

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

5/20/12

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.: _____

<u>2/1/10</u>	<u>2/8/10</u>	<u>3/16/10</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

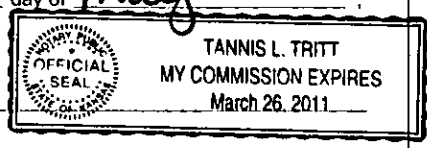
API No. 15 - 135-25025-00-00
 Spot Description: _____
NW NE SE SE Sec. 19 Twp. 16 S. R. 22 East West
1266 Feet from North / South Line of Section
410 Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Ness
 Lease Name: Wierman Well #: 1-19
 Field Name: Battmen
 Producing Formation: Cherokee "A" Sand
 Elevation: Ground: 2424' Kelly Bushing: 2429'
 Total Depth: 4550' Plug Back Total Depth: 4499'
 Amount of Surface Pipe Set and Cemented at: 220 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set: 1770' Feet
 If Alternate II completion, cement circulated from: 1770'
 feet depth to: surface w/ 140 sx cmt.

Drilling Fluid Management Plan ATTN: 5-2510
 (Data must be collected from the Reserve Pit)
 Chloride content: 12,900 ppm Fluid volume: 850 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: 5/20/2010
 Subscribed and sworn to before me this 20th day of May
 20 10
 Notary Public: Tannis L. Tritt
 Date Commission Expires: 3-26-11



KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Operator Name: Mull Drilling Company, Inc. Lease Name: Wierman Well #: 1-19
 Sec. 19 Twp. 16 S. R. 22 East West County: Ness

MAY 20 2010

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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	1796	+ 666
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3825	- 1396
List All E. Logs Run:		B/KC	4138	- 1709
Superior: CDL/CNL/PE; DIL; Sonic & Micro		Ft. Scott	4335	- 1906
		Cherokee Sand A	4353	- 1924
		Cherokee Congl	4428	- 1999
		Mississippi	4437	- 2008

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"	23#	220'	Common	150	3% cc, 2% gel
Production	7 7/8"	5 1/2"	14#	4542'	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-1770'	SMD	140	Flocele

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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	4438'-4454'	Squeezed w/40 sks cement	
4	4424'-4426', 4430'-4434', 4438'-4454'	Squeezed w/15 sks cement	
4	4424'-4426', 4430'-4434', 4438'-4450'	(CIBP @ 4410') 550 gals 15% MCA	
4	4353' - 4357'		

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TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>4382'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>3/16/10</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. <u>45</u>	Gas Mcf <u>N/A</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio <u>N/A</u> Gravity <u>35.1</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 (Specify) _____	PRODUCTION INTERVAL: _____ _____
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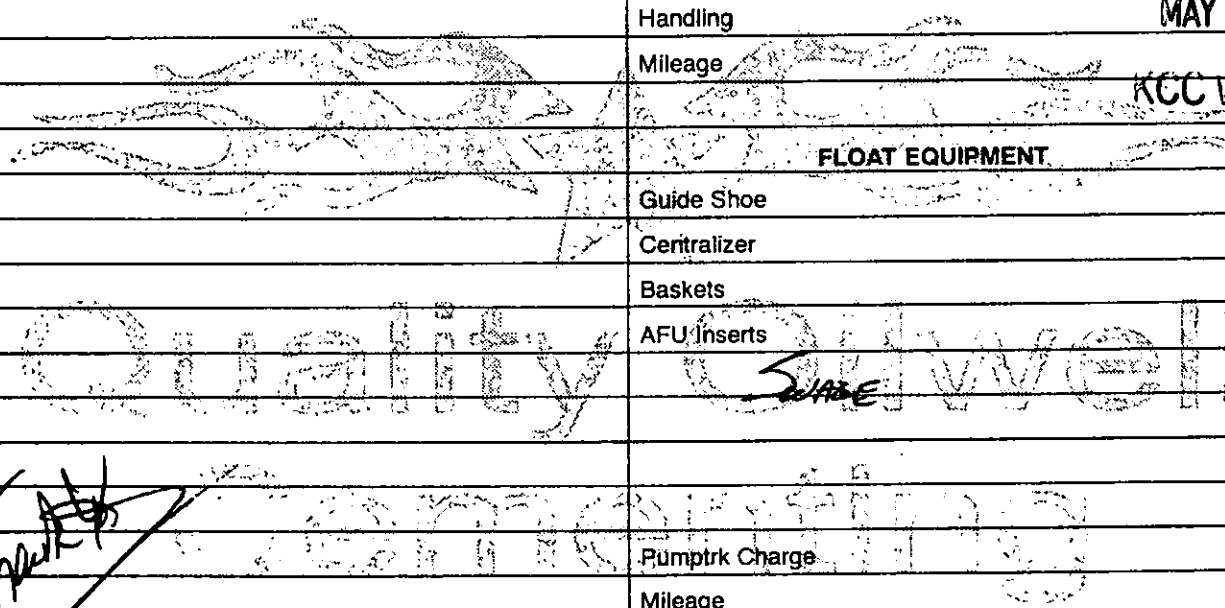
QUALITY OILWELL CEMENTING, INC.

