



KANSAS CORPORATION COMMISSION 1053982
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 # 6039
Name: L. D. Drilling, Inc.
Address 1: 7 SW 26TH AVE
Address 2: _____
City: GREAT BEND State: KS Zip: 67530 + 6525
Contact Person: L. D. DAVIS
Phone: (620) 793-3051
CONTRACTOR: License # 33323
Name: Petromark Drilling, LLC
Wellsite Geologist: JOSH AUSTIN
Purchaser: NA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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>03/17/2011</u>	<u>03/24/2011</u>	<u>04/13/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-25532-00-00

Spot Description: _____
NW SE SE SE Sec. 9 Twp. 19 S. R. 12 East West

602 Feet from North / South Line of Section

578 Feet from East / West Line of Section

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

County: Barton

Lease Name: MARY S. Well #: 2-9

Field Name: KNOP

Producing Formation: NA

Elevation: Ground: 1842 Kelly Bushing: 1846

Total Depth: 3835 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 347 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: 5000 ppm Fluid volume: 450 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite: _____

Operator Name: L. D. DRILLING, INC.

Lease Name: DAVIS RANCH OWWD License #: 6039

Quarter NW Sec. 14 Twp. 21 S. R. 12 East West

County: STAFFORD Permit #: D30736

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: 04/18/2011



1053982

Operator Name: L. D. Drilling, Inc. Lease Name: MARY S. Well #: 2-9
 Sec. 9 Twp. 19 S. R. 12 East West County: Barton

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>3020</td> <td>-1174</td> </tr> <tr> <td>Toronto</td> <td>3038</td> <td>-1192</td> </tr> <tr> <td>Douglas</td> <td>3052</td> <td>-1206</td> </tr> <tr> <td>Brown Lime</td> <td>3131</td> <td>-1285</td> </tr> <tr> <td>Lansing</td> <td>3144</td> <td>-1298</td> </tr> <tr> <td>Base Kansas City</td> <td>3389</td> <td>-1543</td> </tr> <tr> <td>Arbuckle</td> <td>3435</td> <td>-1589</td> </tr> </tbody> </table>	Name	Top	Datum	Heebner	3020	-1174	Toronto	3038	-1192	Douglas	3052	-1206	Brown Lime	3131	-1285	Lansing	3144	-1298	Base Kansas City	3389	-1543	Arbuckle	3435	-1589
Name	Top	Datum																							
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Toronto	3038	-1192																							
Douglas	3052	-1206																							
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Lansing	3144	-1298																							
Base Kansas City	3389	-1543																							
Arbuckle	3435	-1589																							

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	12.25	8.625	24	347	60/40 POZMIX	320	2%Gel,3%CC,1/4#CF
PRODUCTION	7.875	5.5	14	3492	60/40 POZMIX	205	18%Salt, 1/4#FR,5#GII,1/4#CF

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
		1500 gal 28% Acid	

TUBING RECORD: Size: <u>2.875</u> Set At: <u>3450</u> Packer At: <u>3450</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No											
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____										
Estimated Production Per 24 Hours	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">Oil Bbls.</td> <td style="width:15%;">Gas Mcf</td> <td style="width:15%;">Water Bbls.</td> <td style="width:15%;">Gas-Oil Ratio</td> <td style="width:15%;">Gravity</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity					
Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity							

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input checked="" type="checkbox"/> Open Hole <input 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: _____ _____
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BASIC

energy services, L.P.

TREATMENT REPORT

Customer LD DRILLING, INC.	Lease No.	Date 3-18-2011
Lease MARYS	Well # 2-9	
Field Order # 3655	Station PRATT, Ks.	Casing 8 5/8
Type Job CNW-8 5/8" S.P.	Depth 350'	County BARTON
	Formation	State Ks.
		Legal Description 9-19-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing 8 5/8" x 24"	Tubing Size	Shots/Ft	CMT -	Acid 320SK 60/40 Poz	RATE	PRESS	ISIP	
Depth 347.89'	Depth	From	To	Pre Ppd @ 1.2 CUFT	Max		5 Min.	
Volume 22 BBL	Volume	From	To	Pad	Min		10 Min.	
Max Press 500	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 347.89'	Packer Depth	From	To	Flush 20.5 H2O	Gas Volume		Total Load	

Customer Representative **JIM-PET.#2** Station Manager **D. SCOTT** Treater **K. LESLEY**

Service Units	19870	19889	19842	19959	21010				
Driver Names	LESLEY MITCHELL		VEATCH						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:30 PM					ON LOCATION - SAFETY MEETING
1:30 AM					RUN BITS, - 8 5/8" x 24" CSG.
2:00 AM					CSG. ON BOTTOM
2:10 AM					HOOK UP TO CSG. / BREAK CIRC. W/ RIG
2:15 AM					SWITCH OVER TO PUMP TRUCK
2:16 AM	150		5	5	H2O AHEAD
2:29 AM	180		69	6	MIX 320SK 60/40 POZ @ 14.8 PPG
2:32 AM					SHUT DOWN - RELEASE PLUG
2:40 AM	0		0	5	START DISPLACEMENT -
2:47 AM	100		12	4	LIFT PRESSURE
2:55 AM	150		15	3	SLOW RATE
3:00 AM	300		20.5	0	PLUG DOWN - CLOSE IN AT HEAD
					CIRCULATION THRU JOB
					CIRCULATED BBL TO PIT
					JOB COMPLETE,
					THANKS -
					KEEVEN LESLEY

