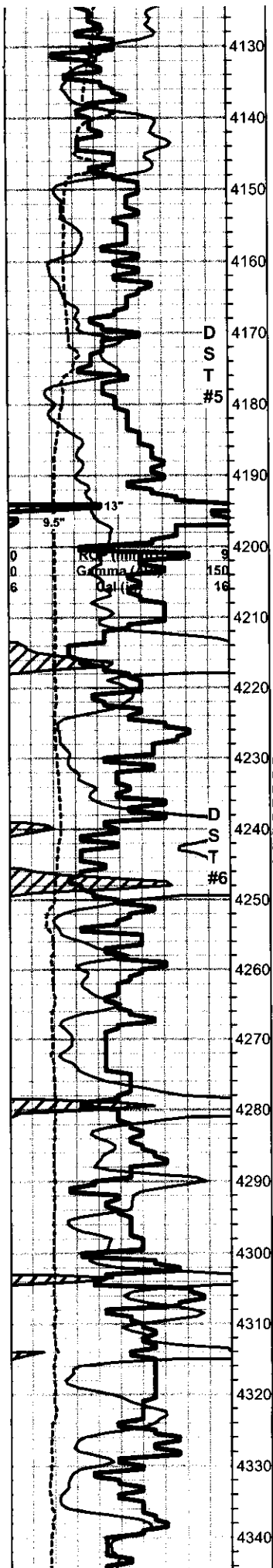
WT 9.2
FUN. VIS 59
PLASTIC VIS. 24
pH 9.5
WL 7.6
CHLOR 2000
LCM 2#

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

**DST #3
LKC J & K
3968 - 4035**

ANDY'S MUD CHK @ 4035'

WT 9.2
FUN. VIS. 35
PLASTIC VIS. 18
WL 9.6
pH 8.5
CHLOR 3000
LCM 1 1/2#



Lm- Cream Tan, VF-FXLN, mix of sub-crypto XLN w/o visible grains, FXLN w/ dense XLN porosity, sl fsl w/ fusulinids, & tan VFXLN, brittle & dense, all clean & barren, chalky in part

Lm- Cream Tan, VFXLN, chalky in part, tight, very minimal visible porosity, small chips w/ interbedded chalk & lm green shale

Lm- Cream Tan Lt Gray, FXLN, mixed, mostly FXLN, few sctrd fsl. mostly tight, few w/ some dense secondary porosity, few chips of algal Ls, all clean & barren

PAWNEE 4169' (-1533) E-LOG 4176' (-1540) Lm- Cream, FXLN, mod-well developed, oolitic & fsl. w/ fusulinids, loosely cemented, sctrd vry fn. ppt - small vugular, DRK SCTRD STN, SL GSY FO UPON CRUSH, NO ODR, DULL FLOR. INSTANT STRM WET CUT

Lm- Buff Gray, mix of FXLN & gritty mud supported agial Ls, few chps w/ sctrd fsl

Sh- Black Drk Gray, abund. fissile well compacted, slaty, carbonaceous

MYRICK STATION 4223' (-15887) E-LOG 4223' (-1587) Lm- Cream Brown Tan, mix of brown argillaceous Ls, FXLN, tight w/ minimal visible porosity, gritty mud supported matrix, & few chips of black and semi-translucent bedded chert

Sh- Black Gray Lm Green Brown Maroon, abund. slivers, mix of various dark colors, very thin

FT. SCOTT 4250' (-1614) E-LOG 4251' (-1615) Lm- Cream Tan, Fn grn & FXLN, mix of sl gritty, chalky in part, dense, mostly well cemented, and FXLN, mostly tight w/ minimal visible porosity, sctrd XLN porosity, few chips of oolitic FXLN, densely packed w/ tight sl. siliceous cementation, tight w/ no visible porosity, all clean & barren, interbedded shale & chalk lenses

Lm- Tan Cream Buff, FXLN, sl. fsl, minimal dvelopment & tight, sctrd XLN to sub-XLN porosity, well cemented, few sl. gritty, Fn grn, well cemented, minimal visible porosity, sl chalky, few crypto XLN chps w/ few sctrd recrystallization inclusions, all clean & barren

CHEROKEE SHALE 4278' (-1642) E-LOG 4276' (-1640) Sh-Black Lt & Drk Gray Lm Green Red Brown, dense & well compacted, carbonaceous, lt gray sl. unconsolidated & pebbly, gritty & earthy red shale

Lm- Cream Tan, VF-FXLN, dense, rigid & well cemented, slick, porcelain like, sl cherty, tight w/ no-minimal visible porosity, clean & barren

Sh- Black Gray Brown Maroon, fissile, carbonaceous, soft grainy, some sticky gray wash, interbedded FXLN Ls lenses, tight w/ minimal visible porosity, some mud supported matrix, chalky in part

Lm- Cream Tan Brown, mix of FXLN, dense, tight, sub-crypto XLN, some fn grn, mud supported, some dense, well cemented mud stone, matrix fabric w/o visible grains, few chps of brown argillaceous Ls, w/ interbedded shale lenses

JOHNSON ZONE 4320' (-1684) E-LOG 4325' (-1689) Lm- Cream Tan, VF-FXLN, mostly dense, semi-brittle, tight w/ minimal visible porosity, sctrd secondary porosity, sctrd recrystallization, some fsl preservation, some possible solution veins, few chps w/ vry small, densely packed oolites, clean & barren

Lm/Chert- Cream Tan, FXLN, dense, brittle, some sub-crypto XLN, tight, well cemented, minimal visible porosity, chalky in part, mixed w/ Semi-Translucent Yellow Orange, sharp bedded chert w/ conchoidal features, interbedded sl. cemented shale

DST #5 PAWNEE 4165' - 4192'

DST #5 PAW...