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

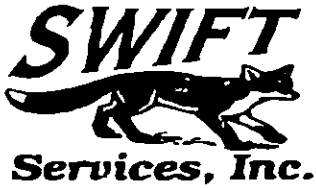
Home Office P.O. Box 32 Russell, KS 67665

No. 3723

Date	2-1-10	Sec.	Twp.	Range	County	State	On Location	Finish
Lease	Wierman	Well No.	1-12	Location	Brownell 3rd 3rd			11:00 PM
Contractor	W/W Drilling Rig 2	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Type Job	Surface	Charge To	Mull Drilling					
Hole Size	12 1/2	T.D.	221	Depth	220	Street		
Csg.	8 24lb	Depth		City		State		
Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.				
Tool		Depth		CEMENT				
Cement Left in Csg.	10-15	Shoe Joint		Amount Ordered	150 Can 3 3/4" 2 1/2" 1/2"			
Meas Line		Displace	13 Bbl	Common				
EQUIPMENT				Poz. Mix				
Pumptrk	No.	Cement Helper	Steve	Gel.	KCC			
Bulktrk	No.	Driver	Blandan	Calcium	MAY 20 2010			
Bulktrk	No.	Driver	Reckay	Hulls	CONFIDENTIAL			
JOB SERVICES & REMARKS				Salt				
Remarks:	Cement did Circulate			Flowseal				
				Handling	RECEIVED			
				Mileage	MAY 21 2010			
				KCC WICHITA				
				FLOAT EQUIPMENT				
				Guide Shoe				
				Centralizer				
				Baskets				
				AFU Inserts				
				Pumptrk Charge				
				Mileage				
				Tax				
				Discount				
				Total Charge				



[Handwritten Signature]
Signature



CHARGE TO: *Mull Drilg Co.*

ADDRESS

CITY, STATE, ZIP CODE

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TICKET
No. 16889

PAGE 1 OF 1

SERVICE LOCATIONS: 1. <i>Hays, Ks</i> 2. <i>Ness City, Ks</i>	WELL/PROJECT NO. <i># 1-19</i>	LEASE <i>Wierman</i>	COUNTY/PARISH <i>Ness</i>	STATE <i>Ks</i>	CITY	DATE <i>2-18-10</i>	OWNER <i>same</i>
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>WUWS</i>	RIG NAME/NO.	SHIPPED VIA <i>ET Location</i>	DELIVERED TO	ORDER NO.		
3.	WELL TYPE <i>oil</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>Port Collar</i>	WELL PERMIT NO.	WELL LOCATION		
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 #111	25	mi			5 ⁰⁰	125 ⁰⁰
576D		1			Pump Charge (Port Collar)	1	sq	1770		1100 ⁰⁰	1100 ⁰⁰
290		1			D-Air	2	gal			35 ⁰⁰	70 ⁰⁰
105		2			Port Collar Tool Rental w/man	1	sq			300 ⁰⁰	300 ⁰⁰
330		2			SMD Cement	155	shs			14 ⁰⁰	2170 ⁰⁰
276		2			Flocels	50	ea			1 ⁵⁰	75 ⁰⁰
581		2			Cement Service Charge	200	shs			1 ⁵⁰	300 ⁰⁰
582		2			Minimum Drayage	1	sq			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

X *[Signature]*

DATE SIGNED *2/18/10* TIME SIGNED *1130*

PRINT NAME
 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?					
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 checked="" type="checkbox"/> YES	<input type="checkbox"/> NO			
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	4528160

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

SWIFT OPERATOR *[Signature]* APPROVAL *[Signature]*

Thank You!

