



KANSAS CORPORATION COMMISSION 1046135
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5144
Name: Mull Drilling Company, Inc.
Address 1: 1700 N WATERFRONT PKWY
Address 2: BLDG 1200
City: WICHITA State: KS Zip: 67206 +
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 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 #: _____

<u>08/19/2010</u>	<u>08/27/2010</u>	<u>10/01/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-135-25127-00-00

Spot Description: NWNESWSW

NW_NE_SW_SW Sec. 4 Twp. 17 S. R. 23 East West

1,169 Feet from North / South Line of Section

776 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Ness

Lease Name: Klitzke 'B' Well #: 2-4

Field Name: Harkness

Producing Formation: Mississippi

Elevation: Ground: 2423 Kelly Bushing: 2428

Total Depth: 4535 Plug Back Total Depth: 4430

Amount of Surface Pipe Set and Cemented at: 217 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 1771 Feet

If Alternate II completion, cement circulated from: 1771

feet depth to: 0 w/ 110 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 12100 ppm Fluid volume: 900 bbls

Dewatering method used: Evaporated

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: Deanna Garrison Date: 11/15/2010



1046135

Operator Name: Mull Drilling Company, Inc. Lease Name: Klitzke 'B' Well #: 2-4
 Sec. 4 Twp. 17 S. R. 23 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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: CDI/CNL/PE; DIL; Micro & Sonic	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached
--	--

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	12.250	8.6250	20	217	Common	150	3% gel, 2% cc
Production	7.8750	5.5000	15.5	4523	50/50 Poz	145	

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	0-1771	SMD	110	
	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4412' - 4416'	150 gal 15% ReNab acid, 200 gal	
		15% MCA, 500 gal 15% NEFE.	
4	4416' - 4420'	300 gal 15% ReNab acid, 1000 gal	
		15% NEFE, 1500 gal 20% HCl	

TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>4423'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
-----------------------	---------------------	----------------------	------------	--

Date of First, Resumed Production, SWD or ENHR. <u>10/01/2010</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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	18	0	8		41		

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 <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Mull Drilling Company, Inc.
Well Name	Klitzke 'B' 2-4
Doc ID	1046135

Tops

Name	Top	Datum
Anhydrite	1741	+ 687
B/Anhydrite	1774	+ 654
Heebner Shale	3804	- 1378
Lansing	3839	- 1411
Marmaton	4177	- 1749
Ft. Scott	4310	- 1882
Cherokee Shale	4332	- 1904
Mississippi	4411	- 1983



CHARGE TO: *Mull Dr/g Co*
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
18218

PAGE 1 OF 1

SERVICE LOCATIONS
 1. *Hays, Ks*
 2. *Ness City, Ks*
 3.
 4.

WELL/PROJECT NO. *#2-4* LEASE *Klitake "B"* COUNTY/PARISH *Ness* STATE *Ks* CITY _____ DATE *9-1-10* OWNER *same*

TICKET TYPE SERVICE SALES CONTRACTOR *Fritakers Well Service* RIG NAME/NO. _____ SHIPPED VIA *211* DELIVERED TO *Location* ORDER NO. _____

WELL TYPE *oil* WELL CATEGORY *Development* JOB PURPOSE *Part Collar* WELL PERMIT NO. _____ WELL LOCATION _____

REFERRAL LOCATION _____ INVOICE INSTRUCTIONS _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			U/M			
<i>575</i>		<i>1</i>			<i>MILEAGE #111</i>	<i>10</i>	<i>mi</i>		<i>5.00</i>	<i>50.00</i>
<i>576D</i>		<i>1</i>			<i>Pump Charge (Part Collar)</i>	<i>1</i>	<i>ea</i>	<i>1771'</i>	<i>1100.00</i>	<i>1100.00</i>
<i>290</i>		<i>1</i>			<i>D-Air</i>	<i>1</i>	<i>gal</i>		<i>35.00</i>	<i>35.00</i>
<i>105</i>		<i>1</i>			<i>Part Collar Tool Rental w/man</i>	<i>1</i>	<i>ea</i>		<i>300.00</i>	<i>300.00</i>
<i>330</i>		<i>2</i>			<i>SMD Cement</i>	<i>125</i>	<i>cks</i>		<i>15.00</i>	<i>1875.00</i>
<i>276</i>		<i>2</i>			<i>Flocele</i>	<i>25</i>	<i>lb</i>		<i>1.50</i>	<i>37.50</i>
<i>581</i>		<i>2</i>			<i>Cement Service Charge</i>	<i>200</i>	<i>chs</i>		<i>1.50</i>	<i>300.00</i>
<i>582</i>		<i>2</i>			<i>Minimum Drayage</i>	<i>1</i>	<i>ea</i>		<i>250.00</i>	<i>250.00</i>

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

SIGNED: *Abby Duke MDC* DATE SIGNED: *9-1-10* TIME SIGNED: *1050* 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	<i>47.50</i>
TAX @ <i>0.3%</i>	<i>141.59</i>
TOTAL	<i>4089.09</i>

SWIFT OPERATOR: *Mike Koche* APPROVAL: _____

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

Thank You!

09/14/2010 10:03 PM 1101010334

JOB LOG

SWIFT Services, Inc.