Taylor Printing, Inc. 620-672-3656



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 03722 A

DATE _____ TICKET NO. _____

DATE OF JOB: 3-24-11 DISTRICT: Pratt		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:									
CUSTOMER: L.D. Drilling		LEASE: Macy's		WELL NO. 2-9							
ADDRESS:		COUNTY: Barton		STATE: KS							
CITY:		SERVICE CREW: Orlando, Mattel, Wiser, Brungardt									
AUTHORIZED BY:		JOB TYPE: CNW-5 1/2 L.S.									
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	3-24-11	DATE	3-24-11	TIME	2:00 PM
27283	1/2					ARRIVED AT JOB	3-24-11	DATE	3-24-11	TIME	4:00 PM
19963-19905	1/2					START OPERATION		DATE		TIME	9:00 AM
19969-21010	1/2					FINISH OPERATION		DATE		TIME	9:30 AM
						RELEASED		DATE		TIME	10:30 AM
						MILES FROM STATION TO WELL	60				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP103	60/40 P02	SK	175		2100.00
CP103	60/40 P02	SK	30		360.00
CC102	Cell Flare	Lb	44		1162.80
CC111	Salt	Lb	1558		779.00
CC112	Friction Reducer	Lb	114		684.00
CC201	Gilsonite	Lb	875		586.25
CF1607	Latch Down Plug + Baffle 5 1/2 (Blue)	ea	1		400.00
CF1001	Packer Shoe 5 1/2 (Red)	ea	1		3700.00
CF1651	Turbolizer (Blue)	ea	4		440.00
C704	KCL Substitute	Gal	1		35.00
CC151	Mud Loss	Gal	500		430.00
E100	Pickup Mileage	mi	60		255.00
E101	Heavy Equipment Mileage	mi	1.20		840.00
E113	Bulk Delivery	ea	531		849.60
CE204	Depth Charge	ea	1		2160.00
CE240	Cement Service Charge	SK	205		287.00
CE504	Plug Container	ea	1		250.00
S003	Service Supervisor	ea	1		175.00

SUB TOTAL 10,870.24

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	% TAX ON \$
MATERIALS	% TAX ON \$
TOTAL	

SERVICE REPRESENTATIVE: Steve Orlando THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

Customer	L.D. Drilling	Lease No.		Date	3-24-11
Lease	Mary's	Well #	2-9		
Field Order #	3722	Station	Pratt	Casing	5 7/8
				Depth	3496
Type Job	C.N.W. - 5 7/8 L.S. Packer Shoe			County	Barton
				State	KS
				Formation	
				Legal Description	9-19-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME			
Casing Size	5 7/8" 14#	Tubing Size		Shots/Ft	175	Rate	1.18	PRESS	ISIP
Depth	3492	Depth		From	30	Max			5 Min.
Volume		Volume		To	30	Min			10 Min.
Max Press	1500	Max Press		From		Avg			15 Min.
Well Connection	P.C.	Annulus Vol.		To		HHP Used			Annulus Pressure
Plug Depth	3470	Packer Depth		From		Gas Volume			Total Load
				To		Flush	84.7		

Customer Representative	L.D. Davis	Station Manager	Dave Scott	Treater	Steve Orlando
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Service Units	27283	19903/19905	19959	21010					
Driver Names	Orlando	Mattel	Wiser	Jason					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:00 AM					On location - Safety Meeting
					Run 80 Jts 5 7/8 Casing sets 3496
					Centralizers 1-3-5-7
					Casing on Bottom - Breakline v/n
					Pump Ball Set Packer Shoe
8:58	250		20	5	Pump 20 bbl 270 KCL H2O
9:02	250		12	5	Mud Flush
9:04	250		3	5	H2O spacer
9:05	200		37	5	Mix 175 sk 60/40 poz @ 15.4#
					Shut Down - Clear pump + lines
					Release Plug
9:14	0		0	6	Start H2O Displacement
9:25	400		65	5	Lift Pressure
9:27	700		75	4	Slow Rate
9:30 AM	1000		84.7	4	Plug Down - Hold
9:45			6 1/2		Mix 30 bbl 60/40 poz for R.H.
					JOB Complete
					Thanks, Steve
					Jts out 1-10-12



Office (620) 588-4296 212 Main St. • P.O. Box 215 • Gladwin, KS 67528 Home (620) 587-3444

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY L.D. Drilling, Inc.
 LEASE Mary S. # 2-9
 FIELD Knop
 LOCATION Nu-Se-Se-Se
 SEC 9 TWPSE 19s RGE 12w
 COUNTY Barton STATE Kansas
 OPERATOR Petromark Drilling (rig #2)
 SPLIT 03-17-2011 COMP 03-24-2011
 RIG 3835 LTD
 MUD 2611 TYPE MUD Chemical Displaced

ELEVATIONS
 KB 1846
 DF
 GL 1841
 Measurements Are All From KB
 CASING 8 1/2" @ 350'
 PRODUCTION
 ELECTRICAL SURVEYS
None

SAMPLES SAVED FROM 2700 TO 3835
 DRILLING TIME KEPT FROM 2700 TO 3835
 SAMPLES EXAMINED FROM 2700 TO 3835
 GEOLOGICAL SUPERVISION FROM 2830 TO 3835
 GEOLOGIST ON WELL Josh Austin

