



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1167490
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD 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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

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



1167490

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

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

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

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

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

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Mull Drilling Company, Inc.
Well Name	Somy 1-5
Doc ID	1167490

All Electric Logs Run

CDL/CNL
DIL
MEL
Sonic

Form	ACO1 - Well Completion
Operator	Mull Drilling Company, Inc.
Well Name	Somy 1-5
Doc ID	1167490

Tops

Name	Top	Datum
Anhydrite	1813	+ 657
B/Anhydrite	1841	+ 629
Heebner	3822	- 1352
Lansing	3863	- 1393
Stark Shale	4098	- 1628
B/KC	4194	- 1724
Marmaton	4224	- 1754
Pawnee	4282	- 1812
Ft. Scott	4362	- 1892
Cherokee Sh	4388	- 1918
Cherokee Sd	4452	- 1982
Mississippian	4504	- 2034

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
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 08, 2013

Mark Shreve
Mull Drilling Company, Inc.
1700 N WATERFRONT PKWY
BLDG 1200
WICHITA, KS 67206-6637

Re: ACO1
API 15-135-25640-00-00
Somy 1-5
SW/4 Sec.05-17S-24W
Ness 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,
Mark Shreve



PO Box 884, Chanute, KS 66720
620-431-3210 or 800-467-8676

261686

TICKET NUMBER 38042
LOCATION Oakley, KS
FOREMAN Miles Shaw

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-23-13	5659	Sony # 15	5	12S	30W	Wess
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			5307118	Tim V/Boyd		
CITY			526	M. Ho P/gham		
STATE						
ZIP CODE						

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 215' CASING SIZE & WEIGHT 8 5/8" 20#
 CASING DEPTH 215' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL 1.36 WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 12 1/2 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting and rig up on WUDrilling #10. Circulate casing
mixed 165 Sls common class A cement with 3% calcium 29 gel
displaced 12 1/2 bbls water Shut in cement did circulate 4 1/2 bbls stop

Thanks Miles & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE	1150.00	1150.00 ✓
5406	15	MILEAGE	5.25	78.75 ✓
5407	7.75 tons	Ten mileage delivery	430.00	430.00 ✓
1104S	165 Sls	Common class A Cement	18.55	3060.75 ✓
1102	465 #	Calcium Chloride	.94	437.10 ✓
1118B	310 #	Bentonite gel	.27	83.70 ✓
			Subtotal	5240.30 ✓
			less 10% discount	524.03 ✓
			Subtotal	4716.27 ✓
			SALES TAX	198.24 ✓
			ESTIMATED TOTAL	4914.51 ✓

completed

AUTHORIZATION TITLE foreman DATE 8-23-13

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	MULL DRLG CO. INC.	Job Number	M534
Well Name	SOMY #1-5	Representative	MIKE COCHRAN
Unique Well ID	DST#1 4330-4390 FT.SCOTT	Well Operator	MULL DRLG CO. INC.
Surface Location	SEC.5-17S-24W NESS CO.KS.	Report Date	2013/08/28
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KEVIN L. KESSLER
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 4330-4390 FT.SCOTT		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/08/28	Start Test Time	04:15:00
Final Test Date	2013/08/28	Final Test Time	11:15:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

