



1161668

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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> _____	PRODUCTION INTERVAL: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	Mull Drilling Company, Inc.
Well Name	Cofer A 1-17
Doc ID	1161668

All Electric Logs Run

CDL/CNL/PE
DIL
MEL
Sonic

Form	ACO1 - Well Completion
Operator	Mull Drilling Company, Inc.
Well Name	Cofer A 1-17
Doc ID	1161668

Tops

Name	Top	Datum
Anhydrite	1724	+ 596
B/Anhydrite	1760	+ 560
Heebner Shale	3678	- 1358
Lansing	3715	- 1395
B/KC	4014	- 1694
Pawnee	4100	- 1776
Ft. Scott	4195	- 1875
Cherokee Shale	4218	- 1898
Conglomerate	4279	- 1959
Mississippian	4286	- 1966
Mississippian Poro	4290	- 1970

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 09, 2013

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

Re: ACO1
API 15-195-22819-00-00
Cofer A 1-17
SE/4 Sec.17-15S-23W
Trego 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

TICKET NUMBER 40021
LOCATION Oakley, KS
FOREMAN Kelly Gabel

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-20-13	5659	Cofar A #1-17	17	15	23	Trego
CUSTOMER		Mull		Wakenoy		KS
MAILING ADDRESS		20 south E into		TRUCK #	DRIVER	TRUCK #
CITY		STATE		ZIP CODE		
				463	Travis	
				397	Jeremy	
					Mike	

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 215' CASING SIZE & WEIGHT 8 5/8 24#
 CASING DEPTH 215 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 148 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 12 1/4 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: safety meeting, rigged up on WAW #10, hooked up to circulate, mixed 165 sks com 3% cc 2% gel, displaced with 12 1/4 hbl water, shut in, washed out pumps + lines, rigged down.

Cement did circulate

Approx 7 hbl to pit

Thank you Kelly & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1150 ⁰⁰	1150 ⁰⁰
5406	15 mi	MILEAGE	525	7875
11045	165 sks	Class A cement	1855	306075
1103	465#	Calcium chloride	.94	43710
1188	310#	Bentonite	.27	8370
5407	7.76	Ton Mileage delivery	175	43000
				52403
				52403
				471632
			SALES TAX	
			ESTIMATED TOTAL	

AUTHORIZATION *Mike Beland* TITLE W.W. RUSHER DATE 6-20-13

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.



CHARGE TO: MULL DRILLING
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET
 NO. **25018**

PAGE 1 OF 2

SERVICE LOCATIONS
 1. NESS CITY, KS WELL/PROJECT NO. _____ LEASE COOPER A-1-17 COUNTY/PARISH TRECO STATE KS CITY TRASSON, KS DATE 8/7/03 OWNER _____
 2. TICKET TYPE SERVICE CONTRACTOR WIND DRILLING RIGS RIG NAME/NO. _____ SHIPPED VIA _____ DELIVERED TO _____ ORDER NO. _____
 3. SALES WELL TYPE D/L WELL CATEGORY DEVELOPMENT JOB PURPOSE SEA LOOSE STRING WELL PERMIT NO. _____ WELL LOCATION 75N E 21W
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #115	2D	MILE			6.00	12.00
578					PUMP CHANGE	1	JOB			15.00	15.00
401					100% FIDUCIARY AUTO FILL	1	EA.			1.00	1.00
402					CEMENTIZERS	10	EA.			9.00	90.00
403					CEMENT BASKETS	1	EA.			285.00	285.00
404					PORT COLLAR	1	EA.	1733	PI.	26.57	26.57
405					GUIDE SHOC	1	EA.			200.00	200.00
410					TOP PLUG	1	EA.			100.00	100.00
413					ROTOVAL SEARCHERS	1	EA.			400.00	400.00
419					ROTARY HEAD REPAIR	1	EA.			200.00	200.00
420					PLUG ADAPTER REPAIR	1	EA.			200.00	200.00

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 [Signature]
 DATE SIGNED: 8/7/03 TIME SIGNED: 4:00 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	TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					1	6,975.00
WE UNDERSTOOD AND MET YOUR NEEDS?					2	6,530.00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?						
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?						
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO				
					TOTAL	13,780.40

SWIFT OPERATOR [Signature] APPROVAL [Signature]
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 Thank you

JOB LOG

SWIFT Services, Inc.

DATE 27 JUN 13 PAGE NO.

CUSTOMER
MULL DRILLING

WELL NO.