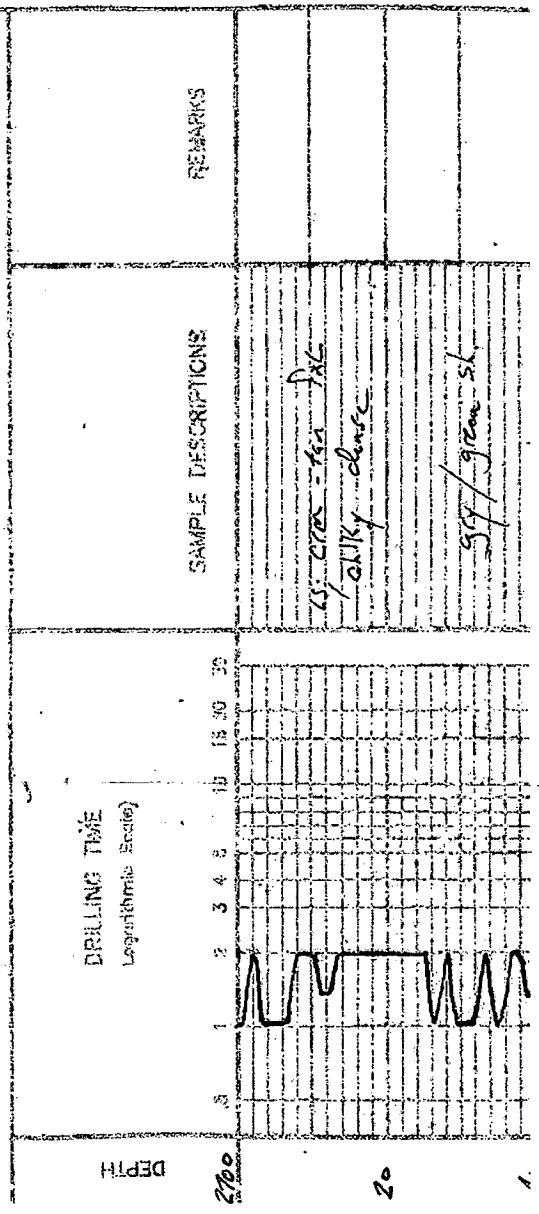
FORMATION TOPS	LOG	SAMPLES
Heebner	} No. log	3020 - 1174
Toronto		3038 - 1192
Douglas		3052 - 1206
Brown lime		3131 - 1285
Hansing		3144 - 1298
Base Kansas City		3389 - 1543
Arbuckle		3435 - 1589
R.T.D.		3835 - 1989

5 1/2" disposal was set and cemented

Respectfully submitted,
 Joshua P. Austin
 Petroleum Geologist

LEGEND

- Debris
- Chert
- Colling
- Limestone
- Sandstone
- Salt
- Anhydrite



15' con. f. med. x c.
 slightly dolomitic poor v.s.
 + blk/lt. gray s.

15' con. f. med. x c. gran.
 sandy in part. slightly dolomitic.
 sec. H. 1/3

15' con. f. med. x c. gran.
 slightly dolomitic in part.
 ch. l.

15' con. f. med. x c. gran.
 dolomitic poor v.s. 1/3

15' con. f. med. x c. gran.
 highly calc. / fine

blk carb. sh.

15' con. f. med. x c. gran.
 fossiliferous in part. dense.
 poorly clay. 1/3

15' con. f. med. x c. gran.
 silty in part.

15' con. f. med. x c. gran.
 silty, gray, grayish green

blk carb. shale

15' con. f. med. x c. gran.
 slightly fossiliferous.
 gran. in part.

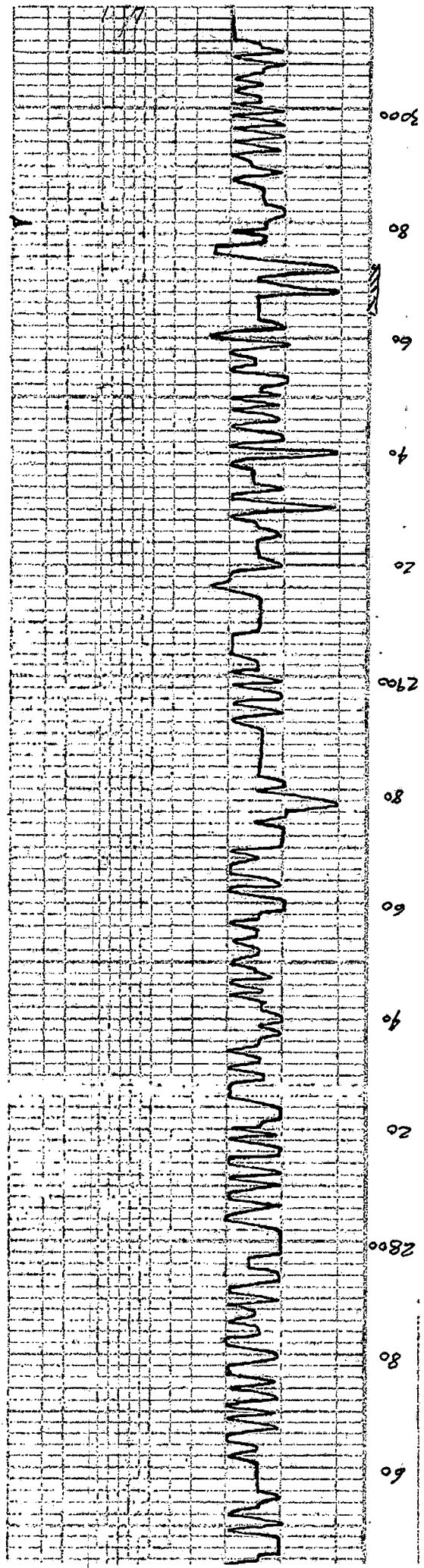
15' con. f. med. x c. gran.
 in part. red gran. 1/3