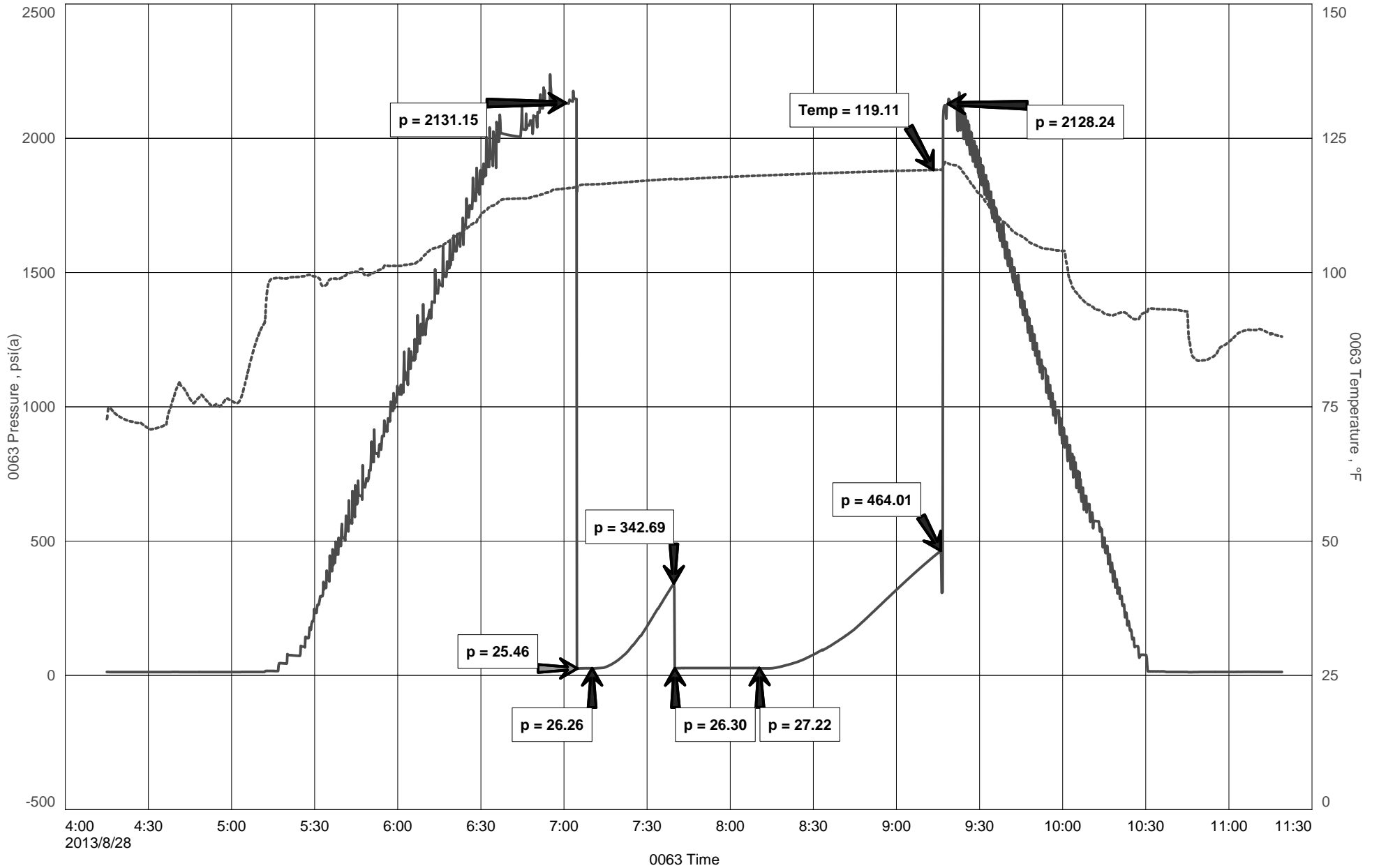
Remarks RECOVERED:
<2' DM 100% MUD
<2' TOTAL FLUID

TOOL SAMPLE: 100% MUD W/ A SLIGHT GASSY ODOR, AND A FEW SPOTS OF OIL SHEEN

MULL DRLG CO. INC.
DST#1 4330-4390 FT. SCOTT
Start Test Date: 2013/08/28
Final Test Date: 2013/08/28

SOMY #1-5
Formation: DST#1 4330-4390 FT. SCOTT
Pool: WILDCAT
Job Number: M534

SOMY #1-5





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: SMY1-5DST1

TIME ON: 0415
TIME OFF: 1120

Company MULL DRLG CO. INC. Lease & Well No. SOMY #1-5
Contractor WW RIG 10 Charge to MULL DRLG CO. INC.
Elevation 2470 KB Formation FT.SCOTT Effective Pay _____ Ft. Ticket No. M534
Date 8/28/2013 Sec. 5 Twp. 17 S Range 24 W County NESS State KANSAS
Test Approved By KEVIN L. KESSLER Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 4330 ft. to 4390 ft. Total Depth 4390 ft.
Packer Depth 4325 ft. Size 6 3/4 in. Packer depth N/A ft. Size 6 3/4 in.
Packer Depth 4330 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4312 ft. Recorder Number 0063 Cap. 3603 P.S.I.
Bottom Recorder Depth (Outside) 4387 ft. Recorder Number 6884 Cap. 6,275 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 52 Drill Collar Length 124 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 6.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,200 P.P.M. Drill Pipe Length 4174 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 60 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: A SURGE OF BUBBLES ON TOOL OPEN THEN A WEAK DIMINISHING SB (NO BB)
2nd Open: A SURGE OF BUBBLES ON TOOL OPEN THEN NO BLOW (NO BB)

Recovered <2 ft. of DM 100% MUD
Recovered <2 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks: _____

TOOL SAMPLE: 100% MUD W/ A SLIGHT GASSY ODOR, AND A FEW SPOTS OF OIL SHEEN Total _____

Time Set Packer(s) 7:05 A.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 9:10 A.M. ^{A.M.}/_{P.M.} Maximum Temperature 119

Initial Hydrostatic Pressure..... (A) 2131 P.S.I.
Initial Flow Period..... Minutes 5 (B) 25 P.S.I. to (C) 26 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 343 P.S.I.
Final Flow Period..... Minutes 30 (E) 26 P.S.I. to (F) 27 P.S.I.
Final Closed In Period..... Minutes 60 (G) 464 P.S.I.
Final Hydrostatic Pressure..... (H) 2128 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: SMY1-5DST2

TIME ON: 2040 (8/28)
TIME OFF: 0300 (8/29)

