



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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



1054383

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

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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

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

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

Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Mull Drilling Company, Inc.
Well Name	Wierman 'B' 1-17
Doc ID	1054383

Tops

Name	Top	Datum
Anhydrite	1779	+ 670
B/Anhydrite	1818	+ 631
Heebner Shale	3822	- 1373
Lansing	3862	- 1413
B/KC	4130	- 1681
Pawnee	4228	- 1779
Fort Scott	4326	- 1877
Cherokee Sand	4414	- 1965
Mississippian	4459	- 2010



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
820-431-9210 or 800-467-8676

TICKET NUMBER **27989**

LOCATION Oklahey, KS

FOREMAN Pat Heister

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-17-11	5659	Wiceman 18"	17	16S	22W	Neosho

CUSTOMER
Mull Oils

MAILING ADDRESS

CITY STATE ZIP CODE

TRUCK #	DRIVER	TRUCK #	DRIVER
463	Miles S		
555	Kelly G		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 227' CASING SIZE & WEIGHT 4 1/2 24W

CASING DEPTH 227 DRILL PIPE TUBING OTHER

SLURRY WEIGHT 15.2 SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 20'

DISPLACEMENT 13 DISPLACEMENT PSI MIX PSI RATE

REMARKS: Softly meeting - 100 - 160 sk - 3500 250 gal - Displace 13000 H2O @ 100 PSI Shut in @ 1250 PSI

Circulated good cement

Thank you Pat & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE		
5406	20 mi	MILEAGE	1025 ⁰⁰	1025 ⁰⁰
5907	1	Min Bulk Delivery	5 ⁰⁰	100 ⁰⁰
11045	160 sk	Class "A" Cement	410 ⁰⁰	410 ⁰⁰
1102	437 lb	Cokeum biterite	16 ⁹⁹	2699 ⁰⁰
1140	300 lb	Bentolite gel	89	367 ⁰⁰
			29	72 ⁰⁰
		<i>239604</i>		
		<i>sub total</i>		<i>4662⁰⁰</i>
		<i>CESS</i>	<i>20⁰⁰</i>	<i>932.42</i>
				<i>3729.66</i>
			SALES TAX ESTIMATED	197.01
			TOTAL	3926.67

AUTHORIZATION

[Signature]

TITLE

DATE

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: **MUHL**
 ADDRESS:
 CITY, STATE, ZIP CODE

TICKET
 20097

PAGE 1 OF 2

SERVICE LOCATIONS: **1100 Gtz 115** WELLPROJECT NO. **1-17** LEASE **WERNER B** COUNTY/PARISH **NASS** STATE **KS** CITY **Brownell** DATE **23 Feb 11** OWNER
 TICKET TYPE: SERVICE SALES CONTRACTOR
 RIG NAME/NO. **NASS** DELIVERED TO **LOCATION** ORDER NO.
 WELL TYPE **Oil** WELL CATEGORY **Development** JOB PURPOSE **connect long string** WELL PERMIT NO.
 REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	LOC	ACCT	DF	DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
575					MILEAGE	25	mi			5.00	125.00
578					Pump Charge	1	ea			1400.00	1400.00
400					Gravel shov	5 1/2	in	1	ea	155.00	155.00
402					Centralizer	5 1/2	in	8	ea	55.00	440.00
403					Connect Bracket	5 1/2	in	1	ea	200.00	200.00
404					DEPT COLLAR	5 1/2	in	1	ea	1900.00	1900.00
410					TOP PILE	5 1/2	in	1	ea	180.00	180.00
415					Insert Pilot collar w/ FILL UP	5 1/2	in	2	ea	330.00	330.00
419					Partials head leader	5 1/2	in	1	ea	150.00	150.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: **X** *Phyllis Rader* TALE SIGNED: AM PM

