

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
October 2008  
Form Must Be Typed

5/21/12

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5144  
Name: Mull Drilling Company, Inc.  
Address 1: 1700 N. Waterfront Parkway, Building #1200  
Address 2: \_\_\_\_\_  
City: Wichita State: KS Zip: 67206 + 6637  
Contact Person: Mark Shreve  
Phone: ( 316 ) 264-6366

CONTRACTOR: License # 33575  
Name: WW Drilling, LLC  
Wellsite Geologist: Phil Askey  
Purchaser: Plains Marketing

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  
 Gas  ENHR  SIGW  
 CM (Coal Bed Methane)  Temp. Abd.  
 Dry  Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, 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: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled Docket No.: \_\_\_\_\_  
 Dual Completion Docket No.: \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_  
3/1/10 3/7/10 3/29/10  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 135-25039-00-00  
Spot Description: \_\_\_\_\_  
SW\_NW\_SE\_SEC. 18 Twp. 16 S. R. 22  East  West  
939 Feet from  North /  South Line of Section  
1297 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ness

Lease Name: Squier Well #: 1-18  
Field Name: Wildcat  
Producing Formation: Cherokee Sand  
Elevation: Ground: 2441' Kelly Bushing: 2446'  
Total Depth: 4578' Plug Back Total Depth: 4524'  
Amount of Surface Pipe Set and Cemented at: 218 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1791' Feet  
If Alternate II completion, cement circulated from: 1791'  
feet depth to: surface w/ 160 sx cmt.

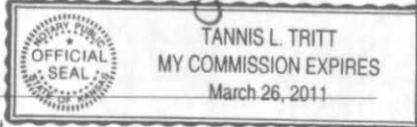
Drilling Fluid Management Plan AAIINS2710  
(Data must be collected from the Reserve Pit)  
Chloride content: 17,200 ppm Fluid volume: 800 bbls  
Dewatering method used: Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: \_\_\_\_\_  
Title: President/COO Date: 5/21/2010

Subscribed and sworn to before me this 21<sup>st</sup> day of May  
20 10  
Notary Public: Tannis L. Tritt  
Date Commission Expires: 3-26-2011



**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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MAY 21 2010  
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Operator Name: Mull Drilling Company, Inc. Lease Name: Squier Well #: 1-18  
 Sec. 18 Twp. 16 S. R. 22  East  West County: Ness

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1776	+ 670
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3823	- 1377
List All E. Logs Run:		B/KC	4128	- 1682
<b>Superior: CDL/CNL/PE; DIL; Sonic &amp; Micro</b>		Ft. Scott	4321	- 1875
		Cherokee Shale	4337	- 1891
		Cherokee Sand	4396	- 1950
		Miss/Warsaw	4526	- 2080

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 1/4"	8 5/8"	20#	218'	Common	150	3% cc, 2% gel
Production	7 7/8"	5 1/2"	14#	4561'	50/50 Poz	125	Halad-1

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	Surface-1791'	SMD	160	Flocele

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	4398' - 4406'		

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TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>4350'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>3/29/10</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>			
Estimated Production Per 24 Hours	Oil Bbbs. <u>100</u>	Gas Mcf <u>N/A</u>	Water Bbbs. <u>0</u>	Gas-Oil Ratio <u>N/A</u> Gravity <u>40.2</u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
---	--	--