Company MULL DRLG CO. INC. Lease & Well No. SOMY #1-5
Contractor WW RIG 10 Charge to MULL DRLG CO. INC.
Elevation 2470 KB Formation CHEROKEE SAND Effective Pay _____ Ft. Ticket No. M535
Date 8/28/2013 Sec. 5 Twp. _____ 17 S Range _____ 24 W County NESS State KANSAS
Test Approved By KEVIN L. KESSLER Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 4375 ft. to 4460 ft. Total Depth 4460 ft.
Packer Depth 4370 ft. Size 6 3/4 in. Packer depth N/A ft. Size 6 3/4 in.
Packer Depth 4375 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4357 ft. Recorder Number 0063 Cap. 3603 P.S.I.
Bottom Recorder Depth (Outside) 4457 ft. Recorder Number 6884 Cap. 6,275 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 51 Drill Collar Length 124 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,300 P.P.M. Drill Pipe Length 4219 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 85 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (64'DP) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, INCREASED TO 1/4" (NO BB)
2nd Open: NO BLOW, FLUSH TOOL, A FEW BUBBLES THEN NO BLOW (NO BB)

Recovered <u>5</u> ft. of <u>DM 100% MUD</u>	Price Job Other Charges Insurance Total
Recovered <u>5</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	
TOOL SAMPLE: 100% MUD W/ SOME GASSY BUBBLES AND A FEW SPOTS OF OIL	

Time Set Packer(s) 10:15 P.M. A.M. P.M. Time Started Off Bottom 12:20 A.M. A.M. P.M. Maximum Temperature 116
Initial Hydrostatic Pressure..... (A) 2134 P.S.I.
Initial Flow Period..... Minutes 5 (B) 26 P.S.I. to (C) 27 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 485 P.S.I.
Final Flow Period..... Minutes 30 (E) 28 P.S.I. to (F) 36 P.S.I.
Final Closed In Period..... Minutes 60 (G) 312 P.S.I.
Final Hydrostatic Pressure..... (H) 2129 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	MULL DRLG CO. INC.	Job Number	M535
Well Name	SOMY #1-5	Representative	MIKE COCHRAN
Unique Well ID	DST#2 4375-4460 CHROKEE SAND	Well Operator	MULL DRLG CO. INC.
Surface Location	SEC.5-17S-24W NESS CO.KS.	Report Date	2013/08/29
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KEVIN L. KESSLER
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 4375-4460 CHROKEE SAND		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/08/28	Start Test Time	20:40:00
Final Test Date	2013/08/29	Final Test Time	03:00:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

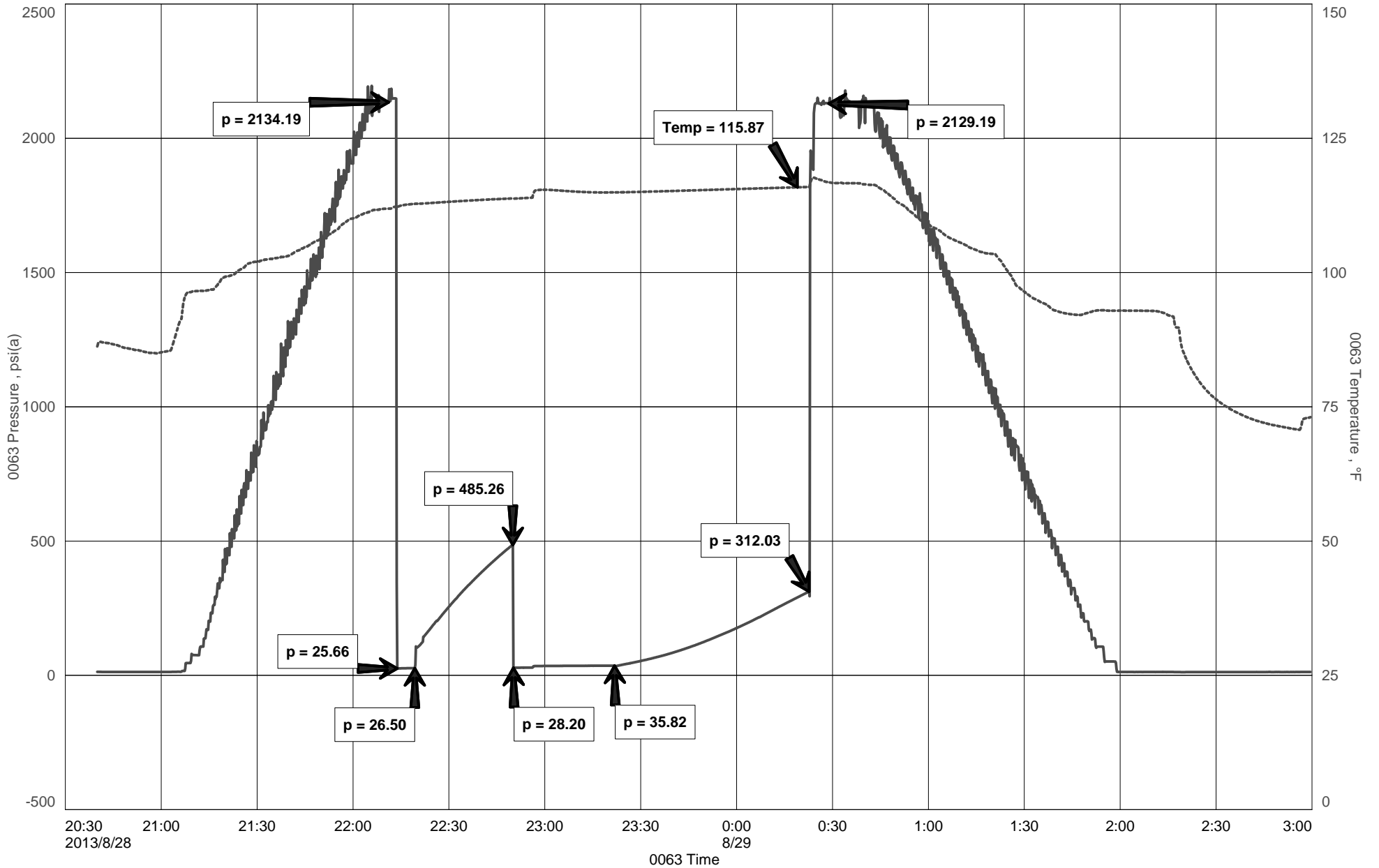
Remarks RECOVERED:
5' DM 100% MUD
5' TOTAL FLUID