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

SURVEY: CUSTOMER DID NOT WASH TO RESPOND
 YES NO

PAGE TOTAL: **1** 4600.00
 SUBTOTAL: **10387.00**
 TAX: **6.3%** 523.69
 TOTAL: **10,911.19**

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services provided in this invoice.
 SWIFT OPERATOR: _____ APPROVAL: _____
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 23 FEB 11 PAGE NO. 1

CUSTOMER MULL WELL NO. 1-17 LEASE Weirman B JOB TYPE Cement long string TICKET NO. 20097

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								200 lbs 50/50 PZ
								5 1/2 14" casing 108 joints 4518'
								42 shoe joint float collar 4475'
								Port Collar 1800' top of jtlde
								Basket st 65
								Control valves 1, 2, 3, 5, 7, 9, 11, 67
	0000							on loc tek 114
	0110							start 5 1/2" casing in well
	0320							Drop ball - circulates Rotate
	0510	4 1/2	15				300	Pump 1500 KCL flush
		4 1/2	24				300	Pump 1000 P-floc back
		1/2	5				300	Pump 5 KCL flush
	0520		7					Plug RH - 30 30 lbs
	0525	4 3/4	39				300	Mix cement 170 lbs 50/50 PZ 144 PZ
								wash out pump & lines
	0540							Release plug
		6 3/4	90				450	Displace plug
		6 3/4	105				800	
	0600	6 3/4	110				150	Plug down
								Release pressure to truck - hold
								wash truck
								Rack up
	0640							job complete
								truck back to base



Services, Inc.

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

TICKET **20530**
 PAGE 1 OF 1

SERVICE LOCATION: **1. Ness City, KS**
 WELL/PROJECT NO.: _____
 LEASE: **WIERMAN B-1-17**
 COUNTY/PARISH: **Ness**
 RIG NAME NO.: _____
 STATE: **KS.**
 CITY: **BROWNELL, KS.**
 DATE: **1 MAR 11**
 OWNER: _____
 TICKET TYPE: **CONTRACTOR**
 CONTRACTOR: **WILSON WEST Well Serv**
 RIG SALES: SERVICE
 WELL TYPE: **OIL**
 WELL CATEGORY: **DEVELOPMENT**
 JOB PURPOSE: **cement Port Collar**
 DELIVERED TO LOCATION: _____
 ORDER NO.: _____
 WELL LOCATION: **24J1N/E350**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT	
		LOC	ACCT								DE
575				MILEAGE # 11D	20	mi			5.00	100.00	
576D				Pump Charge	1	hrs	180	ft	1100.00	1100.00	
105				PORT COLLAR DEPOSITING TOOL	1	hrs			300.00	300.00	
276				FLUXCE	1	hr	37	lbs	1.50	55.50	
290				D-AIR	1	hr	1 1/2	hr	35.00	52.50	
330				SWIFT MULTI DENSITY	1	hr	145	hr	1.50	217.50	
581				SERVICE CHARGE CEMENT	1	hr	200	hr	1.50	300.00	
582				MINIMUM DRAINAGE	1	hr	199	70	hr	250.00	250.00

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 CUSTOMERS AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: **1 MAR 11** TIME SIGNED: **1430** ALL A.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? WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE MET YOUR NEEDS? PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICES? YES NO