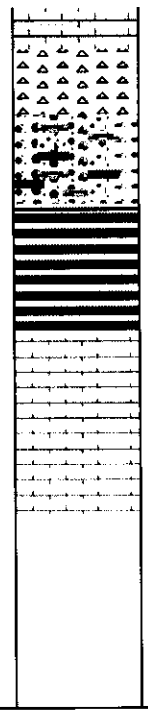
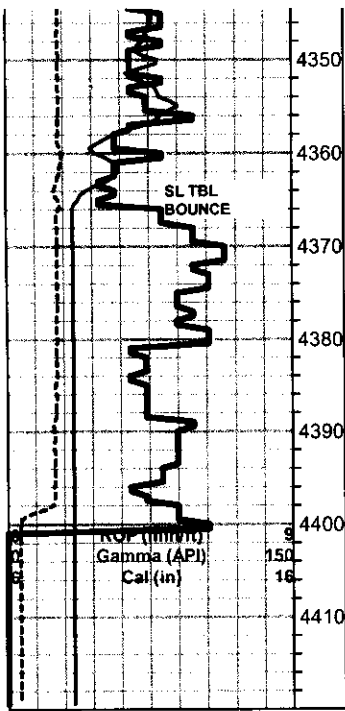
ANDY'S MUD CHK @ 4192'

WT 9.3
FUN VIS 48
PLASTIC VIS 16
YLD 18
pH 9.0
RWL 9.6
KCHLOR 4000
LCM TRACE

DST #6 STRADDLE FT. SCOTT 4230' - 4258'

CHARTS CONFIRMED VALID TEST**

DST #6 FT S...



bedded chert w/ conchoidal fracturing, interbedded sl. conglomerate shales, sl. unconsolidated w/ clear qtz inclusions

Chert- A/A, abundant sharp angular bedded chert

Shale/Cherty Conglomerate- conglomerate chert, unconsolidated shales w/ qtz inclusions

MISSISSIPPIAN 4366' (-1730) E-LOG 4363' (-1727) Dolomite- Buff, FXLN, loosely cemented, semi-soft, gritty, consistant vry fn ppt porosity, striated w/ drk stringers, not pure, clean & barren, few chips of eroded & reworked, cherty dolomite & dolomitic chert

Lm- Off White, FXLN, loosely cemented, sl fsl, sl granular, dense fenestral porosity, clean & barren


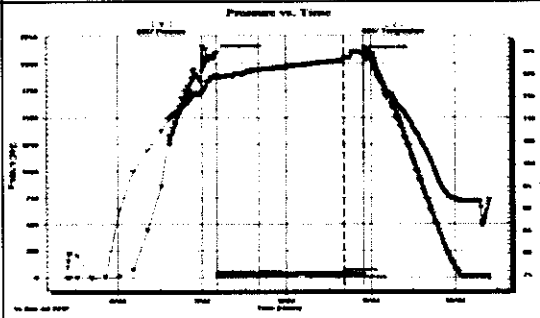
Lm/Chert- A/A, w/ sharp angular bedded chert, few pcs sl. oolitic, some lightly speckled w/ glauconite