TOOL SAMPLE: 100% MUD W/ SOME GASSY BUBBLES AND A FEW SPOTS OF OIL

MULL DRLG CO. INC.
DST#2 4375-4460 CHROKEE SAND
Start Test Date: 2013/08/28
Final Test Date: 2013/08/29

SOMY #1-5
Formation: DST#2 4375-4460 CHROKEE SAND
Pool: WILDCAT
Job Number: M535

SOMY #1-5





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: SMY1-5DST3

TIME ON: 0835
TIME OFF: 1425

Company MULL DRLG CO. INC. Lease & Well No. SOMY #1-5
Contractor WW RIG 10 Charge to MULL DRLG CO. INC.
Elevation 2470 KB Formation CHEROKEE SAND Effective Pay _____ Ft. Ticket No. M536
Date 8/29/2013 Sec. 5 Twp. _____ 17 S Range _____ 24 W County NESS State KANSAS
Test Approved By KEVIN L. KESSLER Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 4380 ft. to 4470 ft. Total Depth 4470 ft.
Packer Depth 4375 ft. Size 6 3/4 in. Packer depth N/A ft. Size 6 3/4 in.
Packer Depth 4380 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4362 ft. Recorder Number 0063 Cap. 3603 P.S.I.
Bottom Recorder Depth (Outside) 4467 ft. Recorder Number 6884 Cap. 6,275 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 56 Drill Collar Length 124 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,300 P.P.M. Drill Pipe Length 4224 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 90 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (64'DP) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, INC. TO 1/2 " NO BB
2nd Open: A VWSB DIMINISHING UNTIL DEAD AT ~ 10 MIN NO BB

Recovered <u>~10</u> ft. of <u>DM 100% MUD</u>	Price Job Other Charges Insurance Total
Recovered <u>~10</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	
TOOL SAMPLE: 100% MUD W/ SOME SPOTS OF OIL	

Time Set Packer(s) 10:20 A.M. ^{A.M.} P.M. Time Started Off Bottom 12:25 P.M. ^{A.M.} P.M. Maximum Temperature 114
Initial Hydrostatic Pressure..... (A) 2140 P.S.I.
Initial Flow Period..... Minutes 5 (B) 34 P.S.I. to (C) 36 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1080 P.S.I.
Final Flow Period..... Minutes 30 (E) 39 P.S.I. to (F) 41 P.S.I.
Final Closed In Period..... Minutes 60 (G) 767 P.S.I.
Final Hydrostatic Pressure..... (H) 2137 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	MULL DRLG CO. INC.	Job Number	M536
Well Name	SOMY #1-5	Representative	MIKE COCHRAN
Unique Well ID	DST#3 4380-4470 CHROKEE SAND	Well Operator	MULL DRLG CO. INC.
Surface Location	SEC.5-17S-24W NESS CO.KS.	Report Date	2013/08/29
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KEVIN L. KESSLER
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#3 4380-4470 CHROKEE SAND		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/08/29	Start Test Time	08:35:00
Final Test Date	2013/08/29	Final Test Time	14:25:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