DATE 8-1-10 PAGE NO. 1
TICKET NO. 18218

CUSTOMER Mull Drilling Co WELL NO. 2-4 LEASE Klitake "B" JOB TYPE Port Collar

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0940							as loc set up trucks
								2 7/8" x 5 1/2" P.C. 1771'
	0950						1000	Test Tools
								Open P.C.
	0955	3					100	Take injection rate
	1000	4	0				250	start Cement
		4	65				250	Circ Cement/Raise weight
		4	68/0				250	End Cement/Start Displacement
	1020		9.5					Cement Displaced
								Close P.C.
							1000	Test Csg.
								run 4 1/2'
	1030	3	0				150	reverse out
	1035		15					hole clean
								125 sks cement
								circ 15 sks to pit
								Thank you
								Nick, Josh F. & Lane



CHARGE TO: MILL DRILLING

ADDRESS

CITY, STATE, ZIP CODE

TICKET
18860

PAGE 1 OF 2

SERVICE LOCATIONS

1. Ness City KS WELL/PROJECT NO. 2-4 LEASE KITZHE B COUNTY/PARISH NESS STATE KS CITY Ransom DATE 27 AUG 10 OWNER

2. TICKET TYPE SERVICE SALES CONTRACTOR WWR RIG NAME/NO. SHIPPED VIA CT DELIVERED TO Location ORDER NO.

3. WELL TYPE Oil WELL CATEGORY Development JOB PURPOSE cement lining string WELL PERMIT NO. WELL LOCATION NS 4-17-23

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	1		ea		1400.00	1400.00
409		1			Centralizers - Fluid Masters 5 1/2	8		ea		65.00	520.00
202		1			Centralizers 5 1/2	1		ea		55.00	55.00
410		1			Wiper Plug - 5 1/2	1		ea		100.00	100.00
415		1			Float Collar 5 1/2	1		ea		330.00	330.00
400		1			Grade Shoe 5 1/2	1		ea		155.00	155.00
413		1			Rota well scratchers	50		ft	11 ea	40.00	400.00
403		1			Cement Basket	1		ea		200.00	200.00
404		1			Port Collar	1		ea		1400.00	1400.00
419		1			Rotating head rental	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

X DATE SIGNED _____ TIME SIGNED _____ 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	5310	00
2	5466	25
Subtotal	10776	25
Tax 0.3%	552	12
TOTAL	11,328	37

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

SWIFT OPERATOR AB Campbell

APPROVAL Phyllis Dunder MDC

Thank You!



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

TICKET CONTINUATION

TICKET No. 18860

CUSTOMER MUHL WELL RITZ B DATE 27 AUG 10 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		SUM		UNIT PRICE	AMOUNT	
		LOC	ACCT	EDT			QTY	UM	QTY	UM		PRICE	AMOUNT
327		1				Cement 50/50 POZ	175	SKS			8.75	1531	25
283		1				Salt			850	LB	0.15	127	50
286		1				Halad			100	LB	6.00	600	00
276		1				flocule			50	LB	1.50	75	00
—		1				Bentonite Gel (2#)			300	LB	N/C	N/C	
290		1				D AIR	2	gal			35.00	70	00
280						Floccheck 21			1000	gal	2.50	2500	00
221						KC liquid			2	gal	25.00	50	00
582		1				min charge			1	CU		250	00
581		1				SERVICE CHARGE			175	CU	1.50	262	50
						MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES				

CONTINUATION TOTAL 5466.25

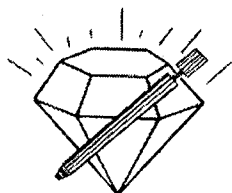
JOB LOG

SWIFT Services, Inc.

DATE 27 AUG 10 PAGE NO.

CUSTOMER Muhl WELL NO. 2-4 LEASE Klitzke B JOB TYPE Cement long string TICKET NO. 18860

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1440							on location
								Cont 1 2 3 4 5 6 7 8 65
								Basket 65
								Port collar 66 (1771')
								TD 4537 Total Pipe 4533 (106 joints)
								float collar (448)
	1545							start casing 5 1/2" 15.5#
	1745							Drop Ball - circulate - rotating
	1915							Pump 5 bbl H ₂ O
								Pump 1000 gal flocculant
								Pump 5 bbl H ₂ O
	1930							Plug Bot hole 30 sks
	1935	4 1/2	33				400	Mix cement 145 sks 50/50 POZ
								WASH OUT PUMP & LINES
	1945							Release TOP PLUG
	1945							Start Displacement ROTATING
		6 3/4					300	Re-circulation at 63 bbl no circulation 63-83 bbl H ₂ O
		6 3/4	104				800 800	
	1957						1600 1600	Plug Down
	2000							Release pressure - Held
								Wash truck
	2030							JOB COMPLETE
								Thanks come back soon 1/2 John



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: KLTZB2-4DST1

TIME ON: 17:10 (08-23)

TIME OFF: 00:40 (08-24)

