



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1162314  
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: \_\_\_\_\_



1162314

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 <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  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
<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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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>	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Mull Drilling Company, Inc.
Well Name	Payne 1-26
Doc ID	1162314

Tops

Name	Top	Datum
Anhydrite	1736	+ 682
B/Anhydrite	1772	+ 646
Heebner Shale	3810	- 1392
Lansing	3847	- 1429
Stark	4070	- 1652
Pawnee	4227	- 1809
Ft. Scott	4320	- 1902
Cherokee Shale	4341	- 1923
Mississippian Dolo	4410	- 1982

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

October 10, 2013

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

Re: ACO1  
API 15-135-25625-00-00  
Payne 1-26  
SE/4 Sec.26-16S-23W  
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



**CONSOLIDATED**  
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

TICKET NUMBER 37972  
LOCATION Oakley KS  
FOREMAN Jerry Whites (Trainer)  
Walt Dunkel

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-5-13	5659	Payne 1-26	26	163	23W	Ness
CUSTOMER Mull Drlg Co.		4+281		TRUCK #		DRIVER
MAILING ADDRESS		3E		456-TT18		Dane Rastloff
CITY		15				Jordan Loaden
STATE		3/4E				
ZIP CODE		N.S.				

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 210' CASING SIZE & WEIGHT 8 5/8 - 20#  
 CASING DEPTH 210' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 15.2 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 15'-20'  
 DISPLACEMENT 12 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5 BPM

REMARKS: Safety Meeting, rig upon WLD #10, circ on bottom,  
mix 165 SKS com, 3% cc - 2% Cal, Displace 12 BBL H<sub>2</sub>O  
Cement Did Circ  
Approx 4 BBL to P.T

*Thank You*  
*Jerry + crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1,150 <sup>00</sup>	1,150 <sup>00</sup>
5406	20	MILEAGE	5 <sup>25</sup>	105 <sup>00</sup>
11045	165 SKS	Class A Cement	18 <sup>55</sup>	3,060 <sup>75</sup>
1102	465 #	Calcium Chloride	94	437 <sup>10</sup>
1118B	310 #	6el	27	83 <sup>70</sup>
5407	7.76	Tan Mileage Delivery	1 <sup>75</sup>	430 <sup>00</sup>
				5,266 <sup>55</sup>
		Less 10% Disc		-526 <sup>66</sup>
				4,739 <sup>89</sup>

Ravin 3737  
 AUTHORIZATION TITLE T.P. DATE 7-5-13  
 SALES TAX ESTIMATED TOTAL

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 General Report

**JAKE  
FAHRENBRUCH - TESTER  
Cell: (620) 282-8977**

P.O. Box 157  
Hoisington KS 67544  
Office: (800) 542-7313

## General Information

<b>Company Name</b>	Mull Drilling Co., Inc.	<b>Well Name</b>	Payne #1-26
<b>Well Operator</b>	Mull Drilling Co., Inc.	<b>Unique Well ID</b>	DST #1 Fort Scott 4290'-4350'
<b>Contact</b>	Mark Shreve	<b>Surface Location</b>	Sec 26-16s-23w-Ness Co.-KS
<b>Site Contact</b>	Kevin Kessler	<b>Test Unit</b>	#5
<b>Field</b>	Wildcat	<b>Pool</b>	Wildcat
<b>Well Type</b>	Vertical	<b>Job Number</b>	F147
<b>Prepared By</b>	Jake Fahrenbruch	<b>Qualified By</b>	Kevin Kessler

## Test Information

<b>Test Type</b>	Conventional Bottom-Hole	<b>Test Purpose</b>	Initial Test
<b>Formation</b>	Fort Scott 4290'-4350'	<b>Gauge Name</b>	0062
<b>Start Test Date</b>	2013/07/09	<b>Start Test Time</b>	22:13:00
<b>Final Test Date</b>	2013/07/10	<b>Final Test Time</b>	04:52:00

## Test Results

5 minute initial flow period:	Quarter inch blow.
30 minute initial shut-in period:	No blow.
30 minute final flow period:	No blow.
60 minute final shut-in period:	No blow.

**Recovered:** 4' Drilling Mud  
 ----- Tool Sample: 100% mud  
 ----- Bottom-Hole Temp: 118 Deg F

**Pressures:**  
 IHP: 2108  
 IFP: 10-12  
 ISIP: 144  
 FFP: 12-13  
 FSIP: 53  
 FHP: 2094



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: payne1dst1

TIME ON: on loc. 2150, batt. on 2213  
TIME OFF: 0452

Company Mull Drilling Co. Inc. Lease & Well No. Payne #1-26  
Contractor WW Drilling Co., Rig #10 Charge to Mull Drilling Co. Inc.  
Elevation 2418' KB Formation Fort Scott Effective Pay \_\_\_\_\_ Ft. Ticket No. F147  
Date 7.9&10.2013 Sec. 26 Twp. 16 S Range 23 W County Ness State KANSAS  
Test Approved By Kevin Kessler Diamond Representative Jake Fahrenbruch

Formation Test No. One Interval Tested from 4290 ft. to 4350 ft. Total Depth 4350 ft.  
Packer Depth 4285 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4290 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4269 ft. Recorder Number 0062 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 4347 ft. Recorder Number 11033 Cap. 5,150 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chemical Viscosity 52 Drill Collar Length 123 ft. I.D. 2 1/4 in.  
Weight 9.4 Water Loss 8.8 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides 4800 P.P.M. Drill Pipe Length 4134 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number #5 w/safety joint Test Tool Length 33 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: Quarter inch blow.  
2nd Open: No blow.