AGREE UNDECIDED DISAGREE

PAGE TOTAL: **4333**

TOTAL: **4495.73**

TAX: **7.55**
 TAX @ **6.3%**
 TOTAL: **162.73**

SWIFT OPERATOR: **Ann Speltz** APPROVAL: _____

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: _____

DATE: _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE MAR 11 PAGE NO. 1

CUSTOMER MULL DRILLING WELL NO. LEASE WIERTMAN B1-17 JOB TYPE CEMENT PORT COLLAR TICKET NO. 20530

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							ON LOCATION 2 7/8 x 5 1/2 PORT COLLAR @ 1800'
	1326				✓		1000	PRESSURE UP HELD
	1329	3			✓		300	OPEN PORT COLLAR TAKE INJ. RATE.
	1332	4	80	✓	✓	200	200	MIX 145 SX SMD @ 11.2 PPG
		4	9 1/2	✓		200		DISPLACE CEMENT CIRCULATE 20 SX TO PIT
	1353				✓		1000	CLOSE PORT COLLAR PRESSURE UP HELD
								RUN 4 JOINTS.
	1402	4	25		✓		300	REVERSE CEMENT OUT
	1415							WASH TRUCK
	1430							JOB COMPLETE
								THANKS #110
								JASON JEFF JOE



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mull Drilling Co, Inc.
1700 N Waterfront Pkwy
Bldg 1200
Wichita, Ks 67206
ATTN: Kevin Kessler

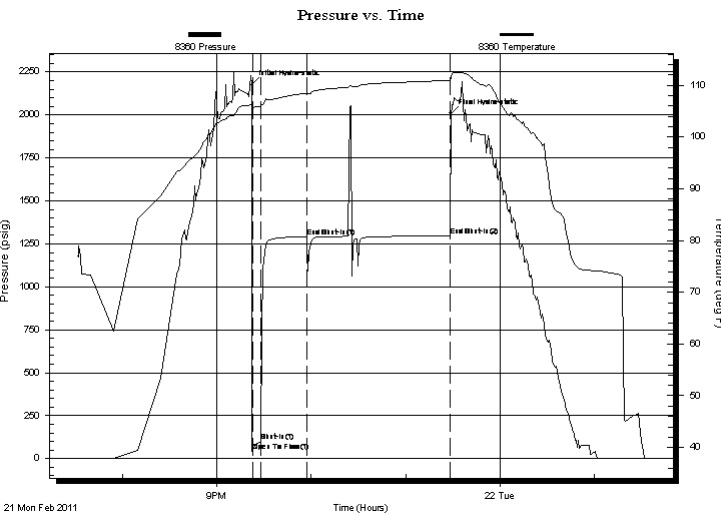
Wierman B #1-17
17 16s 22w
Job Ticket: 040578 **DST#: 1**
Test Start: 2011.02.21 @ 19:31:30

GENERAL INFORMATION:

Formation: **Cherokee Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:22:30
Time Test Ended: 01:32:15
Interval: **4340.00 ft (KB) To 4425.00 ft (KB) (TVD)**
Total Depth: 4425.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Bradley Walter
Unit No: 40
Reference Elevations: 2449.00 ft (KB)
2444.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8360 Inside
Press @ Run Depth: 99.56 psig @ 4341.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.02.21 End Date: 2011.02.22 Last Calib.: 2011.02.22
Start Time: 19:31:35 End Time: 01:32:14 Time On Btm: 2011.02.21 @ 21:22:15
Time Off Btm: 2011.02.21 @ 23:28:30

TEST COMMENT: IF: 6 1/2 inch blow .
IS: No return blow .
FF: Surface blow , died @ 10 min, Flushed tool surface blow died.
FS: No return blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2176.21	106.32	Initial Hydro-static
1	42.38	105.52	Open To Flow (1)
6	99.56	106.07	Shut-In(1)
35	1292.27	108.50	End Shut-In(1)
126	1297.25	110.98	End Shut-In(2)
127	2010.32	111.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
160.00	ocm 30%o 70%m	1.15

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co, Inc.