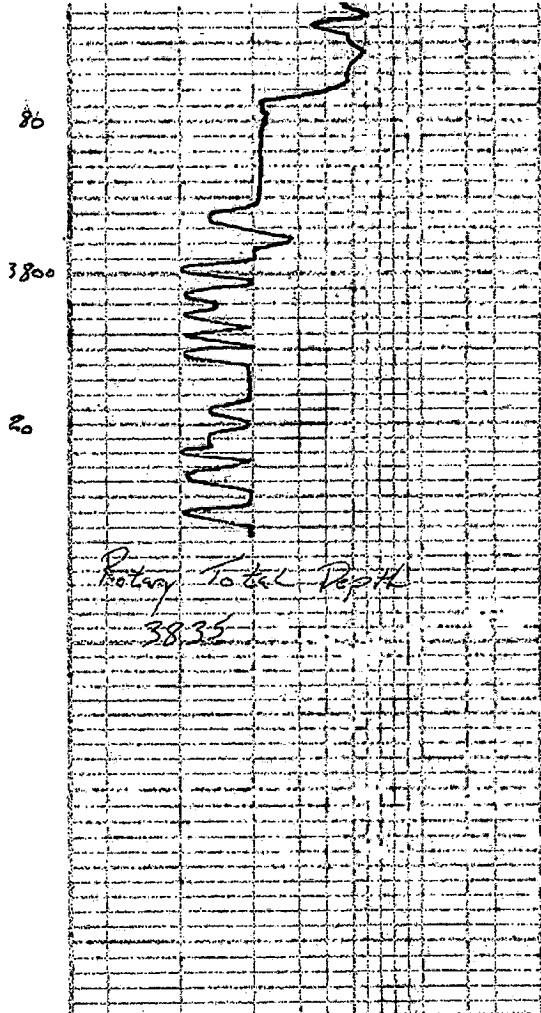
15' con. f. med. x c. gran.
 fossiliferous. ch. l.

15' con. f. med. x c. gran.
 + gray soft sh.

15' con. f. med. x c. gran.
 poor v.s. 1/3

15' con. f. med. x c. gran.





dol. wh. gray - pink frc
 Sandy frc - 1/2 Qtz

{

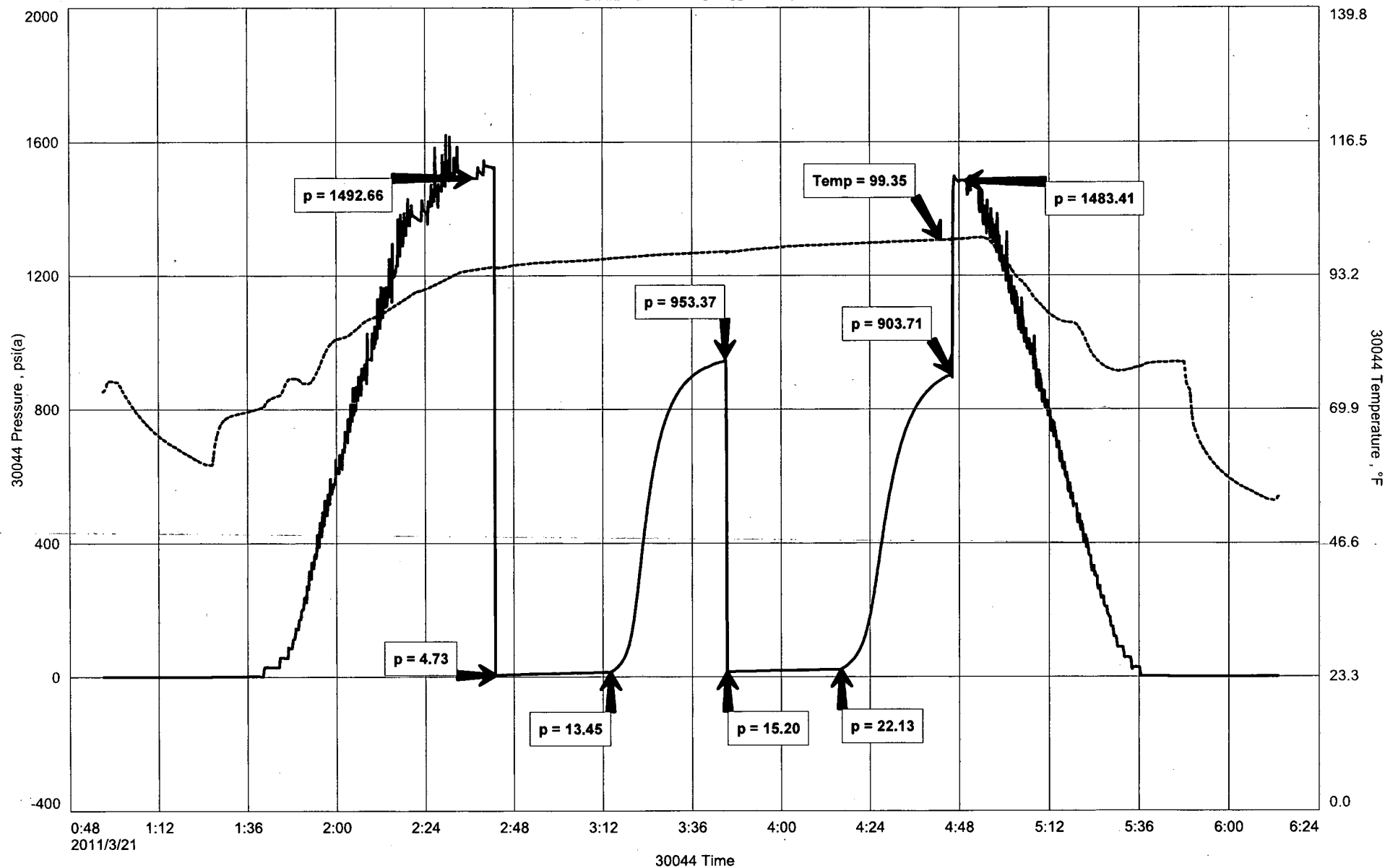
dol. ca + bk. gray shale
 w/ fese inclusions