03/05/2010 11:16 FAX 7197678994 MDC-CHEV_WELLS.CO MDC-WICHITA 003/004

JOB LOG

SWIFT Services, Inc.

DATE 2-18-10 PAGE NO. 1

CUSTOMER Mull Drlg Co. WELL NO. #1-19 LEASE Wirman JOB TYPE Port-Cellar TICKET NO. 16889

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1010							on loc setup Trks
								2 3/8" x 5 1/2" P.C. 1220'
	1030					1000		Test Csg
	1035	3.5	4			150		Open P.C. Taking rate & check for blow
	1038	4.5	0			200		Start Cement
		}	70			300		Circ Cement / pipe weight
			75/0			300		End Cement / start Displacement
	1100		9.5			350		Cement Displaced
	1102					1000		Close P.C. Test Csg 1000 ^{psi}
	1107	3	0					ran 5jts reverse out
	1113		18					Hold Clean
								155 sks SMD Circ 155 sks top it

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Thank you
Nick, Josh F. + Lane



CHARGE TO: Mull Drilling Co.
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

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 NCC WICHITA

TICKET
17749

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>Ncss City Ks</u>	WELL/PROJECT NO. <u>1-19</u>	LEASE <u>Wremer</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>Ks</u>	CITY <u>Ness City</u>	DATE <u>2-22-10</u>	OWNER
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	CONTRACTOR <u>Wild West Well Service</u>	RIG NAME/NO. <u>2</u>	SHIPPED VIA	DELIVERED TO <u>Brownell</u>	ORDER NO.	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Squeeze Perfs</u>	WELL PERMIT NO.	WELL LOCATION <u>Brownell 2W, 4N Winto</u>		
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 Trk #114	20		mi		5.00	100.00
578		1			Pump Charge Deep Squeeze	1		pc		1400.00	1400.00
581		1			Service Charge Cement	75		sks		1.50	112.50
582		1			Minimum Drayage Charge	1		ea		250.00	250.00
325		1			Standard Cement	75		sks		11.00	825.00
286		1			Halad	30		lbs		6.00	180.00
290		1			D-Air	2		gal		35.00	70.00
300		1			Regular Acid	150	15	gal	y.	1.40	210.00
235		1			FNH-1	1/2		gal		35.00	17.50

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

[Signature]
 DATE SIGNED: 2-22-10 TIME SIGNED: 1200 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?				3165.00
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Ness TAX 5.3%
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				56.98
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL 3221.98

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR: Bret Corsair APPROVAL: _____
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 2-22-10 PAGE NO.

CUSTOMER Mull Arly. Co. WELL NO. 1-19 LEASE Wiseman JOB TYPE Squeeze Perfs TICKET NO. 17749

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							On Location 2 7/8 x 5 1/2 14# Perfs 4438-4454 PKR-4330
	1215	2		✓				Start Acid
		2	28	✓		800		Acid on Bottom Injection Rate
			33					Shut Down
	1245		23	✓		500		Pressure Annulus - Shut in
	1315	2		✓		-		Start Cement 75 sks @ 15.6 gpm
			16			-		Shut Down - Wash Pump Lines
	1330							Start Displacement
		2	11	✓		200		Cement going out
	1345		18			1500		Shut Down - Shut in
								Wash Truck
	1400					1500		Open up Stage
	1410					1500		Release - Held
	1415		30	✓				Reverse Clean
	1430					1000		Stage - Holding
	1445							Release Pull PFR
	1500							Job Complete Thank you Brett, Dave & Russ

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CHARGE TO: **Mull Drly. Co.**
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