RTD 4400' (-1764) LTD 4402' (-1766) @ 07:13 7/16/2012

**SLOPE 3/4 dgr.
@ RTD**

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

DST #5 PAWNEE.jpg

	DRILL STEM TEST REPORT																																							
	Mustang Energy Corp. PO Box 1121 Hays Kansas 67601 ATTN: Jeff Lawler	24-14s-29w-Gove Beesley Unit #1 Job Ticket: 46943 DST#: 5 Test Start: 2012.07.15 @ 05:24:17																																						
GENERAL INFORMATION:																																								
Formation: Pawnee Deviated: No Whipstock ft (KB) Time Tool Opened: 07:10:32 Time Test Ended: 10:24:47		Test Type: Conventional Bottom Hole (Reset) Tester: Tate Lang Unit No: 55																																						
Interval: 4165.00 ft (KB) To 4192.00 ft (KB) (TVD) Total Depth: 4192.00 ft (KB) (TVD) Hole Diameter: 7.88 inches Hole Condition Fair		Reference Elevations: 2636.00 ft (KB) 2628.00 ft (CF) KB to GR/CF: 8.00 ft																																						
Serial #: 6667																																								
Press@RunDepth: 26.16 psig @ ft (KB) Start Date: 2012.07.15 End Date: 2012.07.15 Start Time: 05:24:32 End Time: 10:24:47	Capacity: 8000.00 psig Last Calib: 2012.07.15 Time On Btm: 2012.07.15 @ 07:10:17 Time Off Btm: 2012.07.15 @ 08:55:02																																							
TEST COMMENT: IF-Weak Surface Blow ISI-Dead No Blow Back FF-Dead No Blow Flushed Tool Surface Blow Died out in 4 1/12 mins FSI-TOH																																								
	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">PRESSURE SUMMARY</th> </tr> <tr> <th>Time (Min.)</th> <th>Pressure (psig)</th> <th>Temp (deg F)</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>2100.07</td> <td>119.86</td> <td>Initial Hydro-static</td> </tr> <tr> <td>1</td> <td>19.53</td> <td>119.44</td> <td>Open To Flow(1)</td> </tr> <tr> <td>30</td> <td>26.16</td> <td>121.15</td> <td>Shut-In(1)</td> </tr> <tr> <td>90</td> <td>40.35</td> <td>123.21</td> <td>End Shut-In(1)</td> </tr> <tr> <td>91</td> <td>27.80</td> <td>123.51</td> <td>Open To Flow(2)</td> </tr> <tr> <td>105</td> <td>26.84</td> <td>124.97</td> <td>Shut-In(2)</td> </tr> <tr> <td>105</td> <td>2088.81</td> <td>126.13</td> <td>Final Hydro-static</td> </tr> </tbody> </table>			PRESSURE SUMMARY				Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation	0	2100.07	119.86	Initial Hydro-static	1	19.53	119.44	Open To Flow(1)	30	26.16	121.15	Shut-In(1)	90	40.35	123.21	End Shut-In(1)	91	27.80	123.51	Open To Flow(2)	105	26.84	124.97	Shut-In(2)	105	2088.81	126.13	Final Hydro-static	
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QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 5353

Date	Sec.	Twp.	Range	County	State	On Location	Finish
8-23-12				Leone	Kansas		3:00pm
Lease <i>Beestey Unit</i>	Well No. 1			Location <i>Leone N15 1E W</i>			
Contractor <i>Discology</i>				Owner To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Type Job <i>Port Collar</i>							
Hole Size		T.D.		Charge To <i>Mustang Energy</i>			
Csg. <i>4 1/2</i>		Depth		Street			
Tbg. Size <i>2 3/8</i>		Depth		City			
Tool <i>Port Collar</i>		Depth <i>252</i>		State			
Cement Left in Csg.		Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace		Cement Amount Ordered <i>350 QMIX</i>			
EQUIPMENT				<i>4 lbs Flo Seal per ft used 280</i>			
Pumptrk <i>9</i>	No.	Cementer <i>Steve</i>		Common <i>280 QMIX</i>			
Bulktrk <i>123</i>	No.	Driver <i>Steve</i>		Poz. Mix			
Bulktrk	No.	Driver <i>Lannie</i>		Gel.			
JOB SERVICES & REMARKS				Calcium			
Remarks:				Hulis			
Rat Hole <i>Beestey Unit</i>				Salt			
Mouse Hole				Flowseal <i>87A</i>			
Centralizers				Kol-Seal			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
<i>RSP @ 3247</i>				Sand			
<i>Circulate hole & pressure casing to 1100 psi Open tool</i>				Handling <i>350</i>			
				Mileage			
				FLOAT EQUIPMENT			
<i>Mix 280 sx & Circulate cement close tool & pressure casing to 1100 psi</i>				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
<i>Run 5 lbs & Wash clean</i>				Float Shoe			
				Latch Down			
<i>Monte</i>				Pumptrk Charge <i>part collar</i>			
				Mileage <i>33</i>			
				Tax			
				Discount			
<input checked="" type="checkbox"/> Signature				Total Charge			

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 896

Date	7-7-12	Sec.	24	Twp.	14	Range	29	County	GOVE	State	KANSAS	On Location		Finish	6 ¹⁵ P.
Lease	BEEBLEY UNIT			Well No.	#1			Location	GOVE S-10S-1E-N1NTD						
Contractor	DISCOVERY #1							Owner	MUSTANG ENERGY						
Type Job	SURFACE							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed							
Hole Size	12 1/4"			T.D.	221'			Charge To	MUSTANG ENERGY						
Csg.	8 5/8"			Depth	221'			Street	PO Box 1121						
Tbg. Size				Depth				City	Hays			State KS - 67601			
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor							
Cement Left in Csg.				Shoe Joint				Cement Amount Ordered	150000 3cc - 2 GEL						
Meas Line				Displace	13 BLS										

EQUIPMENT

Pumptrk #9	No.	Cementer	NECK	Common	150
Bulktrk #8	No.	Driver	DOUG	Poz. Mix	
Bulktrk #11	No.	Driver	CESSO	Gel.	3
JOB SERVICES & REMARKS				Calcium	5

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
CEMENT DID CIRCULATE!	Sand
	Handling 158
	Mileage

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge	Surface
Mileage	38

THANK YOU!

X Signature <i>[Signature]</i>	Tax	
	Discount	
	Total Charge	