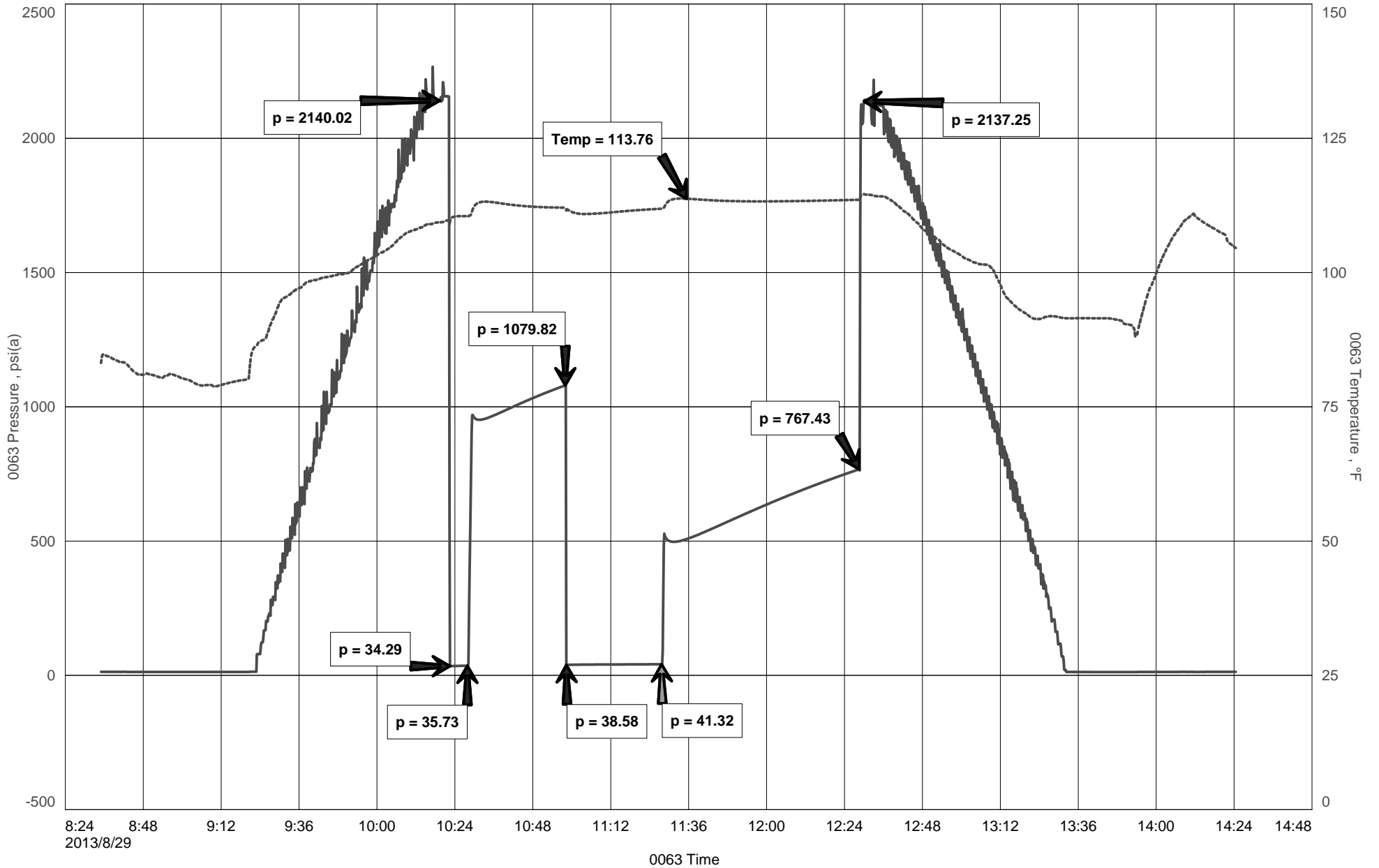
Remarks RECOVERED:
~10' DM 100% MUD
~10' TOTAL FLUID

TOOL SAMPLE: 100% MUD W/ SOME SPOTS OF OIL

MULL DRLG CO. INC.
DST#3 4380-4470 CHROKEE SAND
Start Test Date: 2013/08/29
Final Test Date: 2013/08/29

SOMY #1-5
Formation: DST#3 4380-4470 CHROKEE SAND
Pool: WILDCAT
Job Number: M536

SOMY #1-5



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	MULL DRLG CO. INC.	Job Number	M537
Well Name	SOMY #1-5	Representative	MIKE COCHRAN
Unique Well ID	DST#4 4468-4480 CHEROKEE SAND STRADDLE	Well Operator	MULL DRLG CO. INC.
Surface Location	SEC.5-17S-24W NESS CO.KS.	Report Date	2013/08/30
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KEVIN L. KESSLER
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#4 4468-4480 CHEROKEE SAND STRADDLE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/08/30	Start Test Time	04:25:00
Final Test Date	2013/08/30	Final Test Time	12:40:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks **RECOVERED:**

220' GMW 1% GAS, 98% WTR, 1% MUD
220" TOTAL FLUID (96' DP,124' DC)

CHLOR: 15,000 PPM
PH:8.0
RW: .50 @ 90 DEG

TOOL SAMPLE: 60% WTR, 40% MUD, W/ A VERY THIN SCUM OF OIL



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: SMY1-5DST4

TIME ON: 0425
 TIME OFF: 1240

Company MULL DRLG CO. INC. Lease & Well No. SOMY #1-5
 Contractor WW RIG 10 Charge to MULL DRLG CO. INC.
 Elevation 2470 KB Formation CHEROKEE SAND Effective Pay 12 Ft. Ticket No. M537
 Date 8/30/2013 Sec. 5 Twp. 17 S Range 24 W County NESS State KANSAS
 Test Approved By KEVIN L. KESSLER Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 4468 ft. to 4480 ft. Total Depth 4570 ft.
 Packer Depth 4463 ft. Size 6 3/4 in. Packer depth N/A ft. Size 6 3/4 in.
 Packer Depth 4468 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 4450 ft. Recorder Number 0063 Cap. 3603 P.S.I.
 Bottom Recorder Depth (Outside) 4476 ft. Recorder Number 6884 Cap. 6,275 P.S.I.
 Below Straddle Recorder Depth 4567 ft. Recorder Number E1150 Cap. 6125 P.S.I.