Recovered 4 ft. of Drilling Mud  
Recovered \_\_\_\_\_ ft. of Tool Sample: 100% mud  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks:	Price Job
	Other Charges
	Insurance
	Total

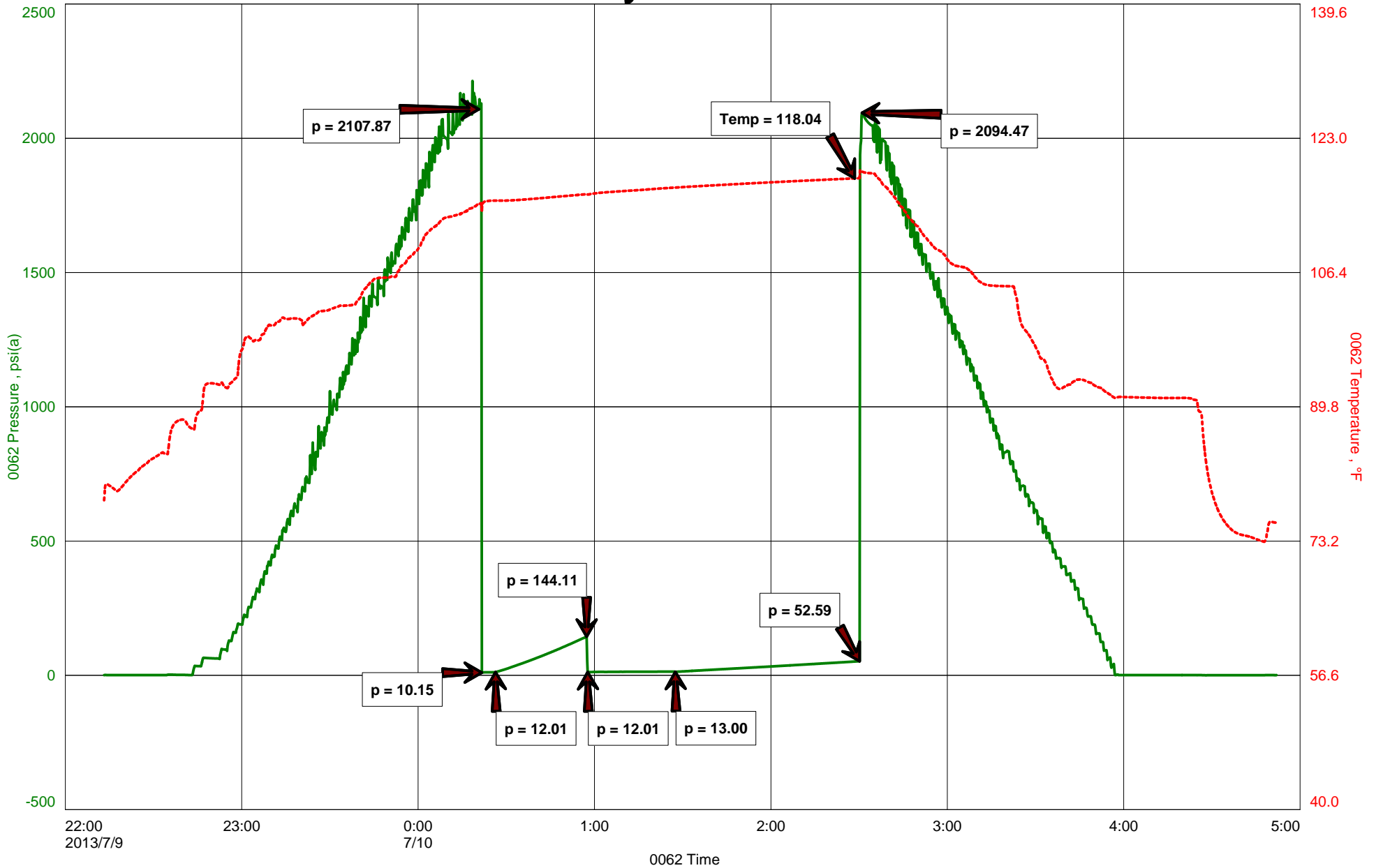
Time Set Packer(s) 0022 A.M. P.M. Time Started Off Bottom 0227 A.M. P.M. Maximum Temperature 118 Deg F  
Initial Hydrostatic Pressure..... (A) 2108 P.S.I.  
Initial Flow Period..... Minutes 5 (B) 10 P.S.I. to (C) 12 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 144 P.S.I.  
Final Flow Period..... Minutes 30 (E) 12 P.S.I. to (F) 13 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 53 P.S.I.  
Final Hydrostatic Pressure..... (H) 2094 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 Drilling Co., Inc.  
DST #1 Fort Scott 4290'-4350'  
Start Test Date: 2013/07/09  
Final Test Date: 2013/07/10

