



KANSAS CORPORATION COMMISSION 1052919
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: KIM SHOEMAKER
Purchaser: M V PURCHASING

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 #: _____
12/30/2010 01/06/2011 01/18/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-009-25493-00-00
Spot Description: _____
W2_NE_NE_SE Sec. 9 Twp. 19 S. R. 12 East West
2,310 Feet from North / South Line of Section
528 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 #: 1-9
Field Name: _____
Producing Formation: ARBUCKLE
Elevation: Ground: 1830 Kelly Bushing: 1837
Total Depth: 3500 Plug Back Total Depth: 3479
Amount of Surface Pipe Set and Cemented at: 340 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: 16000 ppm Fluid volume: 400 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: L D DRILLING, INC.
Lease Name: MERMIS License #: 6039
Quarter SE Sec. 9 Twp. 19 S. R. 12 East West
County: BARTON Permit #: D21526

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: Deanne Garrison Date: 03/30/2011



1052919

Operator Name: L. D. Drilling, Inc. Lease Name: MARY S. Well #: 1-9
 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 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: <small>DUAL COMPENSATED POROSITY LOG DUAL INDUCTION LOG SONIC CEMENT BOND LOG</small>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input 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>ANHYDRITE</td> <td>656</td> <td>+1181</td> </tr> <tr> <td>TOPEKA</td> <td>2659</td> <td>-822</td> </tr> <tr> <td>HEEBNER</td> <td>3001</td> <td>-1164</td> </tr> <tr> <td>BROWN LIME</td> <td>3111</td> <td>-1274</td> </tr> <tr> <td>LANSING</td> <td>3126</td> <td>-1289</td> </tr> <tr> <td>BASE KANSAS CITY</td> <td>3353</td> <td>-1516</td> </tr> <tr> <td>ARBUCKLE</td> <td>3397</td> <td>-1560</td> </tr> </tbody> </table>	Name	Top	Datum	ANHYDRITE	656	+1181	TOPEKA	2659	-822	HEEBNER	3001	-1164	BROWN LIME	3111	-1274	LANSING	3126	-1289	BASE KANSAS CITY	3353	-1516	ARBUCKLE	3397	-1560
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ARBUCKLE	3397	-1560																							

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. / FL	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12.25	8.625	24	340	60/40 POZMIX	300	4%Gel, 2%CC
PRODUCTION	7.8875	5.5	15.5	3499	60/40 POZMIX	180	18%Sal, 5%CFR, 1/4#CF, 5#G1

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	3412-3419	COMMON	75	1/2% FLA-322, 1/2% CFR, 1/4% DEFOAMER

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	3128 - 3134'; 3152 - 3156';	750 gal 28% NE FE HCL Acid	
4	3168 - 3170'; 3184 - 3186';	500 gal 28% NE FE HCL Acid	
4	3283 - 3286'; 3299 - 3301';		
4	3411 - 3415'; 3412 - 3418'		

TUBING RECORD:	Size: <u>2.875</u>	Set At: <u>3443</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>03/08/2011</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

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: _____ _____
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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 02667 A

DATE _____ TICKET NO. _____

DATE OF JOB: 12-31-2010		DISTRICT		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, INC.				LEASE: MARY S.				WELL NO. 9		
ADDRESS				COUNTY: BARTON		STATE: KS.				
CITY		STATE		SERVICE CREW: LESLEY, MATEL, MITCHELL						
AUTHORIZED BY				JOB TYPE: CWLW - 8 5/8" S.P.						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED		DATE	AM	TIME
19870	1							12-31-10		12:30
19903/19905	1					ARRIVED AT JOB			AM	3:30
19954/19101D	1					START OPERATION			AM	5:40
						FINISH OPERATION			AM	6:30
						RELEASED			AM	7:00
						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: *[Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CR105	60/40 POZ	SK	300		3,600.00
CR107	CELL FURINE	LB	75		277.50
CC 109	CALCIUM CHLORIDE	LB	774		812.70
CF 153	WOODEN CHG. PLUG 8 5/8"	EA	1		160.00
E 100	PICKUP MILEAGE	MI	100		255.00
E 101	HEAVY EQUIPMENT MILEAGE	MI	120		840.00
E 113	BONE DRYER PURCH	TON	774		1,233.40
E 200	DEPTH CHARGE 0-500'	HR	1-4		1,000.00
CF 298	BLENDED SERVICE CHARGE	SK	300		420.00
CF 503	PLUG CONTAINER CHARGE	DB	1		255.00
S 003	SERVICE SUPERVISOR	EA	1		175.00