Wierman B #1-17

1700 N Waterfront Pkw y
Bldg 1200
Wichita, Ks 67206
ATTN: Kevin Kessler

17 16s 22w

Job Ticket: 040578

DST#: 1

Test Start: 2011.02.21 @ 19:31:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
160.00	ocm 30%o 70%m	1.151

Total Length: 160.00 ft Total Volume: 1.151 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

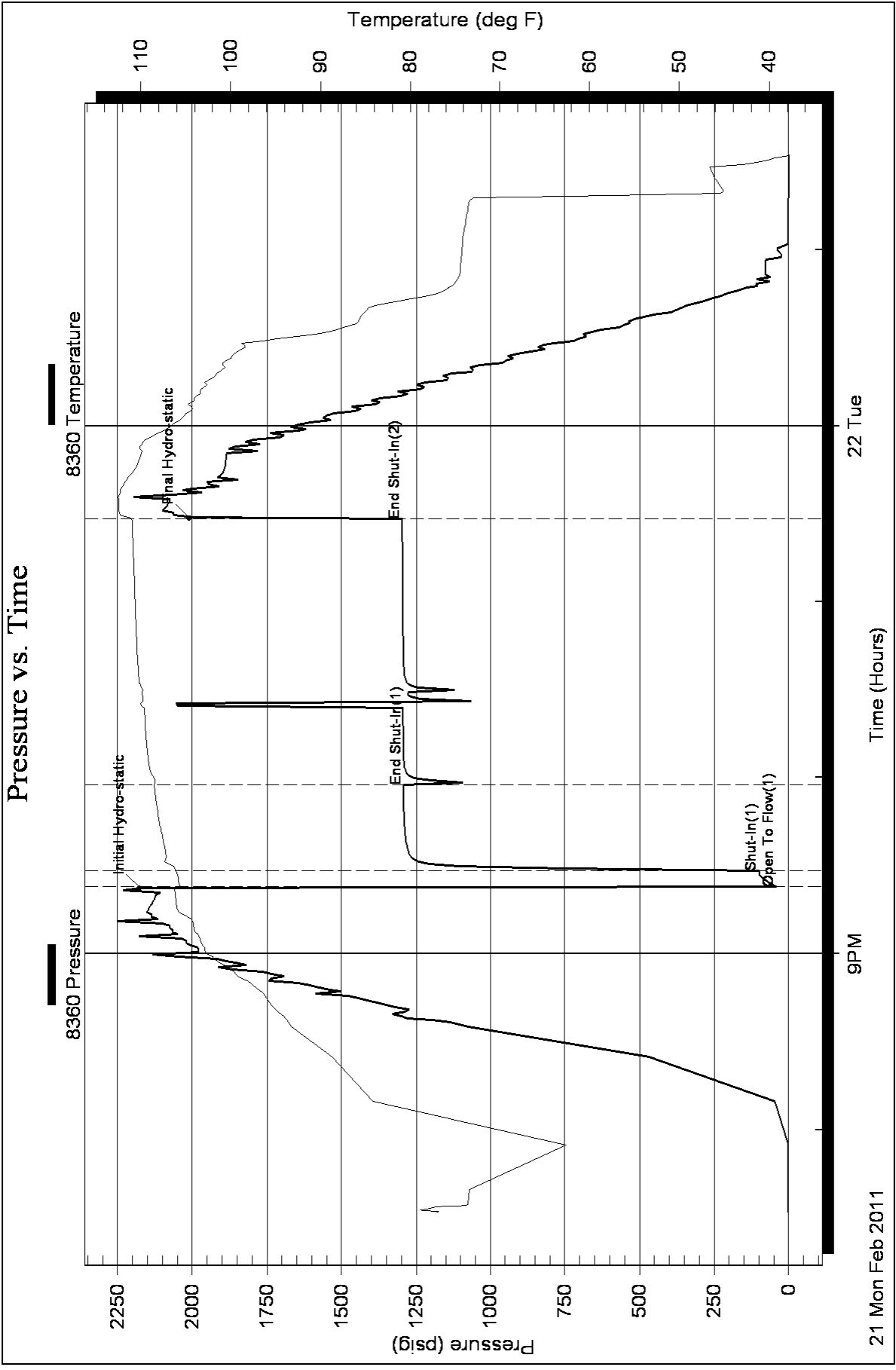
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