# QUALITY OILWELL CEMENTING, INC.

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

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

No. 3626

Date	3-1-10	Sec.	18	Twp.	16	Range	22	County	NESS	State	Ks	On Location		Finish	7:00 PM	
Lease	Savice		Well No.	1-18		Location										Brownell, Ks 3W to 4 Rd
Contractor	WW Dels		2		Owner										1/4 W into	
Type Job	Surface		To Quality Oilwell Cementing, Inc.													
Hole Size	12 1/4		T.D.	219		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.										
Csg.	8 5/8 20#		Depth	218.33		Charge To										Mull Dels G. Inc
Tbg. Size			Depth			Street										
Tool			Depth			City										State
Cement Left in Csg.	15'		Shoe Joint	15'		The above was done to satisfaction and supervision of owner agent or contractor.										
Meas Line			Displace	1.32 Bbls		<b>CEMENT</b>										
<b>EQUIPMENT</b>						Amount Ordered										150 sx Common 2 1/2 GAL 3% CL
Pumptrk	5	No.	Cementor	JOE		Common										150 @ 10.50
Bulktrk	11	No.	Driver	DOUG		Poz. Mix										
Bulktrk	PV	No.	Driver	TODD		Gel.										3 @ 17.00
<b>JOB SERVICES &amp; REMARKS</b>						Calcium										5 @ 42.00
Remarks:	Run 5 #'s 8 5/8 20# set @ 218.33															
	Mix Pump 150 sx Common 2 1/2 GAL 3% CL															
	15# gal 1.35 #/3															
	Disp 13.2 Bbls total															
	Close Valve on Csg 200#															
	Good CMC thru JO3															
	CMC OUT TO PS															
<b>FLOAT EQUIPMENT</b>						Handling										158 @ 2.00
<b>Quality Oilwell Cementing</b>						Mileage										.08 PER SX PER MI. 300.00
<b>Cementing</b>						Guide Shoe										
<b>PLEASE CALL AGAIN</b>						Centralizer										
<b>RECEIVED</b>						Baskets										
<b>MAY 21 2010</b>						AFU Inserts										
<b>KCC WICHITA</b>						Pumptrk Charge										Surface 450.00
<b>CONFIDENTIAL</b>						Mileage										20 @ 7.00 140.00
Signature	TODD JOE / DOUG															
	Tax															
	Discount															
	Total Charge															



CHARGE TO: **MULL DRILLING**  
 ADDRESS: **KCC**  
 CITY, STATE, ZIP CODE: **MAY 21 2010**  
**CONFIDENTIAL**

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 MAY 24 2010

TICKET  
 18373

PAGE 1 OF 1

SERVICE LOCATIONS: 1. **NESS CITY**  
 WELL/PROJECT NO.: **SQUIRE 1-18** LEASE: **NESS** COUNTY: **NESS** STATE: **KS** CITY: **BROWNELL, KS.** DATE: **18 MAR 10** OWNER:  
 2. TICKET TYPE:  SERVICE  SALES CONTRACTOR: **WILD WEST WELL SERV.** RIG NAME/NO.: **LOCATION** SHIPPED VIA: **DELIVERED TO:** ORDER NO.:  
 3. WELL TYPE: **OIL** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **CEMENT PORT COLLAR** WELL PERMIT NO.: WELL LOCATION: **3W, 1 1/4N, WINTO**  
 4. REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE #110	20		MIL		5.00	100	.00
576D		1			PUMP CHARGE	1		JOBS	1791 FT	1100.00	1100	.00
105		1			PORT COLLAR OPENING TOOL	1		JOBS		300.00	300	.00
330		1			SWIFT MULTI-DENSITY STANDARD	180		SKS		14.00	2520	.00
<del>270</del> 276		1			FLOCELE	50		lbs		1.50	75	.00
290		1			D-AIR	2		gal		35.00	70	.00
581		1			SERVICE CHARGE CEMENT	200		SKS		1.50	300	.00
582		1			MINIMUM DRAINAGE	199.70		lbs	199.70 TM	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 CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: **18 MAR 10** TIME SIGNED: **1100**  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
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				4715.00
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		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL

NESS TAX @ 5.3% 157.15

TOTAL 4872.15

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

WFT OPERATOR: **[Signature]** APPROVAL: **[Signature]**

Thank You!

03/31/2010 14:40 FAX 7197678994 MDC-CHEV\_WELLS.CO + MDC WICHITA 001/002

JOB LOG

SWIFT Services, Inc.