LEASE COFER A 1-17

JOB TYPE 5 1/2 LONGSTRING

TICKET NO. 25018

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0620							ON LOCATION
	0915							START PIPE 5 1/2 - 14# RTD @ 4400 LTD @ 4399 SHOE JT. 42' SET @ 4392 CENTRALIZERS 1, 2, 3, 4, 5, 7, 9, 11, 13, 16, 3 BASKET. 164 PORT COLLAR # 164 @ 1733
	1106							DROP BALL CIRCULATE
	1233	6	15		✓		300	Pump 15 BBL KCL
		6	24		✓		300	Pump ADDITIONAL FLOCHECK
		6	5		✓		300	Pump 5 BBL KCL
	1242		7					PLUG RH (30sx)
	1244	4	34 1/2		✓			MIX 150sx 50/50 POC 2% GFL
	1254							WASH OUT PUMP & LINES
	1257	6			✓			RELEASE PLUG START DISPLACING
	1315	8	106		✓		800	PLUG DOWN
								RELEASE PSI - DRY
	1319							WASH TRUCK
	1400							JOB COMPLETE
								THANKS #115
								JASON JEFF FLINT



Services, Inc.

CHARGE TO: MULL DRILLING
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
 NO. **25019**

PAGE 1 OF

SERVICE LOCATIONS
 1. Ness City, KS WELLPROJECT NO.
 2. Adfer A1-17 LEASE
 3. HD DILEFIELD SERV CONTRACTOR
 4. DIL WELL TYPE
 TICKET TYPE: SERVICE SALES
 RIG NAME/NO. TRECO
 WELL CATEGORY DEVELOPMENT JOB PURPOSE Cement Port Collar
 STATE KS COUNTY/PARISH TRECO
 SHIPPED VIA RAISON DELIVERED TO KS
 DATE 8/5/13 ORDER NO.
 WELL PERMIT NO. 78N E IUTO WELL LOCATION

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
5795					MILEAGE #115	25	MIL			6.00	1500.00
5710D					Pump Charge	1500				1.00	1500.00
276					FLOUCE	50	LBS			2.00	100.00
290					D-AIR	2	PC			42.00	84.00
330					SMD CEMENT	195	SK			17.00	3315.00
581					GENERAL SERVICE CHARGE	200	SK			2.00	400.00
582					MINIMUM DRAPAGE	19970	LBS			2.50	49925.00

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 DATE SIGNED 8/5/13 TIME SIGNED 10:30
 A.M. P.M.

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	

PAGE TOTAL 5799.00
 TAX 7.05% 267.60
 TOTAL 6066.60

SWIFT OPERATOR James P. Kelly APPROVAL
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 Thank You.

JOB LOG

SWIFT Services, Inc.

DATE: 2 July 13 PAGE NO.

CUSTOMER: MULL DRILLING WELL NO. LEASE: COFER A 1-17 JOB TYPE: CEMENT PORT COLLAR TICKET NO. 25019

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0845							ON LOCATION
								PORT COLLAR @ 1733
	0900						1000	TEST - HELD
	0905							OPEN PORT COLLAR
	0911	4	108			250		MIX 195 SX SMD
		3	9			150		DISPLACE CEMENT
								CIRCULATE 20 SX TO PIT
	0942						1000	CLOSE PORT COLLAR - TEST - HELD
								RUN 4 JTS.
	0952	4	22				200	REVERSE CEMENT OUT OF TUBING
	1003							WASH TRUCK
	1030							JOB COMPLETE
								THANKS #115
								JASON JEFF DOUG



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: cofera1-7DST1

TIME ON: 12:43
TIME OFF: 19:42

Company Mull Drilling Co. Inc. Lease & Well No. Cofer A #1-7
Contractor WW Rig #10 Charge to Mull Drilling Co. Inc.
Elevation 2320 KB Formation Lansing E-F Effective Pay -- Ft. Ticket No. S0349
Date 6-23-13 Sec. 17 Twp. 15 S Range 23 W County Trego State KANSAS
Test Approved By Kevin Kessler Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 3765 ft. to 3790 ft. Total Depth 3790 ft.

Packer Depth 3760 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 3765 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3746 ft. Recorder Number 8471 Cap. 10,000 P.S.I.

Bottom Recorder Depth (Outside) 3787 ft. Recorder Number 3851 Cap. 5,700 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 49 Drill Collar Length 125 ft. I.D. 2 1/4 in.

Weight 8.9 Water Loss 8.4 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 4,200 P.P.M. Drill Pipe Length 3607 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number 3 Test Tool Length 33 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out NO Anchor Length 25 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- No Build NOBB

2nd Open: No Blow- Built to 1" in 60 min NOBB

Recovered 50 ft. of HMCW 55% W 45% M

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of PH: 8

Recovered _____ ft. of RW: .22 @ 98 degrees F Price Job _____

Recovered _____ ft. of Chlorides: 22,000 ppm Other Charges _____

Remarks: _____ Insurance _____

Tool Sample: 28% W 72% M Total _____

Time Set Packer(s) 2:21 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 5:56 PM ^{A.M.}/_{P.M.} Maximum Temperature 112

Initial Hydrostatic Pressure..... (A) 1772 P.S.I.

Initial Flow Period..... Minutes 5 (B) 5 P.S.I. to (C) 10 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 1308 P.S.I.

Final Flow Period..... Minutes 60 (E) 10 P.S.I. to (F) 33 P.S.I.