Dol. H. gray - wh. pink
 f. metal. conc. in part
 Poorly dev. f. + Qtz

L.D. DRLG
DST#1 3134-3185 LANS A-B
Start Test Date: 2011/03/21
Final Test Date: 2011/03/21

MARY S #2-9
Formation: DST#1 3134-3185 LANS A-B
Pool: WILDCAT
Job Number: M121

MARYS #2-9



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRLG	Job Number	M121
Well Name	MARY S #2-9	Representative	MIKE COCHRAN
Unique Well ID	DST#1 3134-3185 LANS A-B	Well Operator	L.D. DRLG
Surface Location	SEC.9-19S-12W BARTON CO. KS.	Report Date	2011/03/21
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOSH AUSTIN
	Test Unit		NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 3134-3185 LANS A-B		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/03/21	Start Test Time	00:57:00
Final Test Date	2011/03/21	Final Test Time	06:14:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
5' GDM 1% GAS, 99% MUD, LIGHT SCUM OF OIL
5' TOTAL FLUID

TOOL SAMPLE: DM W/SPOTS OF OIL



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: MARYS2-9DST1

TIME ON: 0057
 TIME OFF: 0614

Company L.D. DRLG Lease & Well No. MARYS #2-9
 Contractor PETROMARK RIG 2 Charge to L.D. DRLG
 Elevation 1841 GL Formation LANS A-B Effective Pay _____ Ft. Ticket No. M121
 Date 03/21/11 Sec. 9 Twp. _____ 19 S Range _____ 12 W County BARTON State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 3134 ft. to 3185 ft. Total Depth 3185 ft.
 Packer Depth 3129 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
 Packer Depth 3134 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3122 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 3182 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 61 Drill Collar Length 121 ft. I.D. 2 1/4 in.
 Weight 8.9 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 2,800 P.P.M. Drill Pipe Length 2988 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number NA Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 51 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (31' D.P.) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, BUILT TO 1" (NO BB)
 2nd Open: WSB, BUILT TO 1/2" (NO BB)

Recovered 5 ft. of GM 1% GAS, 99% MUD, LIGHT SCUM OF OIL
 Recovered 5 ft. of TOTAL FLUID
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

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

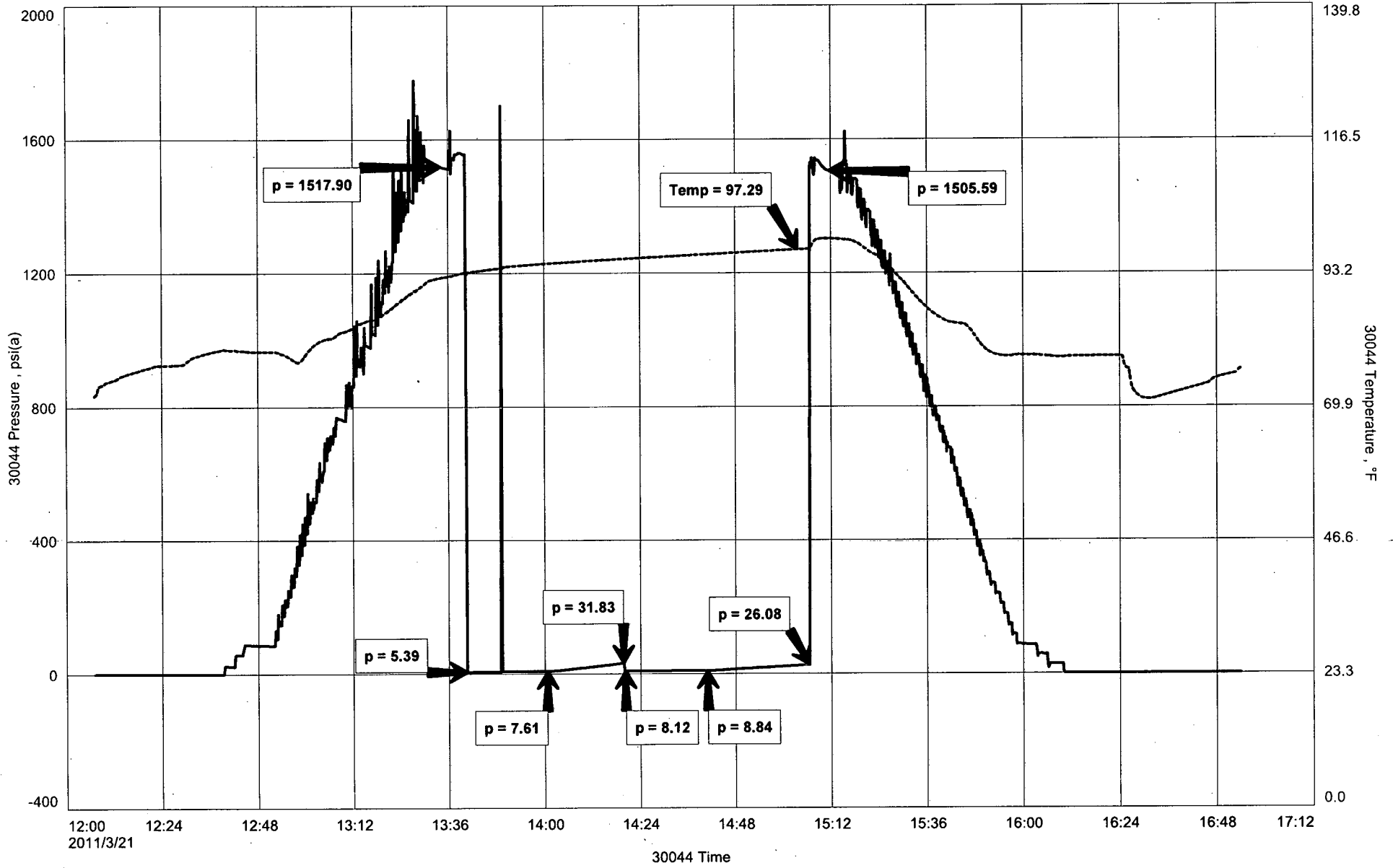
Time Set Packer(s) 2:45 A.M. A.M. P.M. Time Started Off Bottom 4:45 A.M. A.M. P.M. Maximum Temperature 99
 Initial Hydrostatic Pressure..... (A) 1493 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 5 P.S.I. to (C) 13 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 953 P.S.I.
 Final Flow Period..... Minutes 30 (E) 15 P.S.I. to (F) 22 P.S.I.
 Final Closed In Period..... Minutes 30 (G) 904 P.S.I.
 Final Hydrostatic Pressure..... (H) 1483 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.