SUB-TOTAL: 16,320.00

CHEMICAL / ACID DATA		

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

SERVICE REPRESENTATIVE: *[Signature]* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*
FIELD SERVICE ORDER NO. _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer LD DRILLING, INC.	Lease No.	Date 12-31-2010
Lease MARY S.	Well # 1-9	
Fibid Order # 210107	Station PRATT, KS.	Casing 3 5/8
	Depth 344.93	County BARTON
Type Job CNW - 3 5/8" S.P.	Formation	Legal Description 9-14-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 3 5/8	Tubing Size	Shots/Ft CMT-		Acid 300SK 60/40 POZ	RATE	PRESS	ISIP	
Depth 344.93	Depth	From	To	Pre-Pad (2) 1.2 CU FT	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press 200	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 344.93	Packer Depth	From	To	Flush 20 BBL	Gas Volume		Total Load	

Customer Representative **L.D. DAVIS** Station Manager **D. SCOTT** Treater **K. LESLEY**

Service Units	19870	19903	19905	19959	21010				
Driver Names	LESLEY	MATEL	MITCHEL						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:30 AM					ON LOCATION - SAFETY MEETING
4:20 AM					RUN P.S.TS. 3 5/8" CSG. X 24"
5:35 AM					CSG. ON BOTTOM
5:40 AM					HOOK UP TO CSG. - BREAK CIRC. W/ RIG
5:45 AM	200		5	5	H2O AHEAD
5:58 AM	150		10.5	10	MIX 300 SKS. 60/40 POZ @ 14.8#/GAL
6:02 AM					SHUT DOWN
6:05 AM					RELEASE PLUG
6:10 AM	0		0	4	START DISPLACEMENT
6:20 AM	300		20	3	PLUG DOWN - CLOSE IN AT HEAD
					CIRCULATION THRU JOB
					CIRCULATED 5 BBL TO PIT
					JOB COMPLETE,
					THANKS - KEVEN



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 03146 A

DATE _____ TICKET NO. _____

DATE OF JOB: 1-7-11	DISTRICT: Pratt, Ks	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.A. DRILLING	LEASE: MARY S.	WELL NO. F-9					
ADDRESS:	COUNTY: BARTON	STATE: Ks					
CITY:	STATE:	SERVICE CREW: KC, MIMME, BLOD					
AUTHORIZED BY:	JOB TYPE: CNW-LOWC STRONG						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE AM PM
19907		19960				1-6	1:20
		19918				ARRIVED AT JOB	1-6 AM PM 2:20
19903						START OPERATION	1-7 AM PM 6:45
19905						FINISH OPERATION	AM PM 0:25
						RELEASED	AM PM 0:30
						MILES FROM STATION TO WELL	6.0

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

ITEM PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CE103	60/40 F02	SK	180		2160.00
CE107	CEWC FRAME	1b	45		720.50
CE111	START	1b	1603		801.50
CE112	CEFL	1b	78		468.00
CE101	REUSON FIB	1b	900		603.00
CE103	5" IL TOP RUBBER PLUG	EA	1		105.00
CE125	5" IL GUYOT SIDE	EA	1		750.00
CE145	5" IL REUSON FIB	EA	1		215.00
CE165	5" IL TURBO BENDER	EA	5		550.00
CE104	RS-16 VAL	EA	1		35.00
CE151	MUD FLUSH	EA	580		630.00
E100	REGULOR WHEEL	WHL	100		255.00
E101	TURBIL MTR	WHL	100		840.00
E113	BUCK BELIEVED	TW	465		744.00
CE201	PUMP PLATE	DR	1		2180.00
CE210	BEARING PLATE	SK	180		252.00
CE504	PUMP CONTROLLER	EA	1		250.00
S003	SERVICE SUPERIOR OIL	EA	1		175.00

SUB TOTAL: 7322.00

CHEMICAL / ACID DATA:	

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

SERVICE REPRESENTATIVE: K. Conroy	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
FIELD SERVICE ORDER NO.:	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

BASIC

energy services, L.P.