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TICKET
17740

PAGE 1 OF 2

1. SERVICE LOCATIONS Ness City KS	WELL/PROJECT NO. 1-19	LEASE Wierman	COUNTY/PARISH Ness	STATE KS	CITY Ness City	DATE 2-8-10	OWNER
2.	TICKET TYPE SALES	CONTRACTOR W & W Drly. Inc.	RIG NAME/NO. 2	SHIPPED VIA	DELIVERED TO Brownell	ORDER NO.	
3.	WELL TYPE Oil	WELL CATEGORY Development	JOB PURPOSE Cement 5 1/2 Casing	WELL PERMIT NO.		WELL LOCATION Brownell 2 W, 1/4 N Wist	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE Trk # 114	20		mi		5.00	100.00	
578		1			Pump Charge Longstring	1		pc		1400.00	1400.00	
400		1			Guide Shoe	1		ea	5 1/2"	155.00	155.00	
402		1			Centralizer	7		ea	5 1/2"	55.00	385.00	
403		1			Cement Basket	1		ea	5 1/2"	180.00	180.00	
404		1			Part Collar	1		ea	5 1/2"	1900.00	1900.00	
410		1			Top Plug	1		ea	5 1/2"	100.00	100.00	
415		1			Insert Float Collar w/Fillup	1		ea	5 1/2"	330.00	330.00	
419		1			Rotating Head Rental	1		ea	5 1/2"	150.00	150.00	
221		1			Liquid KCL	2		gal		25.00	50.00	
280		1			Flocheck 21	1000		gal		2.50	2500.00	

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: **2-8-10** TIME SIGNED: **1730**

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 1	7250.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				Page #2	2785.00
WE UNDERSTOOD AND MET YOUR NEEDS?				Ness TAX 5.3%	10,035.00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					425.19
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	10,460.19
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES (The 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.)

SWIFT OPERATOR: **Brett Corseir** APPROVAL: _____

Thank You!

02/26/2010 11:05 FAX 7197678994
 MDC-CHEV_WELLS.CO
 MDC WICHITA
 001/003



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

TICKET CONTINUATION

TICKET No. 17740

CUSTOMER Mull Drlg. Co. WELL Wierman 1-19 DATE 2-9-10 PAGE 2 OF 2

LINE NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
327	50/50 Pozmix 2 1/2 Gal	175 sks		8.00	1400.00
276	Flocele	50 lbs		1.50	75.00
283	Salt	850 lbs		0.15	127.50
286	Haldd-1	100 lbs		6.00	600.00
290	D-Air	2 gal		35.00	70.00
581	SERVICE CHARGE				
582	TOTAL WEIGHT	175			262.50
	LOADED MILES	2.0			250.00
					2785.00

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JOB LOG

SWIFT Services, Inc.

DATE 2-8-10 PAGE NO. 1

CUSTOMER Mull Ndg. Co. WELL NO. LEASE JOB TYPE Cement 5 1/2 Casing TICKET NO. 17740

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1730							On Location 5 1/2" # Centi-1, 2, 3, 4, 5, 6, 6, 68 TD-4550' Basket-66 TP-4542' PC-#671770' PS-4542' Jtout 110, 111, 112, 113 SJ-42'
	1830							Start 5 1/2 Casing
	2100	-						Break Circulation water
	2215	6 3/4	34	✓		300		Start Flush 5661-24661 Flocheck-5661 Water
	2220	3	7	✓				Plug Rat Hole 30 sks
		3	5	✓				Plug Mouse Hole 20 sks
	2225	4		✓		300		Start Cement 125 sks @ 14.4 ppg
	2245		29					- Shut Down - Release Plug - Wash Pump Lines
		6 3/4		✓		200		Start Displacement
		6 3/4	85	✓		400		Lift Cement
						750		Max Lift
	2300		109.8			1500		Land Plug - Release - Hold
								Wash Truck
	2330							Job Complete
								Thank you Brett, Dave & Blaine

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CHARGE TO: **MULL DRUG**

ADDRESS:

CITY, STATE, ZIP CODE:

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 MAY 20 2010
 KOC WICHITA

TICKET
17527

PAGE 1 OF 1

1. SERVICE LOCATIONS HAYS	WELL PROJECT NO. 1-19	LEASE WIERMAN	COUNTY/PARISH NESS	STATE KS	CITY	DATE 03-01-10	OWNER
2. NESS	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. WILKINSON Well	SHIPPED VIA ST	DELIVERED TO 3rd 1/2 Brownell	ORDER NO.	
3.	WELL TYPE OIL	WELL CATEGORY Develop	JOB PURPOSE SO PERS	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			U/M			
575		1			MILEAGE #112	20	mi	5.00		100.00
578		1			Pump SERVICE	1	CA	1400.00		1400.00
290		1			DAIR	1	GALE	35.00		35.00
325		2			STDCMT	50	SH	11.00		550.00
286		2			HRAO	18	LB	6.00		108.00
581		2			SERVICE CHG CMT	75	SH	1.50		112.50
582		2			DRAINAGE	MIN	TC	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

[Signature]

DATE SIGNED: **03-01-10** TIME SIGNED: **0900**

A.M.
 P.M.

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

SURVEY	AGREE	UN-DECEDED	DIS-AGREE	PAGE TOTAL	2555.50
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 WASH TO RESPOND				TOTAL	2592.23

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the work and materials and hereby certifies that the work is satisfactory.

SWIFT OPERATOR: **DAVE BISH**

APPROVAL:

Thank You!

03/09/2010 08:11 FAX 7197678994 MDC-CHEV_WELLS.CO * MDC WICHITA 001/002

JOB LOG

SWIFT Services, Inc.

DATE 03-01-10 PAGE NO. 1

CUSTOMER MULL JRLG WELL NO. 1-19 LEASE WIERMAN JOB TYPE SD PERES TICKET NO. 17517

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							ON LOCATION
								CMT: 755KLS STD 1/2" HALO INSIDE
								2 7/8 x 5 1/2 14" PER 4330
								PERES 4438-54, 4430-34, 4424-26
	0910		21.5		✓		500	PSI, ANNS
	0930	1.0	8.0	✓		1500		INT RATE, LOADED
		1.0	14.0	✓		1800		
	0940	1.0	0	✓		1800		START MIX CMT 255KLS 1/2" HALO
		1.2	5.2	✓		1600		255KLS MEAT
		1.2	10.5	✓		1400		TOTAL 505KLS, TOTAL 600#
								WASHOUT P.L.
	1000	1.2	0	✓		0		START DISP
		2.0	.5	✓		1300		CMT CMT
		2.0	10.0	✓		1600		
		1.5	17.5	✓		1600		CMT ON PERES
		.5	18.0	✓		1800		
		.5	18.5	✓		2000		
		.2	19.0	✓		2100		
		.2	19.5	✓		2100		
	1030	.1	20.0	✓		2100		STAGE ON CMT 1800 PSI TO 2100 PSI
			20.5	✓		2100		STAGE
	1045		20.5	✓		1800		HOLD 1800 PSI 155KLS PERES
	1055			✓				RELEASE - DRY
	1100	2.0	0	✓		400		REV OUT T.O.C. 4330
			20.5	✓		300		CUTOUT CMT
			25.0	✓		200		CLEAN
	1115		30.0	✓		200		END
	1118			✓		1800		SETBACK PSI UP SD, HOLDING

MAY 20 2010
CONFIDENTIAL

RECEIVED

WASAPTRUCK

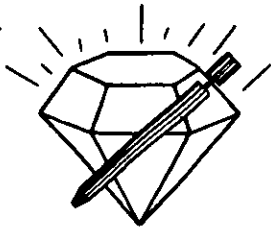
MAY 21 2010

KCC WICHITA

JOB COMPLETE

THANK YOU!

DAVE JOSH & JASON E.



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D690

Company Mull Drilling Company, Inc. Lease & Well No. Wierman No. 1-19
Elevation 2413 EGL Formation Fort Scott/Cherokee "A" Effective Pay -- Ft. Ticket No. J2486
Date 2-6-10 Sec. 19 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 4,300 ft. to 4,375 ft. Total Depth 4,375 ft.
Packer Depth 4,295 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,300 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,303 ft. Recorder Number 30046 Cap. 6,000 psi
Bottom Recorder Depth (Outside) 4,372 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 52 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.3 Water Loss 9.6 cc. Drill Pipe Length 4,154 ft. I.D. 3 1/2 in.
Chlorides 7,300 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number 2 Anchor Length 75 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 2 mins. Strong blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket in 2 mins. Gas to surface during final shut-in. Gas burned. Strong blow back during shut-in.