Company MULL DRLG Lease & Well No. KLITZKE "B" #2-4
Contractor W.W. RIG #6 Charge to MULL DRLG
Elevation 2428 KB Formation LANSING Effective Pay _____ Ft. Ticket No. M019
Date 08-23-2010 Sec. 4 Twp. 17 S Range 23 W County NESS State KANSAS
Test Approved By PHIL ASKEY Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 4035 ft. to 4060 ft. Total Depth 4060 ft.
Packer Depth 4030 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4035 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4024 ft. Recorder Number 30037 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4057 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth NA ft. Recorder Number NA Cap. NA P.S.I.
Mud Type CHEMICAL Viscosity 52 Drill Collar Length 124 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5,900 P.P.M. Drill Pipe Length 3886 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number - Test Tool Length 25 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: NO BLOW (NO BB)
2nd Open: NO BLOW, FLUSH TOOL- NO HELP (NO BB)

Recovered 3 ft. of MUD. 100% MUD
Recovered 3 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
<u>TOOL SAMPLE: 100% MUD, VERY FEW OIL SPECKS</u>	Total

Time Set Packer(s) 7:45 P.M. A.M. P.M. Time Started Off Bottom 9:50 P.M. A.M. P.M. Maximum Temperature 114
Initial Hydrostatic Pressure..... (A) 1936 P.S.I.
Initial Flow Period..... Minutes 5 (B) 4 P.S.I. to (C) 7 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 155 P.S.I.
Final Flow Period..... Minutes 30 (E) 10 P.S.I. to (F) 15 P.S.I.
Final Closed In Period..... Minutes 60 (G) 448 P.S.I.
Final Hydrostatic Pressure..... (H) 1934 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.

DIAMOND TESTING

Drill Test Report

General Information

Company Name MULL DRLG

Contact MARK SHREVE
Well Name KLITZKE "B" #2-4
Unique Well ID DST#1 LANSING 4035-4060
Surface Location SEC 4-17s-23w NESS Co. Ks.
Field WILDCAT
Well Type Vertical

Job Number M019
Representative MIKE COCHRAN
Well Operator MULL DRLG
Report Date
Prepared By MIKE COCHRAN

Test Information

Test Type CONVENTIONAL
Formation DST#1 LANSING 4035-4060
Well Fluid Type 01 Oil
Test Purpose (AEUB) Initial Test

Start Test Time 17:10:00
Final Test Time 00:40:00

Start Test Date 2010/08/23
Final Test Date 2010/08/24

Gauge Name 30037
Test Type Name

Test Results

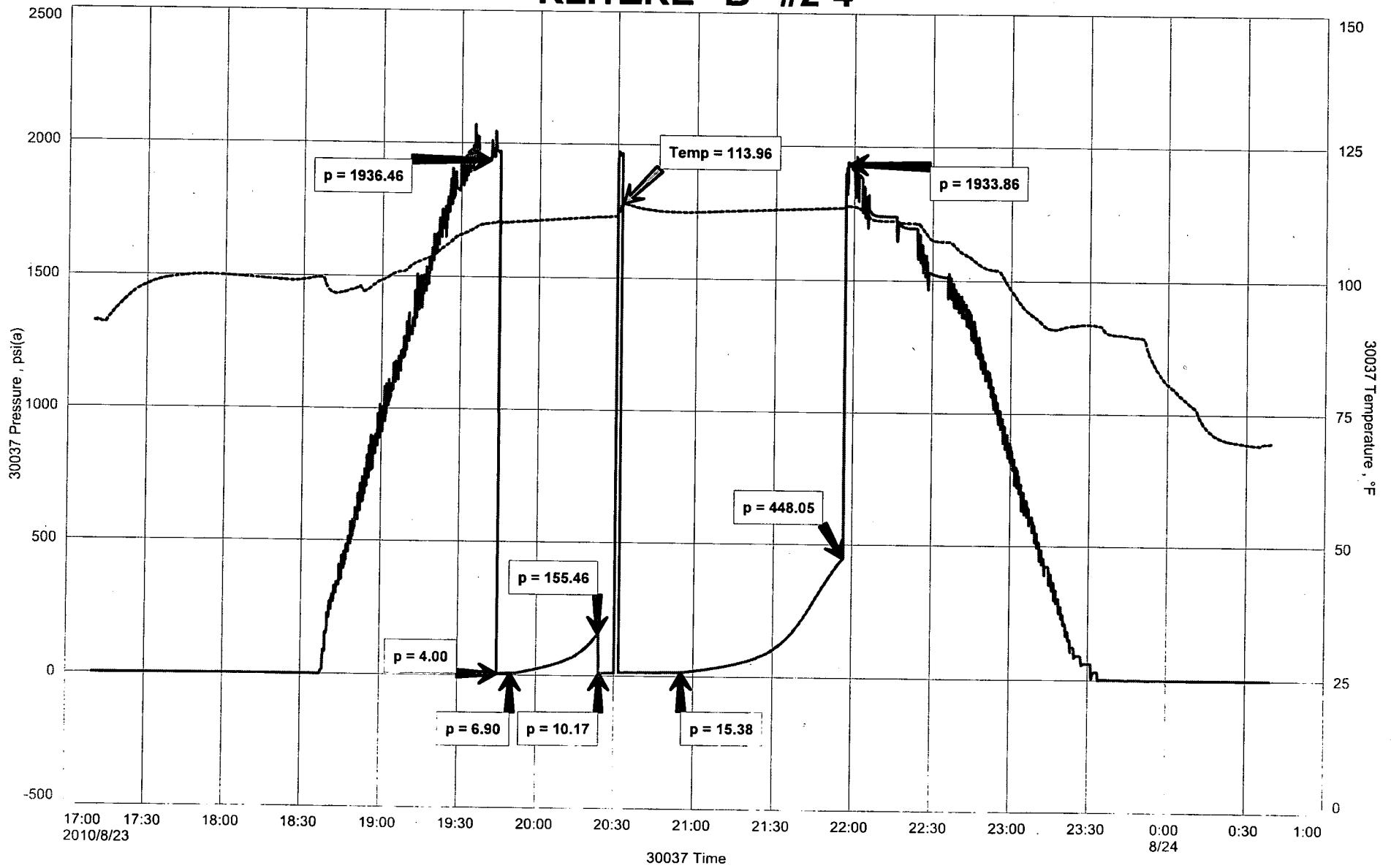
RECOVERED: 3' MUD. 100% MUD
3' TOTAL FLUID