DATE 18 MAR 10 PAGE NO. 1

CUSTOMER MULL DRILLING WELL NO. LEASE SQUIRE 1-18 JOB TYPE CEMENT PORT COLLAR TICKET NO. 18373

CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS TOTAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0920							ON LOCATION SET TRUCK UP 2 7/8 x 5 1/2 PORT COLLAR @ 1791
	0935						500	PRESSURE TEST CASING. HELD
	0940	2		✓		100		OPEN PORT COLLAR/INJECTION RATE.
	0950	3	100	✓		300AV.		MIX 180 SKS SMD CEMENT @ 11.2 ppg.
	1020	2	9	✓		300		DISPLACE CEMENT - CIRCULATE 20 SKS TO PIT
	1025			✓		500		CLOSE PORT COLLAR. / PRESSURE TEST HELD RUN 4 JTS TUBING.
	1030	2 1/2	16				200	REVERSE CEMENT OUT
	1041							WASH TRUCK UP.
								RACK TRUCK UP
	1100							JOB COMPLETE
								THANKS #110
								JASON, ROGER, ROB

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CHARGE TO: Mull Orig. Co.  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

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 MAY 24 2010

TICKET  
 18339

KCC WICHITA

PAGE 1 OF 2

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 MAY 21 2010  
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SERVICE LOCATIONS <u>Ness City KS</u>	WELL/PROJECT NO. <u>1-18</u>	LEASE <u>Squien</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>KS</u>	CITY <u>Ness City</u>	DATE <u>3-8-10</u>	OWNER
TICKET TYPE <u>A SERVICE</u>	CONTRACTOR <u>W+W Orig. Co.</u>	RIG NAME/NO. <u>2</u>	SHIPPED VIA	DELIVERED TO <u>Brownell</u>	ORDER NO.		
WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Cement 5 1/2 Casing</u>	WELL PERMIT NO.	WELL LOCATION <u>Brownell 2W, IN, Wint</u>			
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF			UM		UM		
575		1			MILEAGE Trk # 114	25	mi	5	00	125.00	
578		1			Pump Charge Longstring	1	lea	1400	00	1400.00	
221		1			Liquid KCL	2	gal	25	00	50.00	
280		1			Flocheck 21	1000	gal	2	50	2500.00	
400		1			Guide Shoe	1	lea	5 1/2"	155	00	155.00
403		1			Cement Basket	2	lea	5 1/2"	180	00	360.00
404		1			Port Collar	1	lea	5 1/2"	1900	00	1900.00
409		1			Turbolizer	6	lea	5 1/2"	65	00	390.00
410		1			Top Plug	1	lea	5 1/2"	100	00	100.00
413		1			Roto Wall Scratcher	10	lea	50 ft	40	00	400.00
415		1			Insert Floet Collar w/fillup	1	lea	5 1/2"	330	00	330.00
419		1			Rotating Head Rental	1	lea	8 1/2"	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.

JUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

SIGNED: [Signature] TIME SIGNED: 1400  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
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
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
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL 1	7860 00
Page #2	2776 00
sub total	10,636 00
TAX	
ness 5.3%	455 72
<b>TOTAL</b>	<b>11,091 72</b>

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

WIFT OPERATOR: Brett Corsair APPROVAL: \_\_\_\_\_

Thank You!



PO Box 466  
Ness City, KS 67560  
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 18339

CUSTOMER: M-11 Drlg. Co WELL: Squier 1-18 DATE: 3-8-10 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		TIME	DESCRIPTION	UNIT	QTY	UOM	UNIT PRICE	AMOUNT
		ACC	DEBIT							
327		1			50/50 Pozmix 2 1/2 Gal	sk	175		8.00	1400.00
276		1			Flocele	lbs	44		1.50	66.00
283		1			Salt	lbs	850		0.15	127.50
286		1			Haled-1	lbs	100		6.00	600.00
290		1			D-Air	gal	2		35.00	70.00

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581		1			SERVICE CHARGE	CUBIC FEET	175		1.50	262.50
582		1			TOTAL WEIGHT	LOADED MILES	14839	25	250.00	250.00
										2776.00

03/19/2010 10:09 FAX 7197678994 MDC-CHEV\_WELLS.CO + MDC WICHITA 002/003

JOB LOG

SWIFT Services, Inc.