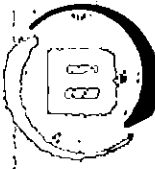
TREATMENT REPORT

Customer	LD DRILLING	Lease No.		Date	
Loase	MARY S.	Well #	1-9		1-7-11
Field Order #	3147	Station	PRATT, Ks.	Casing	5 1/2
				Depth	3499
Type Job	CWIN - LOWSTRENG		Formation	TD - 3500	Legal Description
					9-19-12
				County	BARTON
				State	Ks

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
3 1/2				Pre Pad				5 Min.
Depth	Depth	From	To	Pad				10 Min.
3499				Frac				15 Min.
Volume	Volume	From	To					
Max Press	Max Press	From	To					
Well Connection	Annulus Vol.	From	To					
Plug Depth	Packer Depth	From	To	Flush				
3785								

Customer Representative	LD	Station Manager	SCOTT	Treater	CONDLEY
Service Units	19907	19903-19905		19960-19918	
Driver Names	KC	INITIAL		BRAD	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2200					ON LOCATION 1-6-11
					RUN 3492' 5 1/2" 15.5" CG-84 JH
					GUIDESIDE DUSLEY 1ST COLLAR
					CEMT- 1-3-5-2-9
0045					TRG. BOTTOM. DROP BULL-CIRC.
					SET 5 1/2" AT 3499' WEST
					COLLAR 1' ABOVE G.L.
0145	750		20	6	Run 20 bbl. 2% HCL H2O
	750		12	6	Run 12 bbl. MUD FLUSH
	750		3	6	Run 3 bbl. H2O
	200		31	6	Run 150 slk 60/40 P02
					18% SAGI, 1/2% CER, 1/4" CELLFIBRE
					5% HCL GELSONITE AT 15.4 PPG
					STOP - WASH LINE - DROP BULL
	200		0	6 1/2	START DISP.
	300		65	6 1/2	LEFT CEMENT
	500		77	3	SLOW RATE
0215	1000		83	3	PLUG DOWN - HELL
					PLUG RAT HOLE - 30 slk 60/40 P02
0300					JOB COMPLETE - KEVIN



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 03501 A

DATE _____ TICKET NO. _____

DATE OF JOB: 1-14-11	DISTRICT: Pratt, KS	NEW WELL <input type="checkbox"/>	OLD WELL <input checked="" type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:
CUSTOMER: LD DRILLING, INC.	LEASE: MARY S.	WELL NO. 17					
ADDRESS:		COUNTY: Barton	STATE: KS				
CITY:		SERVICE CREW: B.E., C. HOS., MACCROD					
AUTHORIZED BY:		JOB TYPE: CWN - SOURCE					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE: 1-27-11 AM: 07:00 PM: 07:00
19801						ARRIVED AT JOB	AM: 07:00 PM: 07:00
19863	1 1/2					START OPERATION	AM: 10:00 PM: 10:00
19826	1 1/2					FINISH OPERATION	AM: 11:30 PM: 11:30
19810						RELEASED	AM: 12:00 PM: 12:00
						MILES FROM STATION TO WELL	65

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

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
19100	COMMON CEMENT	SL	25		1150.00
19100	COMMON CEMENT	SL	30		800.00
19105	CEMENT	14	1		21.00
19112	CEL	16	12		72.00
19129	FLW 372	10	12		90.00
19100	WELDER	HR	10		225.00
19101	TRUCK	HR	120		800.00
19113	TRUCK DELIVERY	HR	713		300.80
19104	WELDER	HR	1		1160.00
19100	WELDER	HR	75		105.00
19103	WELDER SUPERVISOR	HR	1		175.00
19100	WELDER	HR	1		120.00

SUB TOTAL: 3984.20
ALS

CHEMICAL / ACID DATA:		

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

SERVICE REPRESENTATIVE: H. Conway 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. DAWSON, INC. Lease No. _____ Date _____
 Lease: MARY S. Well # 1-9 _____
 Field Order # 3501 Station PRATT, KS Casing 5 1/2" Depth _____ County BARTON State KS
 Type Job CNW - SQUEEZE Formation ARB Legal Description 9-19-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <u>5 1/2"</u>	Tubing Size <u>2 3/8"</u>	Shots/Ft <u>4/57</u>	Acid			RATE	PRESS	ISIP
Depth	Depth	From <u>3412</u>	To <u>3418</u>	Pre Pad	Max			5 Min.
Volume <u>2.2</u>	Volume <u>12.8</u>	From	To	Pad	Min			10 Min.
Max Press	Max Press	From	To	Frac	Avg			15 Min.
Well Connection <u>PRTD</u>	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth <u>3419</u>	Packer Depth <u>3317</u>	From	To	Flush	Gas Volume			Total Load