Mud Type CHEM Viscosity 52 Drill Collar Length 124 ft. I.D. 2 1/4 in.
 Weight 9.4 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 2,500 P.P.M. Drill Pipe Length 4312 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 12 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, INC TO 1 3/4" (NO BB)
 2nd Open: A VWSB, INC. TO 7 1/4 (A VERY VERY WEAK SHORT LIVED SURFACE BB)

Recovered 220 ft. of GMW 1% GAS, 98% WTR, 1% MUD
 Recovered 220 ft. of TOTAL FLUID (96' DP, 124' DC)
 Recovered _____ ft. of _____
 Recovered _____ ft. of CHLOR: 15,000 PPM

Recovered _____ ft. of <u>RW: .50 @ 90 DEG</u>	Price Job
Recovered _____ ft. of <u>PH: 8.0</u>	Other Charges
Remarks: <u>BELOW STRADDLE PSI: 1376</u>	Insurance
<u>TOOL SAMPLE: 60% WTR, 40% MUD, W/ A VERY THIN SCUM OF OIL</u>	Total

Time Set Packer(s) 6:40 A.M. A.M. P.M. Time Started Off Bottom 10:15 A.M. A.M. P.M. Maximum Temperature 125

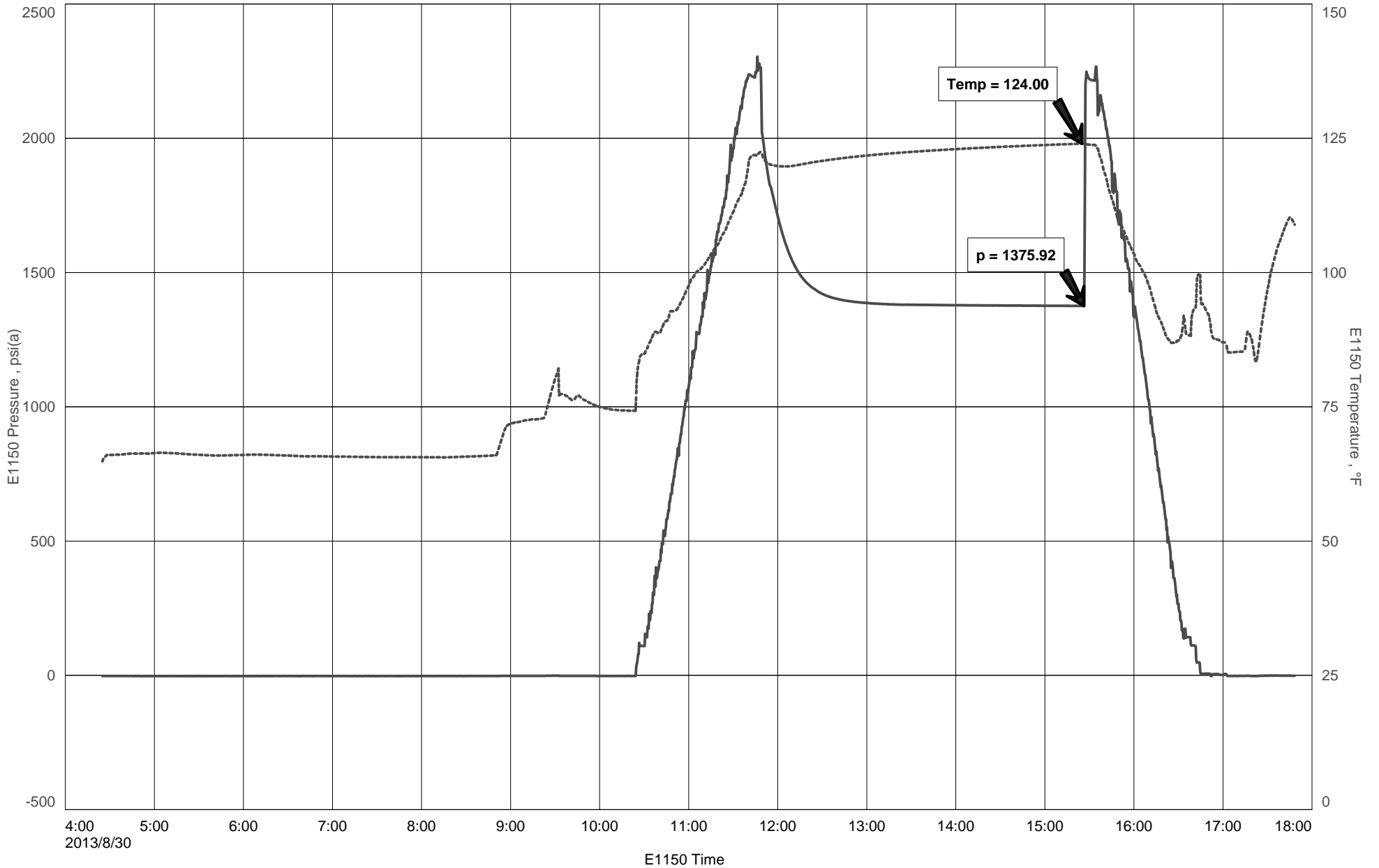
Initial Hydrostatic Pressure..... (A) 2181 P.S.I.
 Initial Flow Period..... Minutes 5 (B) 12 P.S.I. to (C) 29 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 1306 P.S.I.
 Final Flow Period..... Minutes 60 (E) 31 P.S.I. to (F) 107 P.S.I.
 Final Closed In Period..... Minutes 120 (G) 1298 P.S.I.
 Final Hydrostatic Pressure..... (H) 2172 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