Final Closed In Period..... Minutes 120 (G) 1263 P.S.I.

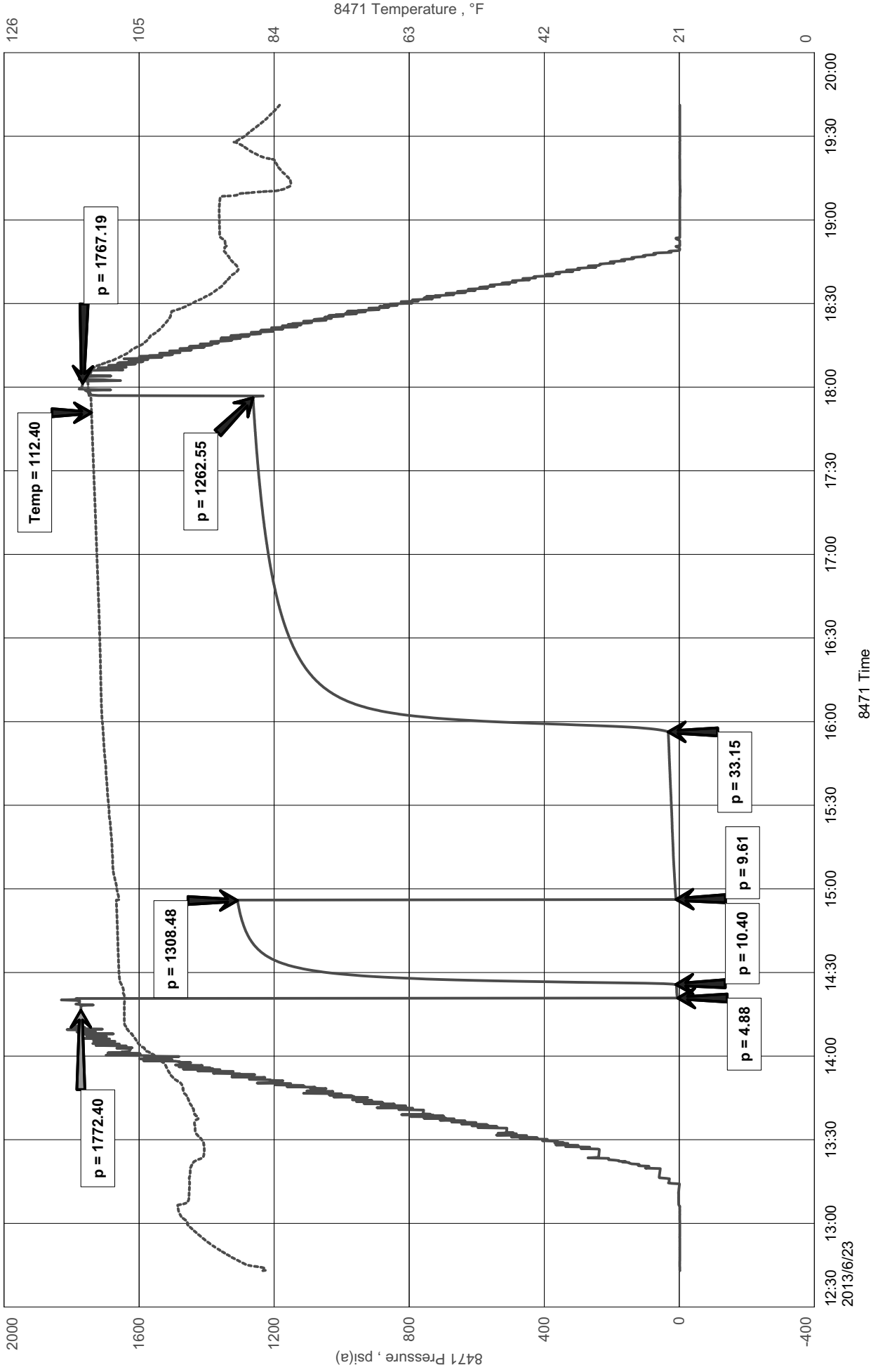
Final Hydrostatic Pressure..... (H) 1767 P.S.I.

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 Lansing E-F 3765-3790'
Start Test Date: 2013/06/23
Final Test Date: 2013/06/23

Cofer A #1-7
Formation: DST #1 Lansing E-F 3765-3790'
Pool: Wildcat
Job Number: S0349

Cofer A #1-7



Diamond Testing

General information Report

General Information

Company Name Mull Drilling Co. Inc.