Recovered 2,200 ft. of gassy oil = 30.188800 bbls. (Gravity: 35 @ 60°)
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks Tool Sample Grind Out: 5%-mud; 10%-gas; 85%-oil

Time Set Packer(s) 7:12 ^{A.M.}/_{P.M.} Time Started Off Bottom 10:52 ^{A.M.}/_{P.M.} Maximum Temperature 127°
Initial Hydrostatic Pressure (A) 2099 P.S.I.
Initial Flow Period Minutes 10 (B) 153 P.S.I. to (C) 308 P.S.I.
Initial Closed In Period Minutes 30 (D) 1688 P.S.I.
Final Flow Period Minutes 60 (E) 336 P.S.I. to (F) 830 P.S.I.
Final Closed In Period Minutes 120 (G) 1676 P.S.I.
Final Hydrostatic Pressure (H) 2077 P.S.I.

GENERAL INFORMATION

Client Information:

Company: MULL DRILING CO INC

Contact: ERNIE MORRISON

Phone: Fax: e-mail:

Site Information:

Contact: PHIL ASKEY

Phone: Fax: e-mail:

Well Information:

Name: WIERMAN 1-19

Operator: MULL DRILLING CO INC

Location-Downhole:

Location-Surface: S19/16S/22W NESS COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: PHIL ASKEY

Test Type: CONVENTIONAL Job Number: D690

Test Unit:

Start Date: 2010/02/06 Start Time: 05:00:00

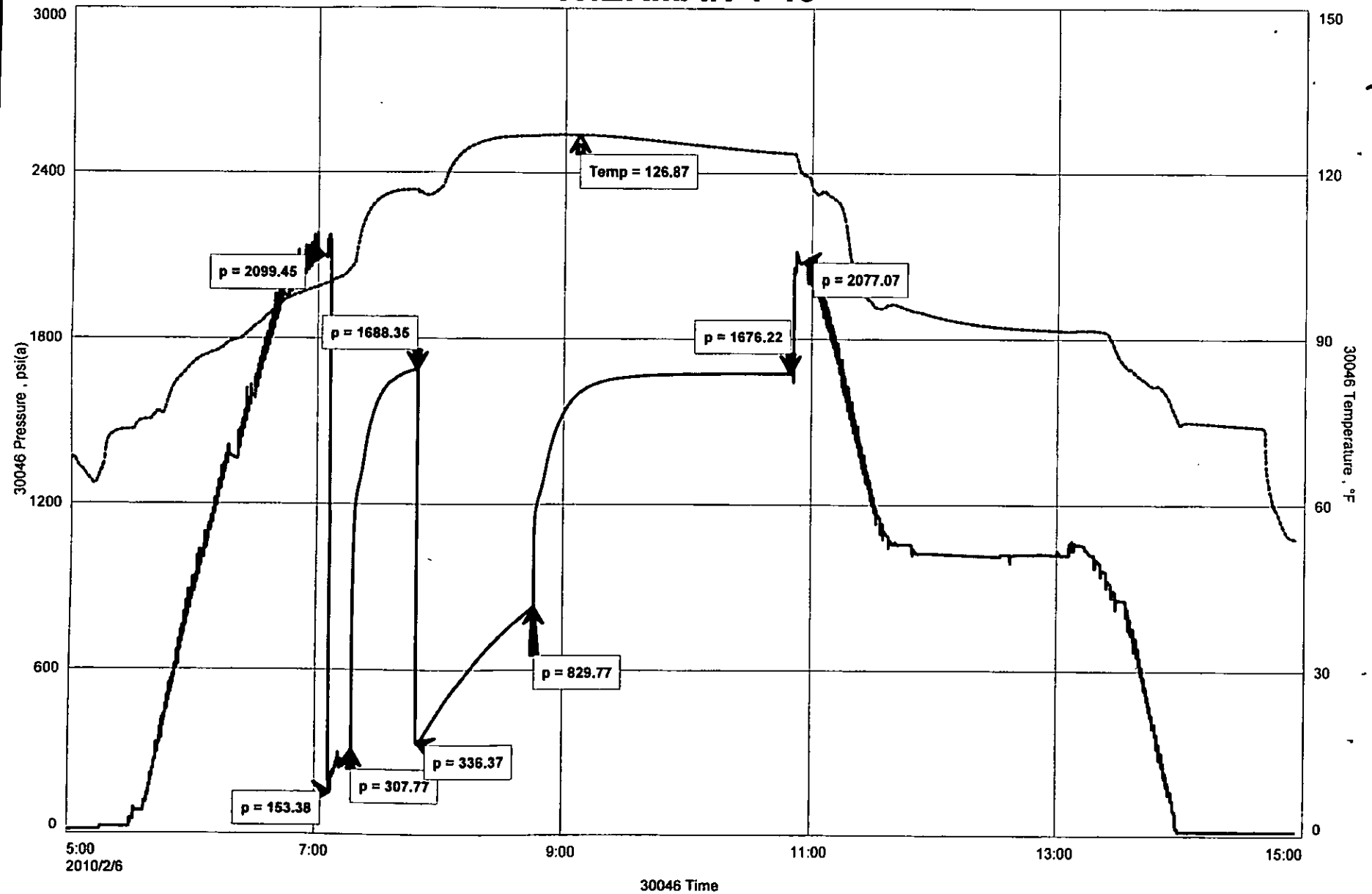
End Date: 2010/02/06 End Time: 15:00:00

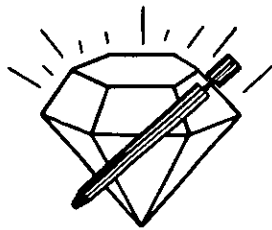
Report Date: 2010/02/06 Prepared By: JOHN RIEDL

Remarks: Qualified By: PHIL ASKEY

RECOVERY: GAS TO SURFACE
2200' GASSY OIL

WIERMAN 1-19





DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D691

Company Mull Drilling Company, Inc. Lease & Well No. Wierman No. 1-19
Elevation 2413 EGL Formation Cherokee Conglomerate Effective Pay -- Ft. Ticket No. J2487
Date 2-7-10 Sec. 19 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 4,413 ft. to 4,444 ft. Total Depth 4,444 ft.

Packer Depth 4,408 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,413 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,416 ft. Recorder Number 30046 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 4,441 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number psi

Drilling Contractor WV Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 48 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 8.0 cc. Drill Pipe Length 4,267 ft. I.D. 3 1/2 in.

Chlorides 5,700 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 2 Anchor Length 31 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, 1/2 in., blow throughout. No blow back during shut-in.

2nd Open: Weak, 1/2 in., blow. Dead in 20 mins. No blow back during shut-in.

Recovered 30 ft. of slightly oil cut mud = .147600 bbls. (Grind out: 5%-oil; 95%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 8%-oil; 92%-mud

Time Set Packer(s) 3:00 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 5:10 ~~P.M.~~ ^{A.M.} Maximum Temperature 114°

Initial Hydrostatic Pressure (A) 2163 P.S.I.

Initial Flow Period Minutes 10 (B) 31 P.S.I. to (C) 39 P.S.I.

Initial Closed In Period Minutes 30 (D) 1214 P.S.I.

Final Flow Period Minutes 30 (E) 37 P.S.I. to (F) 48 P.S.I.

Final Closed In Period Minutes 60 (G) 1186 P.S.I.

Final Hydrostatic Pressure (H) 2138 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: WIERMAN 1-19

Operator: MULL DRILLING CO INC

Location-Downhole:

Location-Surface: S19/16D/22W NESS COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: PHIL ASKEY

Test Type: CONVENTIONAL Job Number: D691

Test Unit:

Start Date: 2010/02/07 Start Time: 01:00:00

End Date: 2010/02/07 End Time: 07:15:00

Report Date: 2010/02/07 Prepared By: JOHN RIEDL

Qualified By: PHIL ASKEY

RECOVERY: 30' SLIGHTLY OIL CUT MUD

MULL
ELEXMANI-68

DIST #2
2/2/00

ROC 15007
OUTSIDE



WIERMAN 1-19