TOOL SAMPLE: 100% MUD. VERY FEW OIL SPOTS

MULL DRLG
DST#1 LANSING 4035-4060
Start Test Date: 2010/08/23
Final Test Date: 2010/08/24

KLITZKE "B" #2-4
Formation: DST#1 LANSING 4035-4060
Pool: WILDCAT
Job Number: M019

KLITZKE "B" #2-4



DIAMOND TESTING

Drill Test Report

General Information

Company Name MULL DRLG

Contact MARK SHREVE
Well Name KLITZKE "B" #2-4
Unique Well ID DST#2 MISS. 4327-4418
Surface Location SEC 4-17s-23w NESS Co. Ks.
Field WILDCAT
Well Type Vertical

Job Number M020
Representative MIKE COCHRAN
Well Operator MULL DRLG
Report Date 2010/08/25
Prepared By MIKE COCHRAN

Test Information

Test Type CONVENTIONAL
Formation DST#2 MISS. 4327-4418
Well Fluid Type 01 Oil
Test Purpose (AEUB) Initial Test

Start Test Time 08:45:00
Final Test Time 17:00:00

Start Test Date 2010/08/25
Final Test Date 2010/08/25

Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 81' G.I.P.
62' OIL. 12% GAS, 88% OIL
40' WG HOCM. 7% GAS, 40% OIL, 6% WTR, 47% MUD
124' GE HOCM. 7% GAS, 27% OIL, 15% WTR, 51% MUD
226' TOTAL FLUID

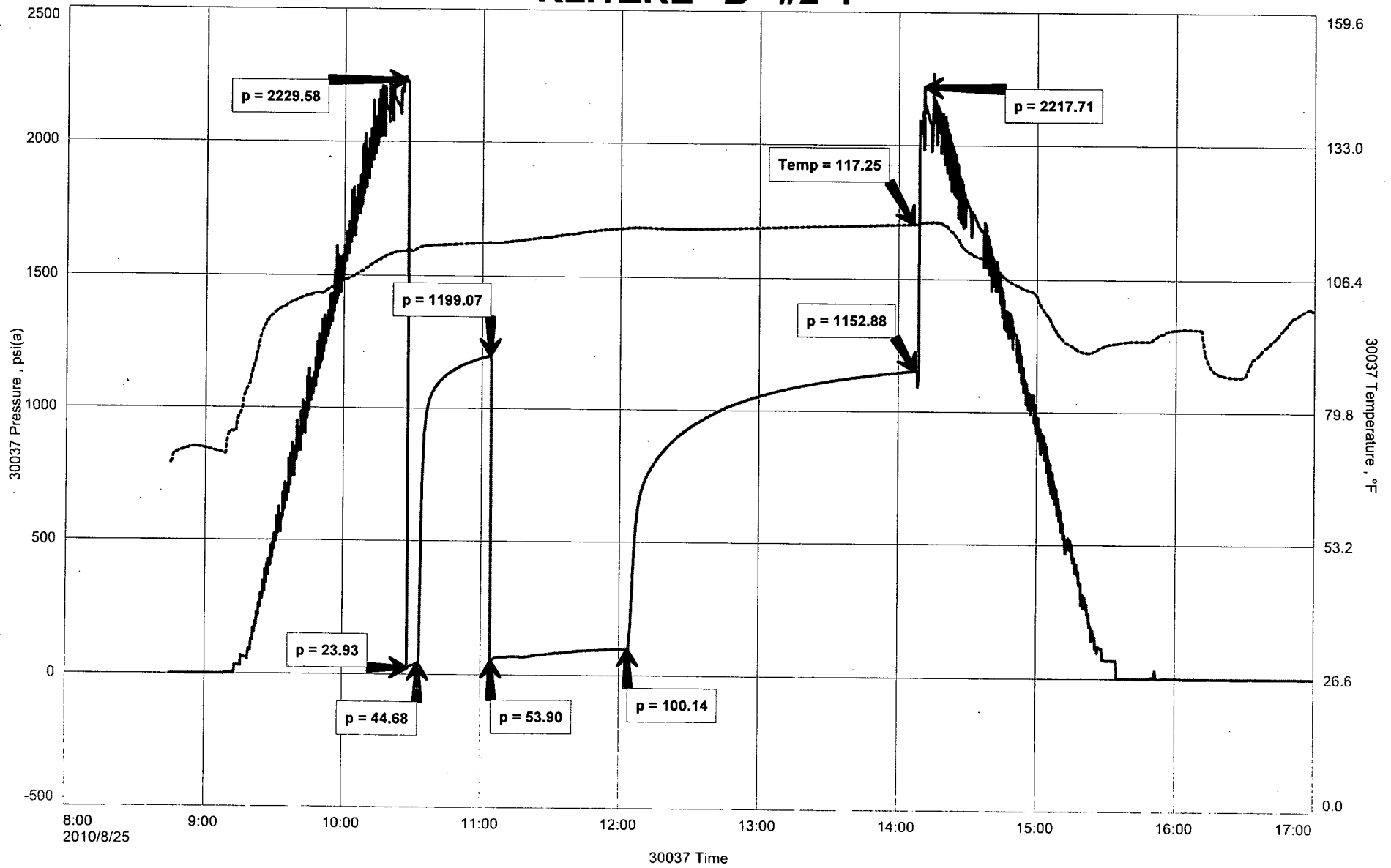
TOOL SAMPLE: 6% GAS, 12% OIL, 20% WTR, 62% MUD