DATE 3-8-10 PAGE NO.

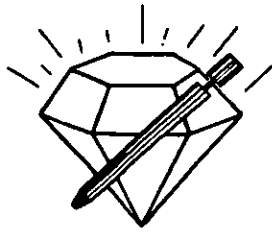
CUSTOMER Mell Drly Co WELL NO. 1-18 LEASE Squaw JOB TYPE Cement 5 1/2 Casing TICKET NO. 18339

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1400							On Location 5 1/2 14# Cent. 2, 3, 4, 5, 6, 66 TD-4578' Basket 6, 65 TP-4561' PC-#67 1791' PS-4561' 110Jts SJ-38' 7Jts out
	1600							Start 5 1/2 Casing
	1815							Break Circulation
	1950	6 3/4	34	✓			200	Pump 566l Water-2466l Flcheck-566l Water-
	1955	3	7	✓				Plug Rat Hole 30sks
	2000	3	5	✓				Plug Mouse Hole 20sks
		4		✓			200	Start Cement 125sks @ 14.4 pps
			29					- Shut Down-Release Plug-Wash Pumping
	2015	6 3/4		✓			150	Start Displacement
			88	✓			300	Lift Cement
							600	Max lift
	2030		110.3				1500	Land Plug-Release-Held
								Wash Truck
	2100							Job Complete Thank you Brett, Dawn & Jason

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# DIAMOND TESTING

P.O. Box 157  
HOISINGTON, KANSAS 67544  
(620) 653-7550 • (800) 542-7313  
STC 30046.D707

Company Mull Drilling Company, Inc. Lease & Well No. Squier No. 1-18  
Elevation 2446 KB Formation Fort Scott Effective Pay      -- Ft. Ticket No. J2503  
Date 3-6-10 Sec. 18 Twp. 16S Range 22W County Ness State Kansas  
Test Approved By Phil Askey Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 4,290 ft. to 4,350 ft. Total Depth 4,350 ft.  
Packer Depth 4,285 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.  
Packer Depth 4,290 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.  
Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 4,293 ft. Recorder Number 30046 Cap. 6,000 psi  
Bottom Recorder Depth (Outside) 4,347 ft. Recorder Number 11017 Cap. 4,000 psi  
Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor WV Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
Mud Type Chemical Viscosity 51 Weight Pipe Length      -- ft. I.D.      -- in.  
Weight 9.2 Water Loss 8.8 cc. Drill Pipe Length 4,150 ft. I.D. 3 1/2 in.  
Chlorides 4,700 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - JF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 60 ft. Size 4 1/2 - FH in.  
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak blow. Dead in 8 mins. No blow back during shut-in.  
2nd Open: No blow. No blow back during shut-in.

Recovered 20 ft. of drilling mud = .098400 bbls.

Recovered      ft. of     

Recovered      ft. of     

Recovered      ft. of     

Recovered      ft. of     

Remarks     

Time Set Packer(s) 3:50 ~~AM~~ P.M. Time Started Off Bottom 6:00 ~~AM~~ P.M. Maximum Temperature 114°  
Initial Hydrostatic Pressure 2109 P.S.I. (A)  
Initial Flow Period 10 Minutes (B) 30 P.S.I. to (C) 33 P.S.I.  
Initial Closed In Period 30 Minutes (D) 83 P.S.I.  
Final Flow Period 30 Minutes (E) 34 P.S.I. to (F) 37 P.S.I.  
Final Closed In Period 60 Minutes (G) 72 P.S.I.  
Final Hydrostatic Pressure 2087 P.S.I. (H)

## GENERAL INFORMATION

### Client Information:

Company: MULL DRILLING CO INC

Contact: ERNIE MORRISON

Phone: Fax: e-mail:

### Site Information:

Contact: PHIL ASKEY

Phone: Fax: e-mail:

### Well Information:

Name: SQUIER 1-18

Operator: MULL DRILLING CO INC

Location-Downhole:

Location-Surface: S18/16S/22W NESS COUNTY

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: PHIL ASKEY

Test Type: CONVENTIONAL Job Number: D707

Test Unit:

Start Date: 2010/03/06 Start Time: 14:00:00

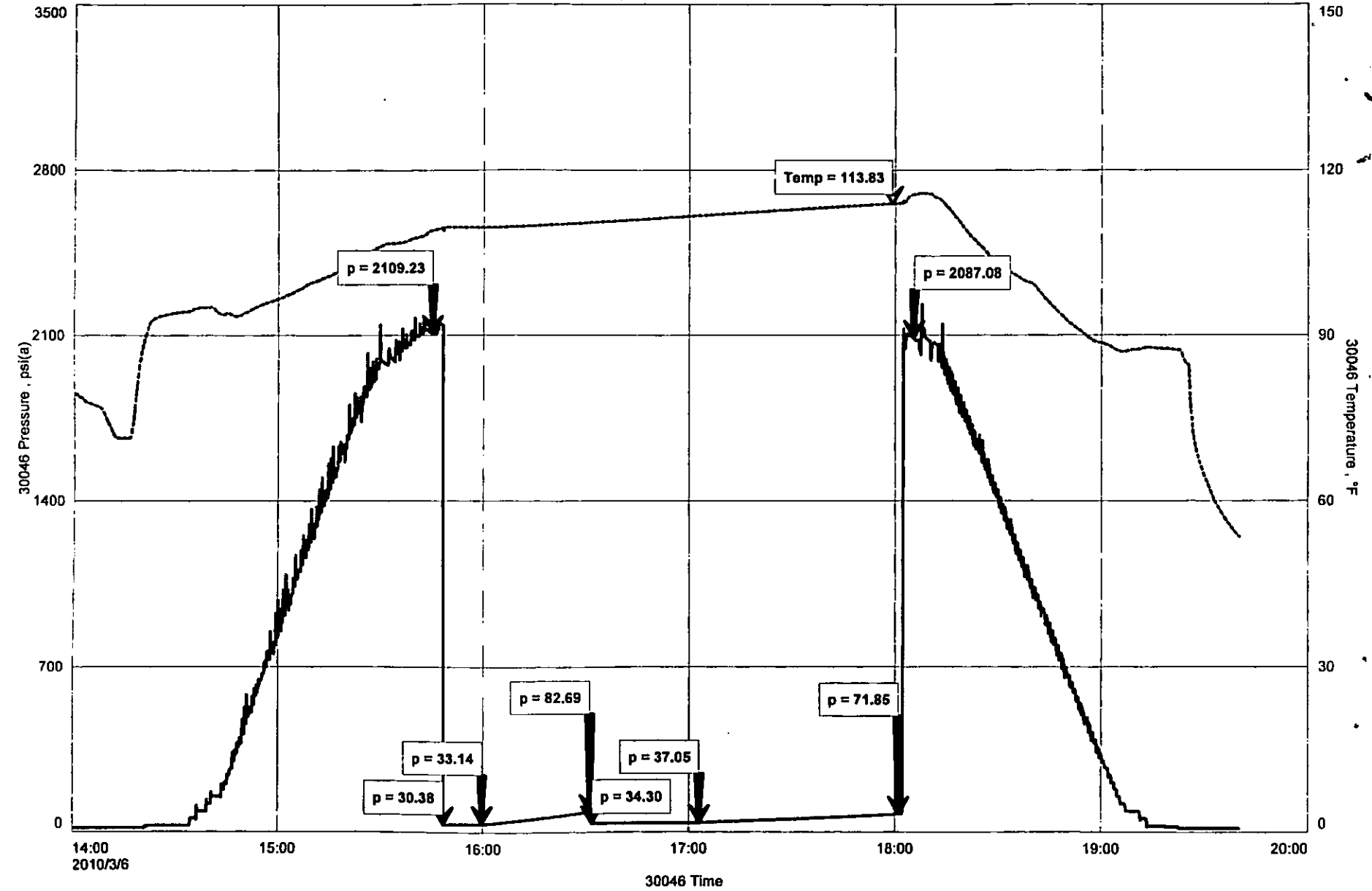
End Date: 2010/03/06 End Time: 19:40:00

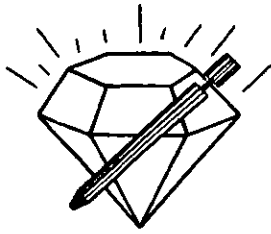
Report Date: 2010/03/06 Prepared By: JOHN RIEDL