Contact	Mark Shreve	Job Number	S0349
Well Name	Cofer A #1-7	Representative	Jacob McCallie
Unique Well ID	DST #1 Lansing E-F 3765-3790'	Well Operator	Mull Drilling Co. Inc.
Surface Location	SEC 17-15S-23W Trego County	Report Date	2013/06/23
Well License Number		Prepared By	Jacob McCallie
Field	Wildcat		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #1 Lansing E-F 3765-3790'		
Well Fluid Type	01 Oil	Start Test Time	12:43:00
		Final Test Time	19:42:00
Start Test Date	2013/06/23		
Final Test Date	2013/06/23		
Gauge Name	8471		
Gauge Serial Number			

Test Results

RECOVERED:
50' HMCW 55% W 45% M

PH: 7
RW: .22 @ 98 degrees F
Chlorides: 22,000 ppm

TOOL SAMPLE:
28% W 72% M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: cofera1-17DST2

TIME ON: 6-24 22:09
TIME OFF: 6-25 04:09

Company Mull Drilling Co. Inc. Lease & Well No. Cofer A #1-17
Contractor WW Rig #10 Charge to Mull Drilling Co. Inc.
Elevation 2320 KB Formation _____ Ft. Scott Effective Pay _____ -- Ft. Ticket No. S0350
Date 6-24-13 Sec. 17 Twp. _____ 15 S Range _____ 23 W County _____ Trego State KANSAS
Test Approved By Kevin Kessler Diamond Representative Jacob McCallie

Formation Test No. 2 Interval Tested from 4170 ft. to 4220 ft. Total Depth 4220 ft.

Packer Depth 4165 ft. Size 6 3/4 in. Packer depth _____ -- ft. Size 6 3/4 in.

Packer Depth 4170 ft. Size 6 3/4 in. Packer depth _____ -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4151 ft. Recorder Number 8471 Cap. 10,000 P.S.I.

Bottom Recorder Depth (Outside) 4217 ft. Recorder Number 3851 Cap. 5,700 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 56 Drill Collar Length 125 ft. I.D. 2 1/4 in.

Weight 9.2 Water Loss 10.4 cc. Weight Pipe Length _____ -- ft. I.D. 2 7/8 in.

Chlorides 5,400 P.P.M. Drill Pipe Length 4012 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 3 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 50 (18.5p) 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- No Build NOBB

2nd Open: No Blow- No Build NOBB

Recovered 2 ft. of OSM 100% M (few oil specks)

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Tool Sample: 100% M (few oil specks) Total _____

Time Set Packer(s) 6-24 11:54 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 6-25 1:59 AM ^{A.M.}/_{P.M.} Maximum Temperature 117

Initial Hydrostatic Pressure..... (A) 2000 P.S.I.

Initial Flow Period..... Minutes 5 (B) 8 P.S.I. to (C) 9 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 118 P.S.I.

Final Flow Period..... Minutes 30 (E) 9 P.S.I. to (F) 10 P.S.I.

Final Closed In Period..... Minutes 60 (G) 74 P.S.I.

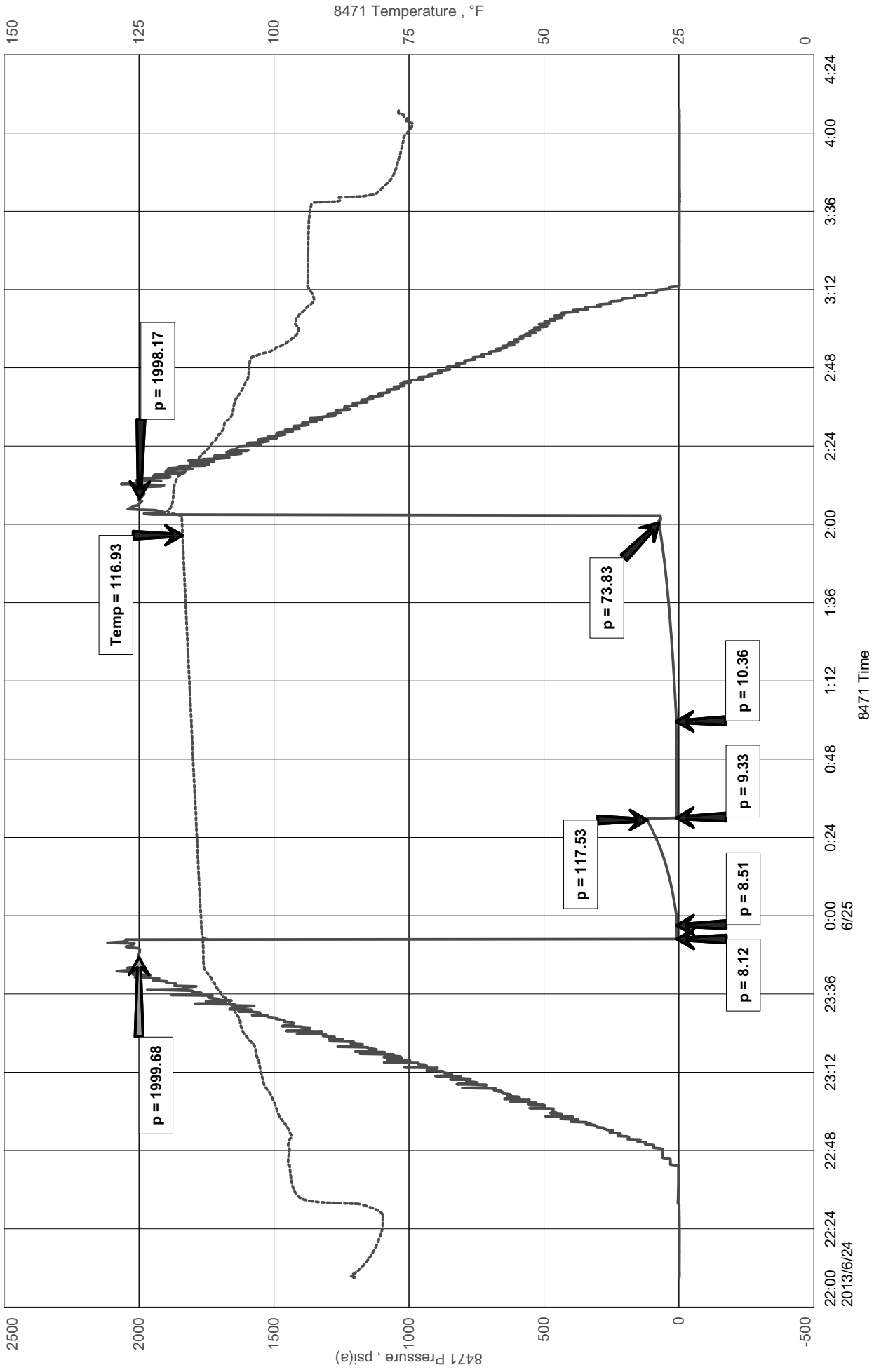
Final Hydrostatic Pressure..... (H) 1998 P.S.I.