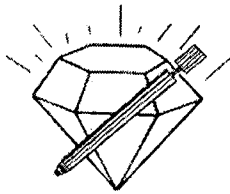
GRAVITY 41@60 DEG.
PH. 9.5
CHLOR. 7,000 PPM
RW. .055 @ 90 DEG

MULL DRLG
DST#2 MISS. 4327-4418
Start Test Date: 2010/08/25
Final Test Date: 2010/08/25

KLITZKE "B" #2-4
Formation: DST#2 MISS. 4327-4418
Pool: WILDCAT
Job Number: M020

KLITZKE "B" #2-4





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: KLTZB2-4DST2

TIME ON: 08:45
TIME OFF: 17:00

Company MULL DRLG Lease & Well No. KLITZKE "B" #2-4
Contractor W.W. RIG #6 Charge to MULL DRLG
Elevation 2428 KB Formation MISS Effective Pay _____ Ft. Ticket No. M020
Date 08-25-2010 Sec. 4 Twp. 17 S Range 23 W County NESS State KANSAS
Test Approved By PHIL ASKEY Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 4327 ft. to 4418 ft. Total Depth 4418 ft.
Packer Depth 4322 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4327 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

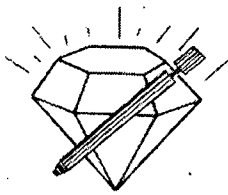
Top Recorder Depth (Inside) 4316 ft. Recorder Number 30037 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4415 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth NA ft. Recorder Number NA Cap. NA P.S.I.
Mud Type CHEMICAL Viscosity 68 Drill Collar Length 124 ft. I.D. 2 1/4 in.
Weight 9.5 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 6,700 P.P.M. Drill Pipe Length 4177 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number - Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 91 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: GSB, 1" RIGHT AWAY, BUILDING TO 2 3/4" (NO BB)
2nd Open: WSB, 1" IN 4 MIN. BOB 46 MIN (NO BB)

Recovered <u>81</u> ft. of <u>G.I.P.</u>		
Recovered <u>62</u> ft. of <u>OIL. 12% GAS, 88% OIL</u>		
Recovered <u>40</u> ft. of <u>WG HOCM, 7% GAS, 40% OIL, 6% WTR, 46% MUD</u>		
Recovered <u>124</u> ft. of <u>GW HOCM, 7% GAS, 27% OIL, 15% WTR, 51% MUD</u>		
Recovered <u>226</u> ft. of <u>TOTAL FLUID</u>	<u>GRAVITY 41.0 @ 60 DEG.</u>	Price Job
Recovered _____ ft. of _____	<u>PH 9.5</u>	Other Charges
Remarks: _____	<u>CHLOR 7,000 Ppm</u>	Insurance
	<u>RW .05@ 90 DEG.</u>	
<u>TOOL SAMPLE: 6% GAS, 12% OIL, 20% WTR, 62% MUD</u>		Total

Time Set Packer(s) 10:28 A.M. A.M. P.M. Time Started Off Bottom 2:03 P.M. A.M. P.M. Maximum Temperature 117
Initial Hydrostatic Pressure..... (A) 2230 P.S.I.
Initial Flow Period..... Minutes 5 (B) 24 P.S.I. to (C) 45 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1199 P.S.I.
Final Flow Period..... Minutes 60 (E) 54 P.S.I. to (F) 100 P.S.I.
Final Closed In Period..... Minutes 120 (G) 1153 P.S.I.
Final Hydrostatic Pressure..... (H) 2218 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.