Remarks: Qualified By: PHIL ASKEY

RECOVERY: 20' DRILLING MUD

# SQUIER 1-18





# DIAMOND TESTING

P.O. Box 157  
HOISINGTON, KANSAS 67544  
(620) 653-7550 • (800) 542-7313  
STC 30046.D708

Company Mull Drilling Company, Inc. Lease & Well No. Squier No. 1-18  
Elevation 2446 KB Formation Cherokee Sand Effective Pay      -- Ft. Ticket No. J2504  
Date 3-7-10 Sec. 18 Twp. 16S Range 22W County Ness State Kansas  
Test Approved By Phil Askey Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 4,333 ft. to 4,405 ft. Total Depth 4,405 ft.  
Packer Depth 4,328 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.  
Packer Depth 4,333 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.  
Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 4,336 ft. Recorder Number 30046 Cap. 6,000 psi  
Bottom Recorder Depth (Outside) 4,402 ft. Recorder Number 11017 Cap. 4,000 psi  
Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor WW Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
Mud Type Chemical Viscosity 54 Weight Pipe Length      -- ft. I.D.      -- in.  
Weight 9.1 Water Loss 9.0 cc. Drill Pipe Length 4,191 ft. I.D. 3 1/2 in.  
Chlorides 5,000 P.P.M. Test Tool Length 22 ft. Tool Size 3 1/2 - IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 72 ft. Size 4 1/2 - FH in.  
Did Well Flow? No Reversed Out Yes Surface Choke Size 1 in. Bottom Choke Size 5/8 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 1 min. Weak blow back during shut-in.  
2nd Open: Strong blow. Off bottom of bucket in 1 min. Weak blow back during shut-in.

Recovered 300 ft. of gas in pipe  
Recovered 3,700 ft. of gas cut oil = 51.452800 bbls. (Grind out: 10%-gas; 90%-oil) Gravity: 37 @ 60°  
Recovered 3,700 ft. of TOTAL FLUID = 51.452800 bbls.  
Recovered      ft. of       
Recovered      ft. of       
Remarks Tool Sample Grind Out: 3%-gas; 97%-oil

Time Set Packer(s) 7:20 ~~P.M.~~ A.M. Time Started Off Bottom 11:00 ~~P.M.~~ A.M. Maximum Temperature 131°  
Initial Hydrostatic Pressure ..... (A) 2125 P.S.I.  
Initial Flow Period ..... Minutes 10 (B) 876 P.S.I. to (C) 1059 P.S.I.  
Initial Closed In Period ..... Minutes 30 (D) 1296 P.S.I.  
Final Flow Period ..... Minutes 60 (E) 1100 P.S.I. to (F) 1295 P.S.I.  
Final Closed In Period ..... Minutes 120 (G) 1303 P.S.I.  
Final Hydrostatic Pressure ..... (H) 2083 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: MULL DRILLING CO INC

Contact: ERNIE MORRISON

Phone: Fax: e-mail:

### Site Information:

Contact: PHIL ASKEY

Phone: Fax: e-mail:

### Well Information:

Name: SQUIER 1-18

Operator: MULL DRILLING CO INC

Location-Downhole:

Location-Surface: S18/16S/22W

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: PHIL ASKEY

Test Type: CONVENTIONAL Job Number: D708

Test Unit:

Start Date: 2010/03/07 Start Time: 05:10:00

End Date: 2010/03/07 End Time: 15:15:00

Report Date: 2010/03/07 Prepared By: JOHN RIEDL

Qualified By: PHIL ASKEY

### Remarks:

RECOVERY: 300' GAS IN PIPE  
3700' GAS CUT OIL

# SQUIER 1-18