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 #2 Ft. Scott 4170-4220'
Start Test Date: 2013/06/24
Final Test Date: 2013/06/25

Cofer A #1-17
Formation: DST #2 Ft. Scott 4170-4220'
Pool: Wildcat
Job Number: S0350

Cofer A #1-17



Diamond Testing

General information Report

General Information

Company Name Mull Drilling Co. Inc.

Contact	Mark Shreve	Job Number	S0350
Well Name	Cofer A #1-17	Representative	Jacob McCallie
Unique Well ID	DST #2 Ft. Scott 4170-4220'	Well Operator	Mull Drilling Co. Inc.
Surface Location	SEC 17-15s-23W Trego County	Report Date	2013/06/24
Well License Number		Prepared By	Jacob McCallie
Field	Wildcat		
Well Type	Vertical		

Test Type	Drill Stem Test	Start Test Time	22:09:00
Formation	DST #2 Ft. Scott 4170-4220'	Final Test Time	04:09:00
Well Fluid Type	01 Oil		
Start Test Date	2013/06/24		
Final Test Date	2013/06/25		
Gauge Name	8471		
Gauge Serial Number			

Test Results

RECOVERED:
2' OSM 100% M (few oil specks)

TOOL SAMPLE:
100% M (few oil specks)



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: cofera1-17DST3

TIME ON: 13:59
 TIME OFF: 21:30

Company Mull Drilling Co. Inc. Lease & Well No. Cofer A #1-17
 Contractor WW Rig #10 Charge to Mull Drilling Co. Inc.
 Elevation 2320 KB Formation Cher/Miss Effective Pay -- Ft. Ticket No. S0351
 Date 6-25-13 Sec. 17 Twp. 15 S Range 23 W County Trego State KANSAS
 Test Approved By Kevin Kessler Diamond Representative Jacob McCallie

Formation Test No. 3 Interval Tested from 4175 ft. to 4290 ft. Total Depth 4290 ft.

Packer Depth 4170 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 4175 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4156 ft. Recorder Number 8471 Cap. 10,000 P.S.I.

Bottom Recorder Depth (Outside) 4287 ft. Recorder Number 3851 Cap. 5,700 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 53 Drill Collar Length 125 ft. I.D. 2 1/4 in.

Weight 9.4 Water Loss 9.8 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 4,700 P.P.M. Drill Pipe Length 4017 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number 3 Test Tool Length 33 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out NO Anchor Length 115' (20.5p) 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: 1/4" Blow- Built to 1/2" in 5 min NOBB

2nd Open: WSB- Built to 6" in 60 min NOBB

Recovered 68 ft. of CO 100% CO GRAVITY: 32 @ 60 degrees F

Recovered 67 ft. of HOCM 45% O 55% M

Recovered 135 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____ Price Job

Recovered _____ ft. of _____ Other Charges

Remarks: _____ Insurance

Tool Sample: 26% O 74% M Total

Time Set Packer(s) 3:47 PM A.M. P.M. Time Started Off Bottom 7:22 PM A.M. P.M. Maximum Temperature 116

Initial Hydrostatic Pressure..... (A) 2002 P.S.I.

Initial Flow Period..... Minutes 5 (B) 12 P.S.I. to (C) 20 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 1249 P.S.I.