MULL DRLG CO. INC.
DST#4 4468-4480 CHEROKEE SAND BELOW STRADDLE
Start Test Date: 2013/08/30
Final Test Date: 2013/08/30

SOMY #1-5
Formation: DST#4 4468-4480 CHEROKEE SAND BELOW STRADDLE
Pool: WILDCAT
Job Number: M537

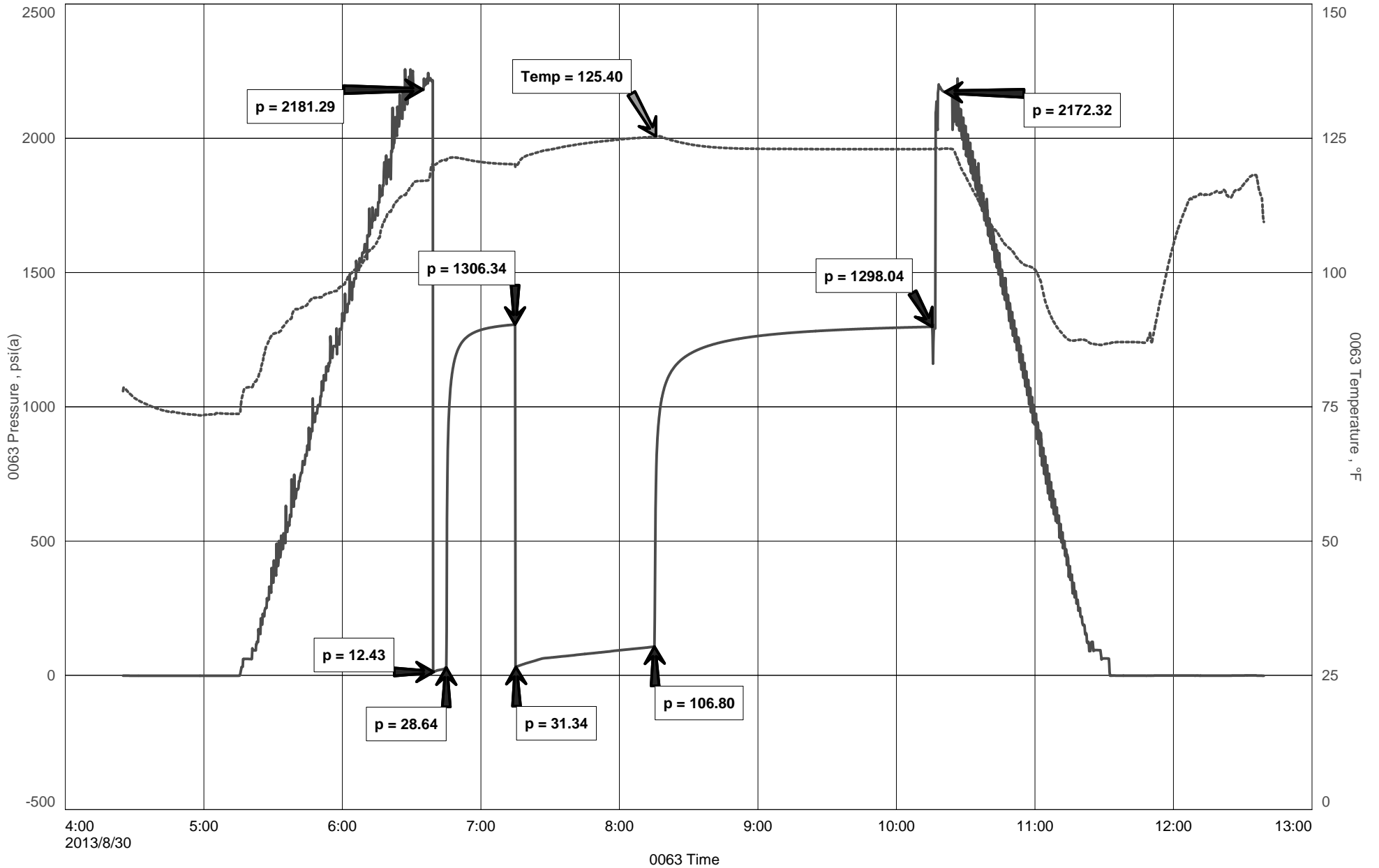
SOMY #1-5



MULL DRLG CO. INC.
DST#4 4468-4480 CHEROKEE SAND STRADDLE
Start Test Date: 2013/08/30
Final Test Date: 2013/08/30

SOMY #1-5
Formation: DST#4 4468-4480 CHEROKEE SAND STRADDLE
Pool: WILDCAT
Job Number: M537