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: KLTZB2-4DST3

TIME ON: 22:45 (08-25)
TIME OFF: 06:46 (09-26)

Company MULL DRLG Lease & Well No. KLITZKE "B" #2-4
Contractor W.W. RIG #6 Charge to MULL DRLG
Elevation 2428 KB Formation MISS Effective Pay _____ Ft. Ticket No. M021
Date 08-25-2010 Sec. 4 Twp. 17 S Range 23 W County NESS State KANSAS
Test Approved By PHIL ASKEY Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 4417 ft. to 4428 ft. Total Depth 4428 ft.
Packer Depth 4412 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4417 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4406 ft. Recorder Number 30037 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4425 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth NA ft. Recorder Number NA Cap. NA P.S.I.
Mud Type CHEMICAL Viscosity 60 Drill Collar Length 124 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 6,700 P.P.M. Drill Pipe Length 4268 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number - Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 11 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: VWSB, BUILT TO 1" (NO BB)
2nd Open: VWSB AFTER 3 MIN. BUILDING TO 4 1/2" (NO BB)

Recovered 80 ft. of G.I.P.
Recovered 10 ft. of CLEAN OIL, 100% OIL
Recovered 62 ft. of MO, 98% OIL, 2% MUD
Recovered 62 ft. of OCM, 2% WTR, 12% OIL, 86% MUD

Recovered <u>134</u> ft. of <u>TOTAL FLUID</u>	Price Job
Recovered _____ ft. of <u>GRAVITY 41.2@60 DEG</u>	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>6% WTR, 20% OIL, 74% MUD</u>	Total

Time Set Packer(s) 12:53 A.M. A.M. P.M. Time Started Off Bottom 4:28 A.M. A.M. P.M. Maximum Temperature 118
Initial Hydrostatic Pressure..... (A) 2165 P.S.I.
Initial Flow Period..... Minutes 5 (B) 7 P.S.I. to (C) 13 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1317 P.S.I.
Final Flow Period..... Minutes 60 (E) 17 P.S.I. to (F) 59 P.S.I.
Final Closed In Period..... Minutes 120 (G) 1320 P.S.I.
Final Hydrostatic Pressure..... (H) 2165 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.

DIAMOND TESTING

Drill Test Report

General Information

Company Name MULL DRLG

Contact MARK SHREVE
Well Name KLITZKE "B" #2-4
Unique Well ID DST#3 MISS. 4417-4428
Surface Location SEC 4-17s-23w NESS Co. Ks.
Field WILDCAT
Well Type Vertical

Job Number M021
Representative MIKE COCHRAN
Well Operator MULL DRLG
Report Date 2010/08/26
Prepared By MIKE COCHRAN

Test Information

Test Type CONVENTIONAL
Formation DST#3 MISS. 4417-4428
Well Fluid Type 01 Oil
Test Purpose (AEUB) Initial Test

Start Test Time 22:45:00
Final Test Time 06:46:00

Start Test Date 2010/08/25
Final Test Date 2010/08/26

Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 80' G.I.P.
10' CLEAN OIL, 100% OIL
62' MO, 98% OIL, 2% MUD
62' OCM, 2% WTR, 12% OIL, 86% MUD
134' TOTAL FLUID

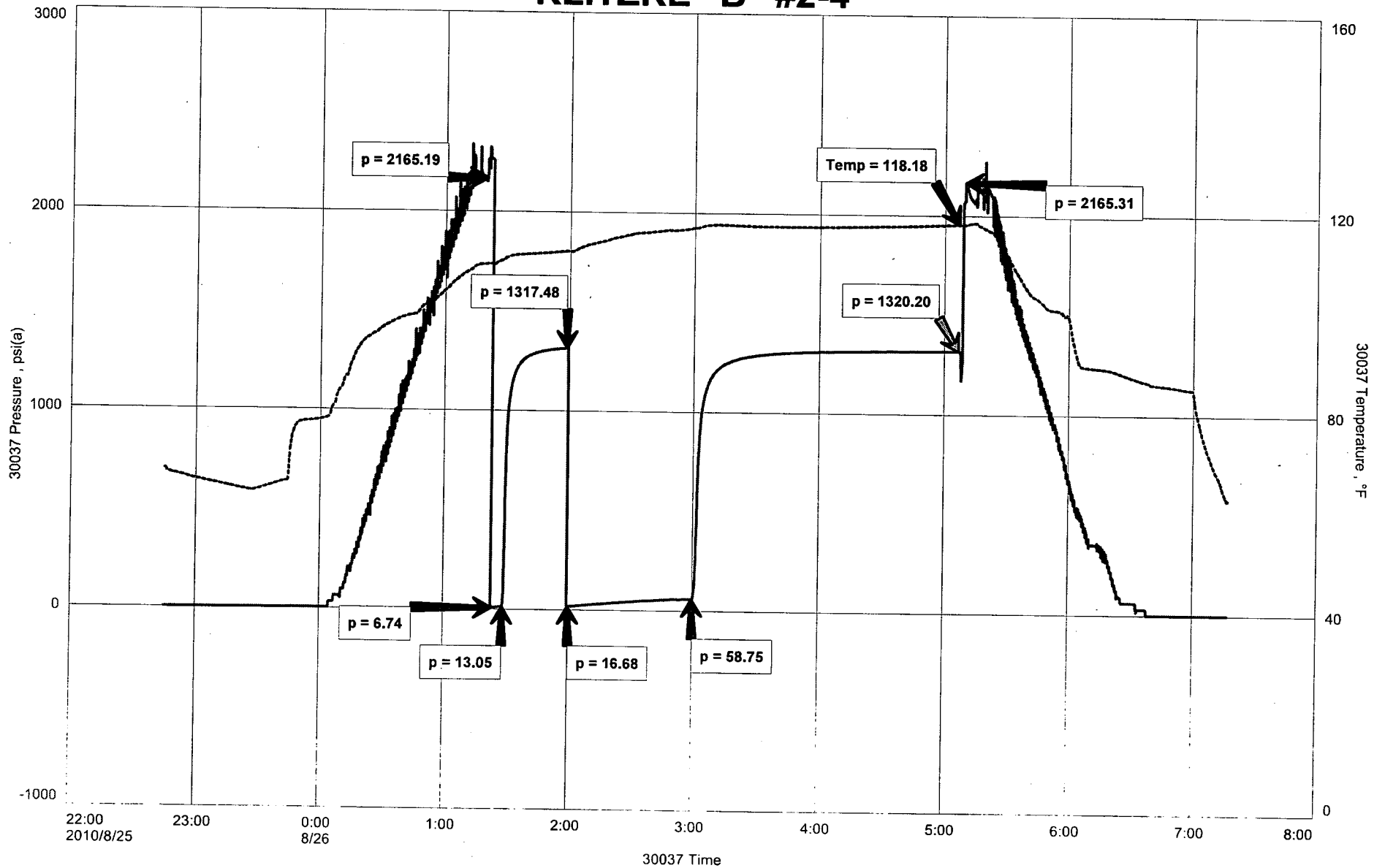
GRAVITY 41.2 @ 60 DEG.