L.D. DRLG
DST#2 3185-3225 LANS C-F
Start Test Date: 2011/03/21
Final Test Date: 2011/03/21

MARYS #2-9
Formation: DST#2 3185-3225 LANS C-F
Pool: WILDCAT
Job Number: M122

MARYS #2-9



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRLG	Job Number	M122
Well Name	MARYS #2-9	Representative	MIKE COCHRAN
Unique Well ID	DST#2 3185-3225 LANS C-F	Well Operator	L.D. DRLG
Surface Location	SEC.9-19S-12W BARTON CO. KS.	Report Date	2011/03/21
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOSH AUSTIN
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 3185-3225 LANS C-F		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/03/21	Start Test Time	12:07:00
Final Test Date	2011/03/21	Final Test Time	14:56:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
2' DM W/ SPECKS OF OIL
2' TOTAL FLUID

TOOL SAMPLE: DM W/ OIL SPOTS



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MARYS2-9DST2

TIME ON: 1207
TIME OFF: 1456

Company L.D. DRLG Lease & Well No. MARYS #2-9
Contractor PETROMARK RIG 2 Charge to L.D. DRLG
Elevation 1841 GL Formation LANS C-F Effective Pay _____ Ft. Ticket No. M122
Date 03/21/11 Sec. 9 Twp. 19 S Range 12 W County BARTON State KANSAS
Test Approved By JOSH AUSTIN Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 3185 ft. to 3225 ft. Total Depth 3225 ft.
Packer Depth 3180 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3185 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set
Top Recorder Depth (Inside) 3174 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3222 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 56 Drill Collar Length 121 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5,000 P.P.M. Drill Pipe Length 3039 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number NA Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 40 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 FLUSH TOOL @ 6 MIN, THEN A VWSB THAT DIED AFTER 16 MIN. (NO BB)
2nd Open: A FEW BUBBLES ON OPEN, THEN NO BLOW (NO BB)

Recovered <u>2</u> ft. of <u>DM W/ SPECKS OF OIL</u>	
Recovered <u>2</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>DM W/ OIL SPOTS</u>	Total

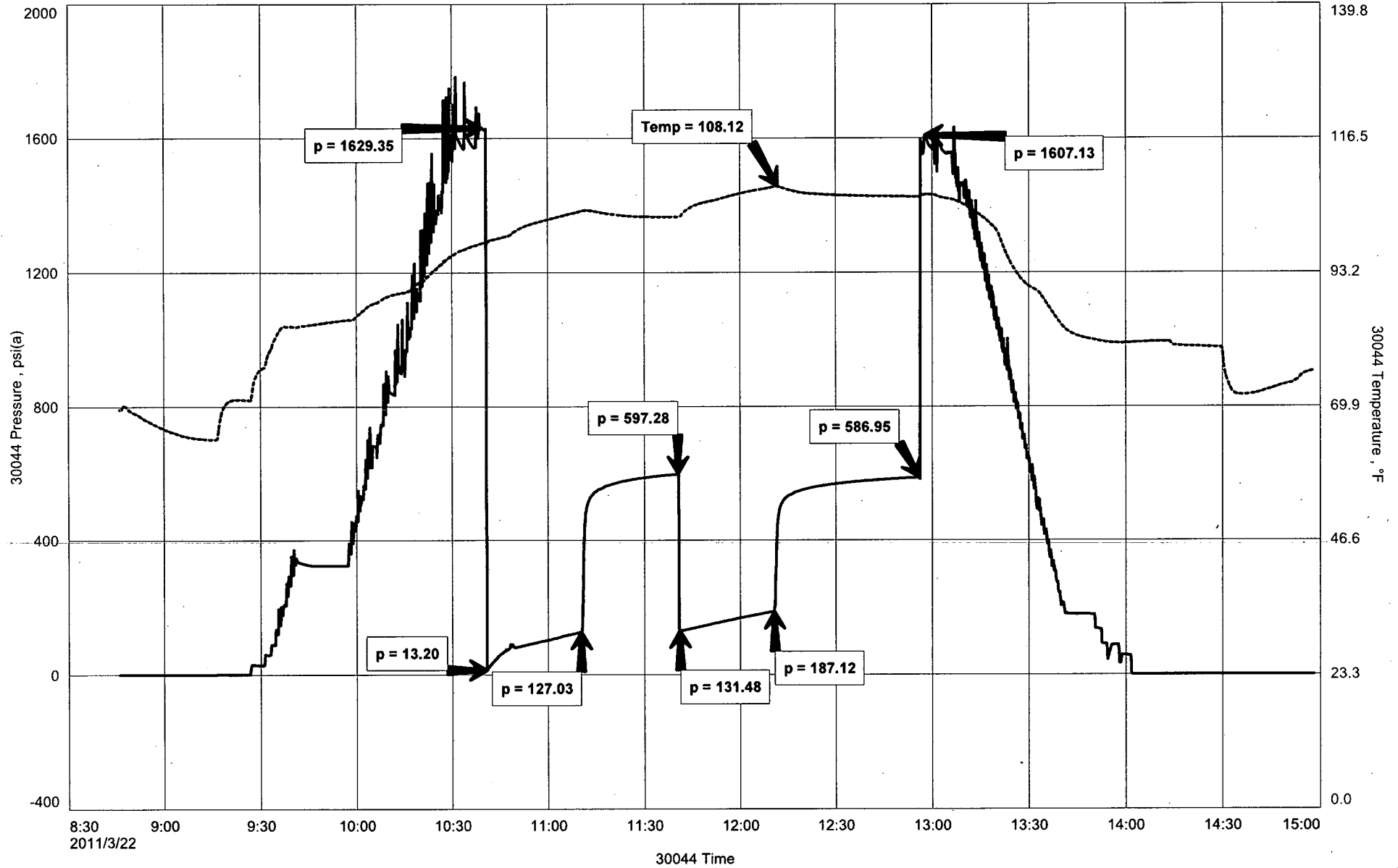
Time Set Packer(s) 1:40 P.M. A.M. P.M. Time Started Off Bottom 3:00 P.M. A.M. P.M. Maximum Temperature 97
Initial Hydrostatic Pressure..... (A) 1518 P.S.I.
Initial Flow Period..... Minutes 20 (B) 5 P.S.I. to (C) 8 P.S.I.
Initial Closed In Period..... Minutes 20 (D) 32 P.S.I.
Final Flow Period..... Minutes 20 (E) 8 P.S.I. to (F) 9 P.S.I.
Final Closed In Period..... Minutes 20 (G) 26 P.S.I.
Final Hydrostatic Pressure..... (H) 1506 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.