Final Flow Period..... Minutes 60 (E) 25 P.S.I. to (F) 60 P.S.I.

Final Closed In Period..... Minutes 120 (G) 1249 P.S.I.

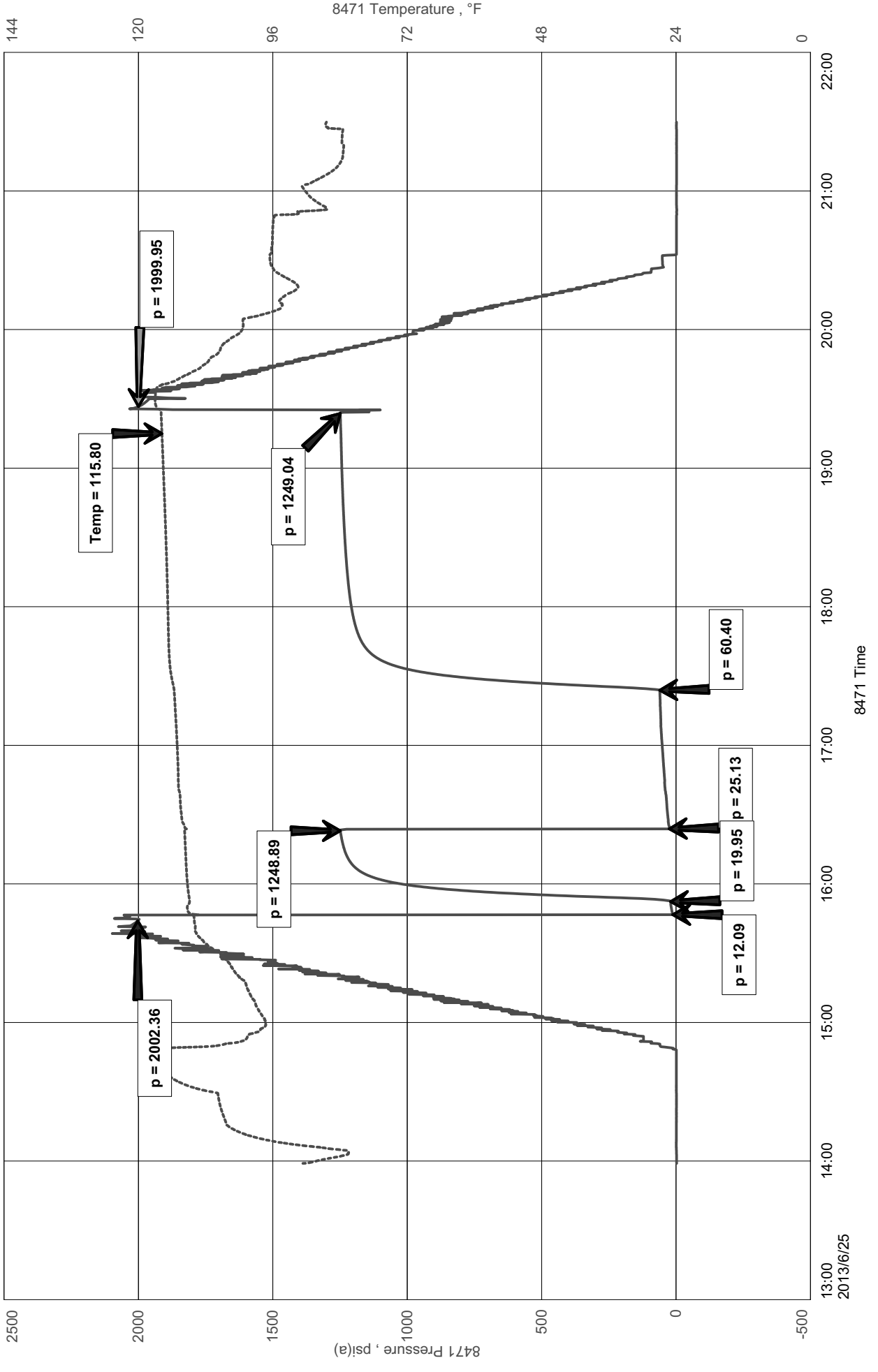
Final Hydrostatic Pressure..... (H) 2000 P.S.I.

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 #3 Cher/Miss 4175-4290'
Start Test Date: 2013/06/25
Final Test Date: 2013/06/25

Cofer A #1-17
Formation: DST #3 Cher/Miss 4175-4290'
Pool: Wildcat
Job Number: S0351

Cofer A #1-17



Diamond Testing

General information Report

General Information

Company Name Mull Drilling Co. Inc.