TOOL SAMPLE: 6% WTR, 20% OIL, 74% MUD

MULL DRLG
DST#3 MISS. 4417-4428
Start Test Date: 2010/08/25
Final Test Date: 2010/08/26

KLITZKE "B" #2-4
Formation: DST#3 MISS. 4417-4428
Pool: WILDCAT
Job Number: M021

KLITZKE "B" #2-4



DIAMOND TESTING

Drill Test Report

General Information

Company Name MULL DRLG

Contact MARK SHREVE
Well Name KLITZKE "B" #2-4
Unique Well ID DST#4 MISS. 4427-4438
Surface Location SEC 4-17s-23w NESS Co. Ks.
Field WILDCAT
Well Type Vertical

Job Number M022
Representative MIKE COCHRAN
Well Operator MULL DRLG
Report Date 2010/08/26
Prepared By MIKE COCHRAN

Test Information

Test Type CONVENTIONAL
Formation DST#4 MISS. 4427-4438
Well Fluid Type 01 Oil
Test Purpose (AEUB) Initial Test

Start Test Time 11:37:00
Final Test Time 20:14:00

Start Test Date 2010/08/26
Final Test Date 2010/08/26

Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 65' OIL 99%OIL, 1% MUD
70' SOCMW 2% GAS, 8% OIL, 54% WTR, 36% MUD
427' OSMW 2% OIL, 92% WTR, 6% MUD
124' MW 98% WTR, 2% MUD, LIGHT SCUM OF OIL
686' TOTAL FLUID