L.D. DRLG
DST#3 3274-3400 LANS H-L
Start Test Date: 2011/03/22
Final Test Date: 2011/03/22

MARYS #2-9
Formation: DST#3 3274-3400 LANS H-L
Pool: WILDCAT
Job Number: M123

MARYS #2-9



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRLG	Job Number	M123
Well Name	MARYS #2-9	Representative	MIKE COCHRAN
Unique Well ID	DST#3 3274-3400 LANS H-L	Well Operator	L.D. DRLG
Surface Location	SEC.9-19S-12W BARTON CO. KS.	Report Date	2011/03/22
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOSH AUSTIN
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#3 3274-3400 LANS H-L		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/03/22	Start Test Time	08:46:00
Final Test Date	2011/03/22	Final Test Time	14:59:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

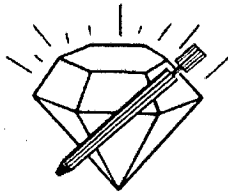
Test Results

Remarks

RECOVERED:
177' GIP
201' GMW 2% GAS, 71% WTR, 27% MUD, THIN SCUM OF OIL
184' GMW 2% GAS, 95% WTR, 3% MUD
385' TOTAL FLUID

CHLOR: 60,000 PPM
RW: .10 @ 82 DEG
PH: 7.0

TOOL SAMPLE: 1% GAS, 96% WTR, 3% MUD



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: MARYS2-9DST3

TIME ON: 0846
 TIME OFF: 1459

Company L.D. DRLG Lease & Well No. MARYS #2-9
 Contractor PETROMARK RIG 2 Charge to L.D. DRLG
 Elevation 1841 GL Formation LANS H-L Effective Pay _____ Ft. Ticket No. M123
 Date 03/22/11 Sec. 9 Twp. _____ 19 S Range _____ 12 W County BARTON State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 3274 ft. to 3400 ft. Total Depth 3400 ft.
 Packer Depth 3269 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
 Packer Depth 3274 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 3263 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 3397 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Mud Type CHEMICAL Viscosity 54 Drill Collar Length 121 ft. I.D. 2 1/4 in.
 Weight 9.4 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 5,000 P.P.M. Drill Pipe Length 3128 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number NA Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 126 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, BOB IN 30 MIN. (NO BB)
 2nd Open: WSB, BUILT 9 1/2" (NO BB)

Recovered <u>177 ft.</u> of <u>GIP</u>	
Recovered <u>201 ft.</u> of <u>GMW 2% GAS, 71% WTR, 27% MUD</u>	
Recovered <u>184 ft.</u> of <u>GMW 2% GAS, 95% WTR, 3% MUD (63' DP, 121' DC)</u>	
Recovered <u>385 ft.</u> of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	CHLOR: 60,000 PPM
Recovered _____ ft. of _____	RW: .10 @ 82°
Remarks: _____	PH: 7.0
TOOL SAMPLE:	Total

Time Set Packer(s) 10:40 A.M. A.M. P.M. Time Started Off Bottom 12:55 P.M. A.M. P.M. Maximum Temperature 108