Contact	Mark Shreve	Job Number	S0351
Well Name	Cofer A #1-17	Representative	Jacob McCallie
Unique Well ID	DST #3 Cher/Miss 4175-4290'	Well Operator	Mull Drilling Co. Inc.
Surface Location	SEC 17-15S-23W Trego County	Report Date	2013/06/25
Well License Number		Prepared By	Kevin Kessler
Field	Wildcat		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #3 Cher/Miss 4175-4290'		
Well Fluid Type	01 Oil	Start Test Time	13:59:00
		Final Test Time	21:30:00
Start Test Date	2013/06/25		
Final Test Date	2013/06/25		
Gauge Name	8471		
Gauge Serial Number			

Test Results

RECOVERED:

68'	CO	100% CO
67'	HOCM	45% O 55% M
135'	TOTAL FLUID	

GRAVITY: 32 @ 60 degrees F

TOOL SAMPLE:

26% O 74% M



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

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

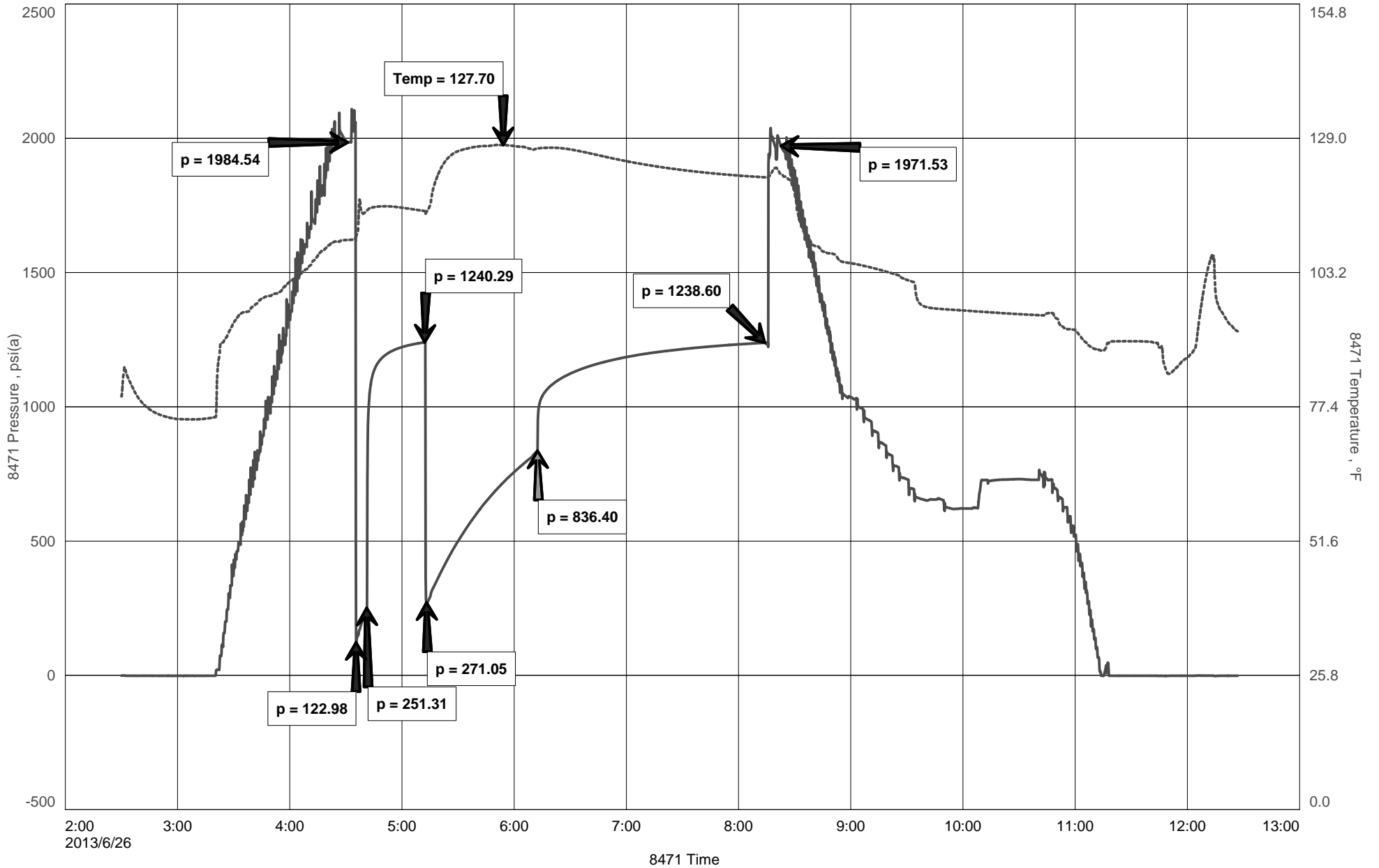
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

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Mull Drilling Co Inc
DST #4 Cher/Miss 4202-4297'
Start Test Date: 2013/06/26
Final Test Date: 2013/06/26

Cofer A #1-17
Formation: DST #4 Cher/Miss 4202-4297'
Pool: Wildcat
Job Number: S0352