SOMY #1-5



KEVIN L. KESSLER
CONSULTING PETROLEUM GEOLOGIST
 (316) 522-7338

OPERATOR : MULL DRILLING COMPANY, INC.
LEASE : SOMY WELL # : 1 - 5
LOCATION : 600' FSL & 2310' FWL
SEC: 05 TWP : 17 S RGE : 24 W
COUNTY : NESS STATE : KANSAS

ELEVATION
KB : 2470'
GL : 2465'
 MEASUREMENTS FROM
KB

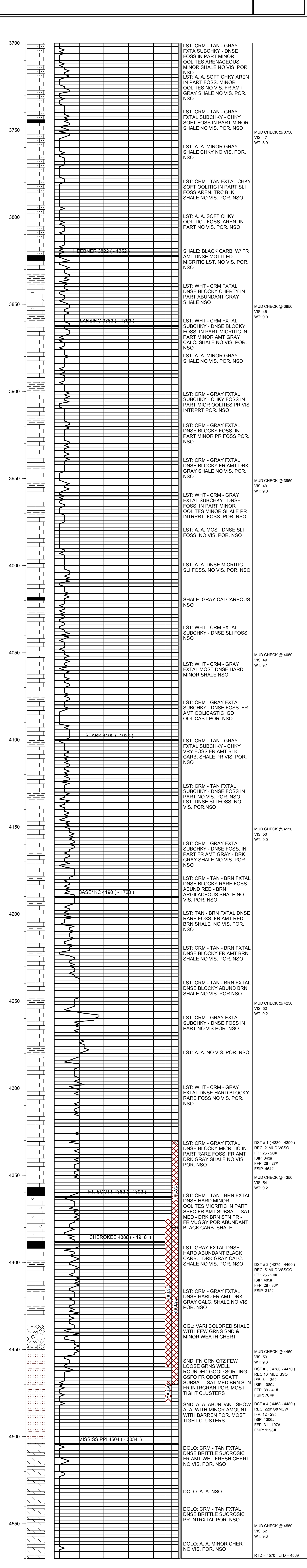
CONTRACTOR : W W DRILLING RIG # 10
COMM : 08 / 23 / 2013 **COMP : 08 / 30 / 2013**
RTD : 4570 **LOG TD : 4569**
SAMPLES SAVED FROM : 3700 **TO: RTD**
GEOLOGICAL SUPERVISION FROM : 3700 **TO : RTD**
MUD UP : 3600 **TYPE MUD : CHEMICAL**

CASING RECORD
SURFACE :
8 5/8" @ 215'
PRODUCTION :
 .

ELECTRICAL SURVEYS :
 CDL/CNL
 DIL
 MICRO
 SONIC

FORMATION	TOP	LOG	DATUM	TOP	SAMPLE	DATUM	STRUCT. COMP.
HEEBNER	3822		- 1352	3822		- 1352	+ 02
LANSING	3862		- 1392	3862		- 1392	+ 03
STARK	4098		- 1628	4100		- 1630	+ 02
BASE/ KC	4190		- 1720	4190		- 1720	+ 06
FORT SCOTT	4362		- 1892	4362		- 1892	- 04
CHEROKEE	4388		- 1918	4388		- 1918	- 04
MISSISSIPPI	4504		- 2034	4504		- 2034	?

REFERENCE WELL FOR STRUCTURAL COMPARISON :
PALOMINO PETROLEUM # 1 JARVIS SEC 05 - T 17 S - R 24 W NESS COUNTY KANSAS



MUD CHECK @ 3750
 VIS: 47
 WT: 8.9

MUD CHECK @ 3850
 VIS: 46
 WT: 9.0

MUD CHECK @ 3950
 VIS: 49
 WT: 9.0

MUD CHECK @ 4050
 VIS: 49
 WT: 9.1

MUD CHECK @ 4150
 VIS: 50
 WT: 9.0

MUD CHECK @ 4250
 VIS: 52
 WT: 9.2

MUD CHECK @ 4450
 VIS: 53
 WT: 9.3

MUD CHECK @ 4550
 VIS: 52
 WT: 9.3

DST # 1 (4330 - 4390)
 REC: 2' MUD VSSO
 IFF: 25 - 26#
 ISIP: 343#
 FFP: 26 - 27#
 FSIP: 464#

MUD CHECK @ 4350
 VIS: 54
 WT: 9.2

DST # 2 (4375 - 4460)
 REC: 5' MUD VSSGO
 IFF: 26 - 27#
 ISIP: 485#
 FFP: 28 - 36#
 FSIP: 312#

DST # 3 (4380 - 4470)
 REC: 10' MUD SSO
 IFF: 34 - 36#
 ISIP: 1080#
 FFP: 39 - 41#
 FSIP: 767#

DST # 4 (4468 - 4480)
 REC: 220' G&MCW
 IFF: 12 - 29#
 ISIP: 1306#
 FFP: 31 - 107#
 FSIP: 1298#

RTD = 4570 LTD = 4569

COMMENTS:

DUE TO NEGATIVE DST RESULTS
THIS WELL WAS PLUGGED
AS DRY & ABANDONED

KEVIN L. KESSLER