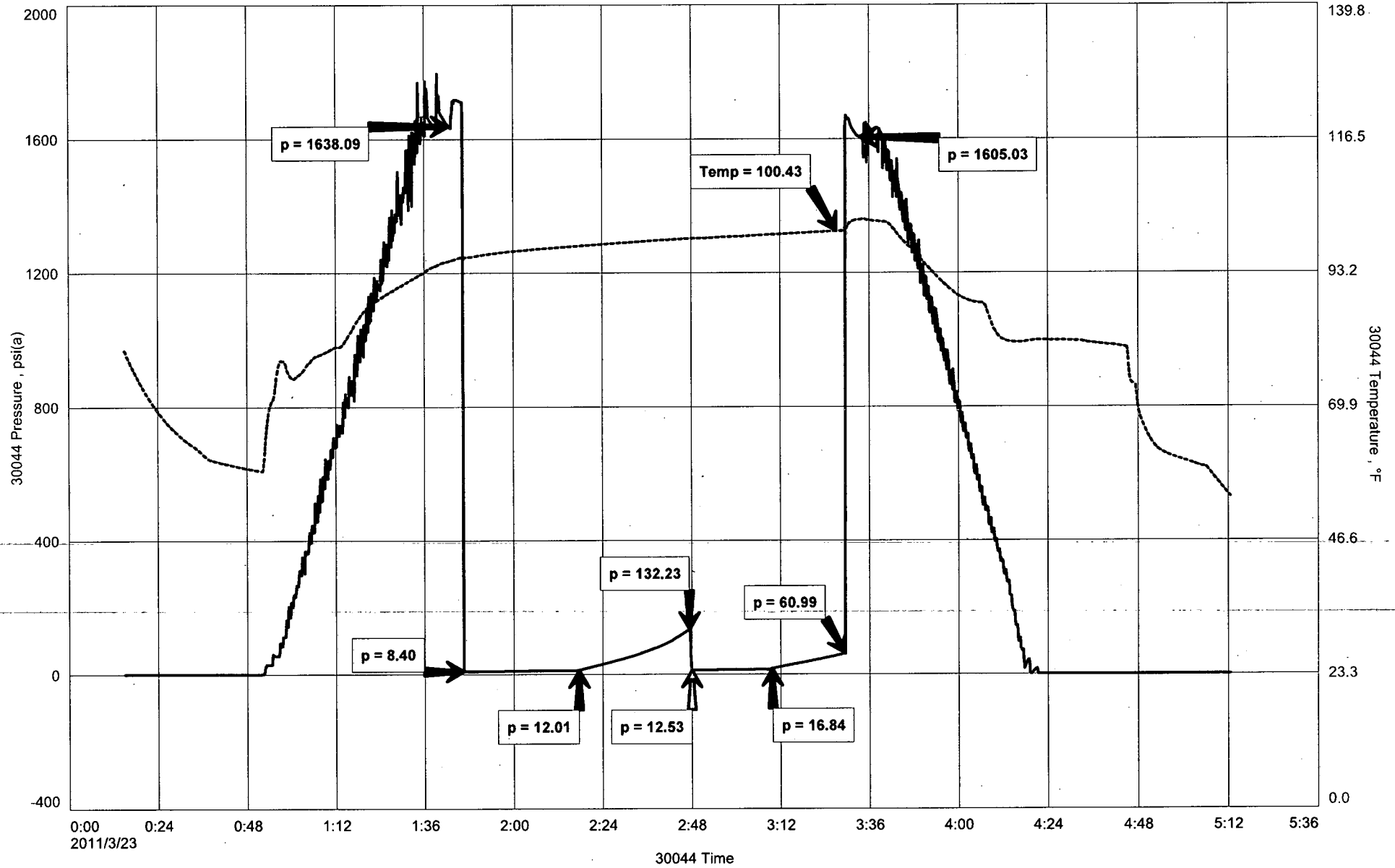
Initial Hydrostatic Pressure..... (A) 1629 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 127 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 597 P.S.I.
 Final Flow Period..... Minutes 30 (E) 131 P.S.I. to (F) 187 P.S.I.
 Final Closed In Period..... Minutes 45 (G) 587 P.S.I.
 Final Hydrostatic Pressure..... (H) 1607 P.S.I.

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L.D. DRLG
DST#4 3387-3460 ARB
Start Test Date: 2011/03/23
Final Test Date: 2011/03/23

MARYS #2-9
Formation: DST#4 3387-3460 ARB
Pool: WILDCAT
Job Number: M124

MARYS #2-9



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRLG	Job Number	M124
Well Name	MARYS #2-9	Representative	MIKE COCHRAN
Unique Well ID	DST#4 3387-3460 ARB	Well Operator	L.D. DRLG
Surface Location	SEC.9-19S-12W BARTON CO. KS.	Report Date	2011/03/23
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOSH AUSTIN
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#4 3387-3460 ARB		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/03/23	Start Test Time	00:15:00
Final Test Date	2011/03/23	Final Test Time	05:12:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
2' DM 100% MUD
2' TOTAL FLUID

TOOL SAMPLE: DM 100% MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MARYS2-9DST4

TIME ON: 0015
TIME OFF: 0512

Company L.D. DRLG Lease & Well No. MARYS #2-9
Contractor PETROMARK RIG 2 Charge to L.D. DRLG
Elevation 1841 GL Formation ARB Effective Pay _____ Ft. Ticket No. M124
Date 03/23/11 Sec. 9 Twp. _____ 19 S Range _____ 12 W County BARTON State KANSAS
Test Approved By JOSH AUSTIN Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 3387 ft. to 3460 ft. Total Depth 3460 ft.
Packer Depth 3382 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3387 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) _____ 3376 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) _____ 3457 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 53 Drill Collar Length 121 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5,000 P.P.M. Drill Pipe Length 3362 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number NA Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 73 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, BUILT 1/2" IN 20 MIN, THEN DIMINISHED UNTIL DEAD @ 27 MIN. (NO BB)
2nd Open: NO BLOW (NO BB)

Recovered <u>2</u> ft. of <u>DM 100% MUD</u>	
Recovered <u>2</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>DM 100% MUD</u>	Total

Time Set Packer(s) 1:50 A.M. A.M. P.M. Time Started Off Bottom 3:30 A.M. A.M. P.M. Maximum Temperature 100
Initial Hydrostatic Pressure..... (A) 1638 P.S.I.
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 12 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 132 P.S.I.
Final Flow Period..... Minutes 20 (E) 13 P.S.I. to (F) 17 P.S.I.
Final Closed In Period..... Minutes 20 (G) 61 P.S.I.
Final Hydrostatic Pressure..... (H) 1605 P.S.I.

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