Cofer A #1-17



Diamond Testing

General information Report

General Information

Company Name Mull Drilling Co Inc

Contact	Mark Shreve	Job Number	S0352
Well Name	Cofer A #1-17	Representative	Jacob McCallie
Unique Well ID	DST #4 Cher/Miss 4202-4297'	Well Operator	Mull Drilling Co Inc
Surface Location	SEC 17-15S-23W Trego County	Report Date	2013/06/26
Well License Number		Prepared By	Jacob McCallie
Field	Wildcat		
Well Type	Deviated		

Test Type	Drill Stem Test		
Formation	DST #4 Cher/Miss 4202-4297'		
Well Fluid Type	01 Oil	Start Test Time	02:30:00
		Final Test Time	12:27:00
Start Test Date	2013/06/26		
Final Test Date	2013/06/26		
Gauge Name	8471		
Gauge Serial Number			

Test Results

RECOVERED:

1390'	CO	100% O	GRAVITY: 31 @ 60 degrees F
630'	SLGCHMCO	12% G 48% O 40% M	
125'	SLWCMCO	58% O 15% W 27% M	
2145'	TOTAL FLUID		

Dropped bar at 1638'

TOOL SAMPLE:

69% O 19% W 12% M

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

OPERATOR : MULL DRILLING COMPANY, INC.
LEASE : COFER 'A' WELL # : 1 - 17
LOCATION : 423' FSL & 840' FEL
SEC: 17 TWP : 15 S RGE : 23 W
COUNTY : TREGO STATE : KANSAS

ELEVATION
KB : 2320
GL : 2315
MEASUREMENTS FROM
KB

CONTRACTOR : W W DRILLING RIG # 10
COMM : 06 / 20 / 2013 **COMP : 06 / 27 / 2013**
RTD : 4400 **LOG TD : 4399**
SAMPLES SAVED FROM : 3600 TO : RTD
GEOLOGICAL SUPERVISION FROM : 3600 TO : RTD
MUD UP : 3500 TYPE MUD : CHEMICAL

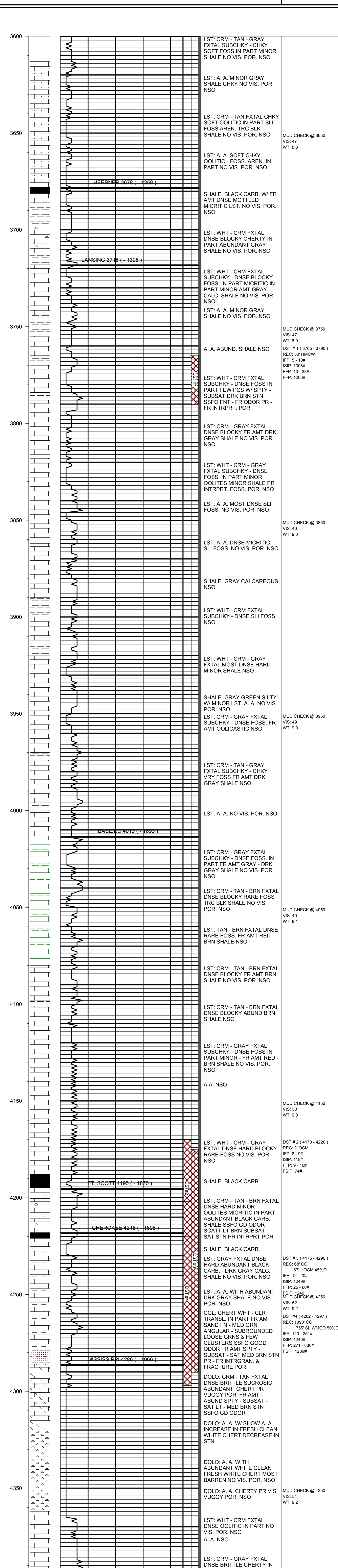
CASING RECORD
SURFACE :
8 5/8" @ 215'
PRODUCTION :
5 1/2" @ 4400'

ELECTRICAL SURVEYS:

FORMATION	TOP	LOG	DATUM	TOP	SAMPLE	DATUM	STRUCT. COMP.
HEEBNER	3678		- 1358	3678		- 1358	+ 05
LANSING	3718		- 1398	3718		- 1398	+ 02
BASE/ KC	4013		- 1693	4013		- 1693	+ 02
FORT SCOTT	4195		- 1875	4195		- 1875	+ 07
CHEROKEE	4218		- 1898	4218		- 1898	+ 06
MISSISSIPPI	4286		- 1966	4286		- 1966	- 20

REFERENCE WELL FOR STRUCTURAL COMPARISON :
DIAMOND SHAMROCK # 1 TOEDMAN SEC 17 - T 15 S - R 23 W TREGO COUNTY KANSAS

CDL/CNL
DIL
MICRO
SONIC



COMMENTS:
PRODUCTION CASING WAS SET TO FURTHER
EVALUATE THE POTENTIAL PRODUCTIVITY OF THIS WELL
KEVIN L. KESSLER