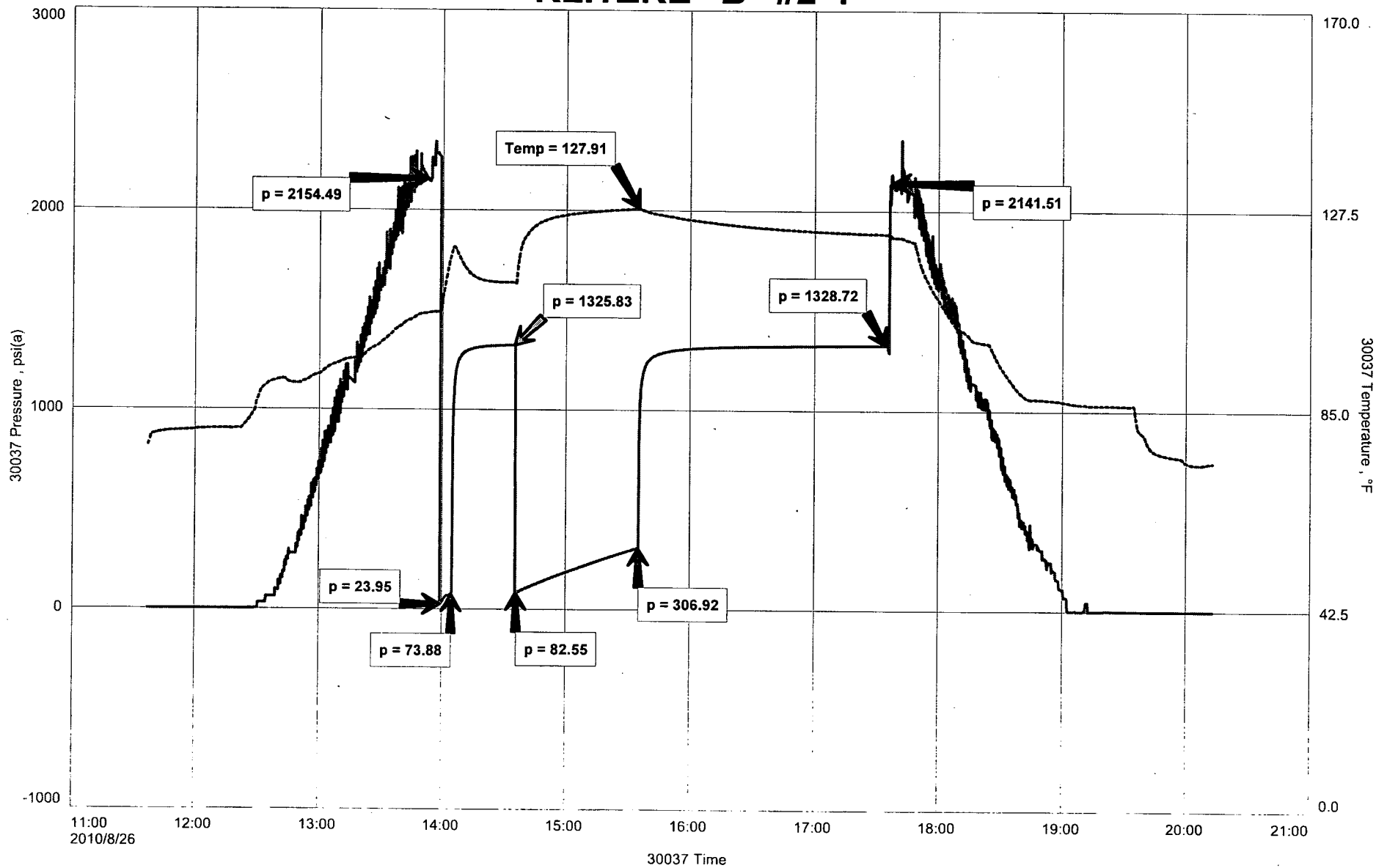
TOOL SAMPLE: 1 % OIL,97% WTR, 2% MUD

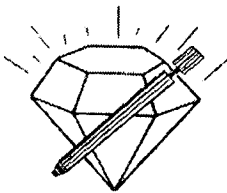
GRAVITY 41.2@60 DEG
PH 8.5
CHLOR 17,000 PPM
RW .28@ 78 DEG.

MULL DRLG
DST#4 MISS. 4427-4438
Start Test Date: 2010/08/26
Final Test Date: 2010/08/26

KLITZKE "B" #2-4
Formation: DST#4 MISS. 4427-4438
Pool: WILDCAT
Job Number: M022

KLITZKE "B" #2-4





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: KLTZB2-4DST4

TIME ON: 11:37
TIME OFF: 20:14

Company MULL DRLG Lease & Well No. KLITZKE "B" #2-4
Contractor W.W. RIG #6 Charge to MULL DRLG
Elevation 2428 KB Formation MISS Effective Pay _____ Ft. Ticket No. M022
Date 08-26-2010 Sec. 4 Twp. 17 S Range 23 W County NESS State KANSAS
Test Approved By PHIL ASKEY Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 4427 ft. to 4438 ft. Total Depth 4438 ft.
Packer Depth 4422 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4427 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4416 ft. Recorder Number 30037 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4435 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth NA ft. Recorder Number NA Cap. NA P.S.I.
Mud Type CHEMICAL Viscosity 62 Drill Collar Length 124 ft. I.D. 2 1/4 in
Weight 9.4 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in
Chlorides 6,300 P.P.M. Drill Pipe Length 4278 ft. I.D. 3 1/2 in
Jars: Make STERLING Serial Number - Test Tool Length 25 ft. Tool Size 3 1/2-IF in
Did Well Flow? NO Reversed Out NO Anchor Length 11 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, BUILD TO 7" (NO BB)
2nd Open: WSB, BOB 13 MIN. (NO BB)

Recovered <u>65</u> ft. of <u>OIL. 99% OIL, 1% MUD</u>	
Recovered <u>70</u> ft. of <u>SOCMW. 2% GAS, 8% OIL, 54% WTR, 6% MUD</u>	
Recovered <u>427</u> ft. of <u>OSMW. 2% OIL, 92% WTR, 6% MUD</u>	
Recovered <u>124</u> ft. of <u>MW. 98% WTR, 2% MUD, LIGHT SCUM OF OIL</u>	
Recovered <u>686</u> ft. of <u>TOTAL FLUID GRAVITY 41.2@60 deg</u>	Price Job
Recovered _____ ft. of <u>PH 8.5</u>	Other Charges
Remarks: <u>CHLOR 17,000 PPM</u>	Insurance
<u>RW .28@78 DEG</u>	
<u>TOOL SAMPLE: 1% OIL, 97% WTR, 2% MUD</u>	Total

Time Set Packer(s) 2:00 P.M. A.M. P.M. Time Started Off Bottom 5:35 P.M. A.M. P.M. Maximum Temperature 128
Initial Hydrostatic Pressure..... (A) 2154 P.S.I.
Initial Flow Period..... Minutes 5 (B) 24 P.S.I. to (C) 74 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1326 P.S.I.
Final Flow Period..... Minutes 60 (E) 83 P.S.I. to (F) 307 P.S.I.
Final Closed In Period..... Minutes 120 (G) 1329 P.S.I.
Final Hydrostatic Pressure..... (H) 2142 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.