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/>

Thomas E. Wright, Chairman
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

May 03, 2011

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

Re: ACO1
API 15-135-25210-00-00
Wierman 'B' 1-17
SW/4 Sec.17-16S-22W
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

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

OPERATOR : MULL DRILLING COMPANY INC.
LEASE : WIERMAN 'B' WELL # : 1 - 17
LOCATION : 1021' FSL & 401' FWL
SEC: 17 TWP : 16 S RGE : 22 W
COUNTY : NESS STATE : KANSAS

ELEVATION
KB : 2449
GL : 2444
MEASUREMENTS FROM
KB

CONTRACTOR : W W DRILLING RIG # 10
COMM : 02 / 17 / 2011 COMP : 02 / 22 / 2011
RTD : 4530 LOG TD : 4530
SAMPLES SAVED FROM : 3700 TO : RTD
GEOLOGICAL SUPERVISION FROM : 3700 TO : RTD
MUD UP : 3600 TYPE MUD : CHEMICAL

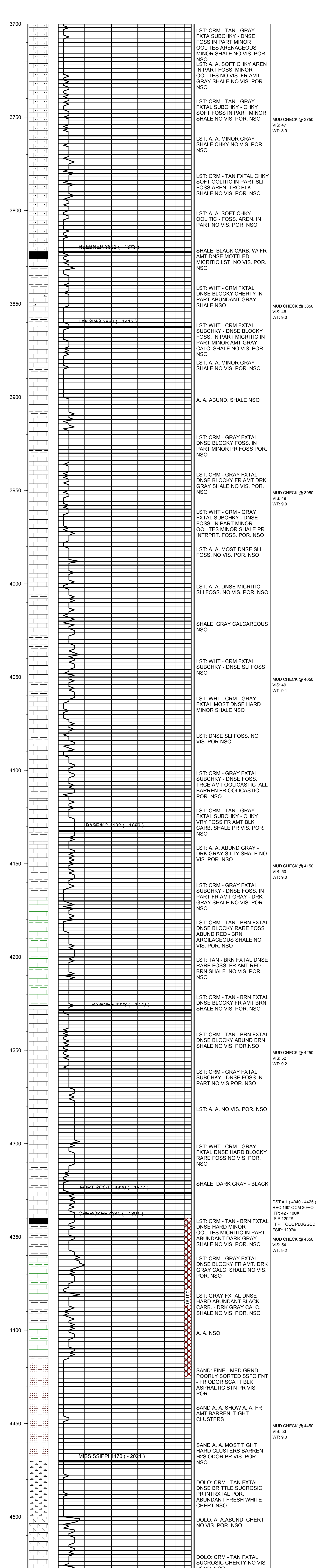
CASING RECORD
SURFACE :
8 5/8" @ 227
PRODUCTION :
4 1/2" @ 4530

ELECTRICAL SURVEYS:
DIL
CNL / CDL
MICRO
SONIC

FORMATION	TOP	LOG	DATUM	TOP	SAMPLE	DATUM	STRUCT. COMP.
HEEBNER	3822		- 1373	3822		- 1373	+ 04
LANSING	3862		- 1413	3862		- 1413	+ 01
B/KC	4132		- 1683	4132		- 1683	- 01
PAWNEE	4228		- 1779	4228		- 1779	+ 01
FT SCOTT	4326		- 1877	4326		- 1877	- 02
CHEROKEE	4340		- 1891	4340		- 1891	FLAT
MISSISSIPPI	4470		- 2021	4470		- 2021	+ 59

REFERENCE WELL FOR STRUCTURAL COMPARISON :

MULL DRILLING # 1 - 18 SQUIRE SEC. 18 - T 16S - R 22W NESS COUNTY KANSAS



COMMENTS:

4 1/2 " PRODUCTION CASING WAS SET TO FURTHER EVALUATE THE PRODUCTIVITY OF THIS WELL

KEVIN L. KESSLER