Payne #1-26  
Formation: Fort Scott 4290'-4350'  
Pool: Wildcat  
Job Number: F147

# Payne #1-26





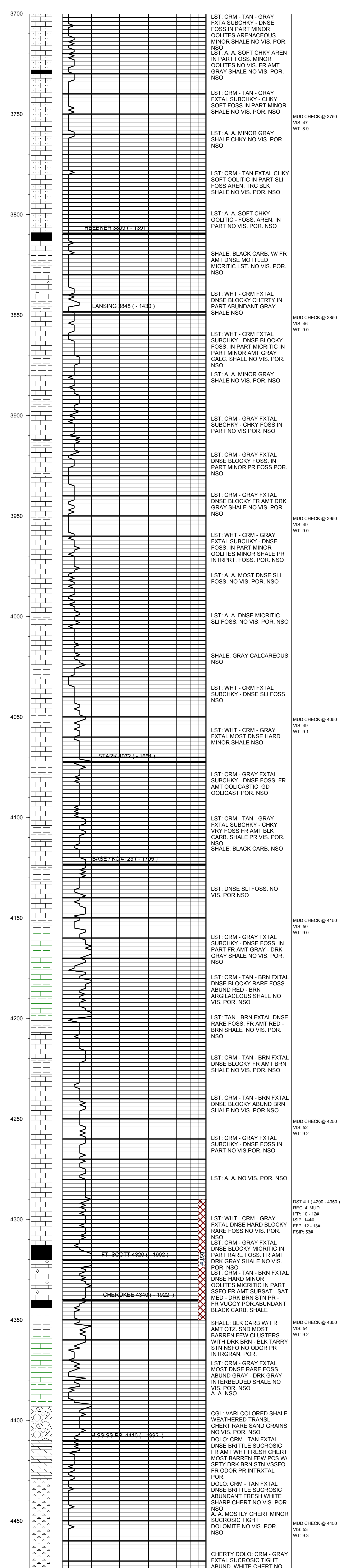
**KEVIN L. KESSLER**  
**CONSULTING PETROLEUM GEOLOGIST**  
**( 316 ) 522-7338**

<b>OPERATOR : MULL DRILLING COMPANY, INC.</b>		<b>ELEVATION</b>
<b>LEASE : PAYNE</b>	<b>WELL # : 1 - 26</b>	<b>KB : 2418</b>
<b>LOCATION : 360' FSL &amp; 868' FEL</b>		<b>GL : 2413</b>
<b>SEC: 26</b>	<b>TWP : 16 S</b>	<b>RGE : 23 W</b>
<b>COUNTY : NESS</b>		<b>STATE : KANSAS</b>
<b>CONTRACTOR : W W DRILLING RIG # 10</b>		<b>CASING RECORD</b>
<b>COMM: 07 / 05 / 2013</b>	<b>COMP : 07 / 11 / 2013</b>	<b>SURFACE : 8 5/8" @ 210'</b>
<b>RTD : 4480</b>	<b>LOG TD : 4484</b>	<b>PRODUCTION :</b>
<b>SAMPLES SAVED FROM : 3700</b>	<b>TO: RTD</b>	<b>ELECTRICAL SURVEYS:</b>
<b>GEOLOGICAL SUPERVISION FROM : 3700</b>	<b>TO : RTD</b>	<b>CDL/CNL</b>
<b>MUD UP : 3600</b>	<b>TYPE MUD : CHEMICAL</b>	<b>DIL</b>

FORMATION	TOP	LOG	DATUM	TOP	SAMPLE	DATUM	STRUCT. COMP.
HEEBNER	3809		- 1391	3809		- 1391	- 13
LANSING	3848		- 1430	3848		- 1430	- 14
STARK	4072		- 1654	4072		- 1654	- 14
BASE/ KC	4123		- 1705	4123		- 1705	- 11
FORT SCOTT	4320		- 1902	4320		- 1902	- 14
CHEROKEE	4340		- 1922	4340		- 1922	- 18
MISSISSIPPI	4410		- 1992	4410		- 1992	- 12

REFERENCE WELL FOR STRUCTURAL COMPARISON :

PHILLIPS DODGE # 1 KLITZKE                      SEC 35 - T 16 S - R 23 W                      NESS COUNTY KANSAS



RTD = 4480 LTD = 4484

**COMMENTS:**

**DUE TO LOW STRUCTURAL POSITION & NEGATIVE**

**DRILL STEM TEST RESULTS**

**THIS WELL WAS PLUGGED AS DRY & ABANDONED**

**KEVIN L. KESSLER**