Customer Representative LD Station Manager SCOTT M Treater GEORGEY

Service Units <u>19907</u>	<u>27463</u>	<u>19826-19860</u>		
Driver Names <u>KS</u>	<u>CITRES</u>	<u>MILCRAW</u>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>0900</u>					<u>ON LOCATION</u>
					<u>SET P.D. - 3319'</u>
					<u>PERFS - 3412-3418</u>
<u>1000</u>	<u>500</u>		<u>16</u>	<u>2</u>	<u>LOAD ANN.</u>
	<u>700</u>		<u>6</u>	<u>3</u>	<u>INI. RATE TBC - 8 BPA - 300th</u>
					<u>MIX CEMENT</u>
<u>1015</u>		<u>50</u>	<u>6</u>	<u>2</u>	<u>2.5 SK. STD 1/2% FLA-322 1/2% CFX</u>
		<u>50</u>	<u>10</u>	<u>2</u>	<u>1/4% DEFRAMER</u>
		<u>50</u>	<u>0</u>	<u>2</u>	<u>50 SK STD</u>
	<u>500</u>		<u>7</u>	<u>2</u>	<u>START DESP. 50 SK CEMENT</u>
<u>1030</u>	<u>700</u>		<u>8</u>	<u>1/4</u>	<u>CATCH P.E. IN</u>
<u>1045</u>	<u>700</u>				<u>2000# - STOP</u>
					<u>STARTING FOR 15 MIN.</u>
					<u>HELD 2000# - RELEASE - HELD</u>
<u>1100</u>	<u>700</u>		<u>15</u>	<u>1</u>	<u>REVERSE OUT - 5 bbl CEMENT</u>
					<u>RUN 4 FS - 3475'</u>
<u>1120</u>	<u>400</u>		<u>25</u>	<u>2</u>	<u>CIRCULATE CLEAN</u>
					<u>PULL TUBING</u>
<u>1200</u>					<u>JOB COMPLETE - LEAVE</u>

KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-684-9709 WICHITA, KS

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY L. D. DRILLING, INC.

LEASE 8-1-9 MARY S.

FIELD KNOP

LOCATION 2310 FSL. & 528 FBL

SECTION 9 T10N R9S J2W

COUNTY BARTON KANSAS

WELL NO. PETROMARK R16.2

DATE 12-30-10 TO 1-7-10

WELL ID 3500 DEPTH 3499

WELL UP 2600 TYPE CHEMICAL

NO. 1837

DEPT. _____

GL. 1832

Measurements Are All From 1837 KB

CASING
SIZES 8 5/8" @ 340'
PREVIOUS 6 1/2" @

ELECTRICAL SURVEYS
DUE TO, DENSON.

SAMPLES SAVED FROM 2800 TO 3500

DRILLING TIME KEPT FROM 2600 TO 3500

SAMPLES EXAMINED FROM 2800 TO 3500

GEOLOGICAL SUPERVISION FROM 2800 TO 3500

GEOLOGIST ON WELL KIM B. SHOEMAKER








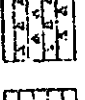

FORMATION - TOPS	LOG	SAMPLES
ANHYDRITE	656+ 1181	
TORPEKA	2659- 822	2661- 824
NEEBNER	3001- 1164	3003- 1166
BROWN LIME	3111- 1278	3112- 1275
LANSING	3126- 1282	3127- 1290
B/KC	3265- 1516	3357- 1520



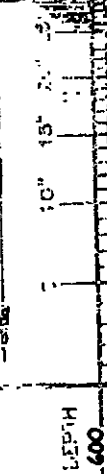
APR 15 009-25493

5000
450
400
350
300
250
200
150
100

LEGEND

-  anhydrite
-  shale
-  sandstone
-  limestone
-  carb. lime
-  limestone
-  dol. lime
-  chert
-  dolerite

DRILLING TIME IN MINUTES
PER FOOT
Also of Penetration Rate



5420' PENETRATIONS

REMARKS

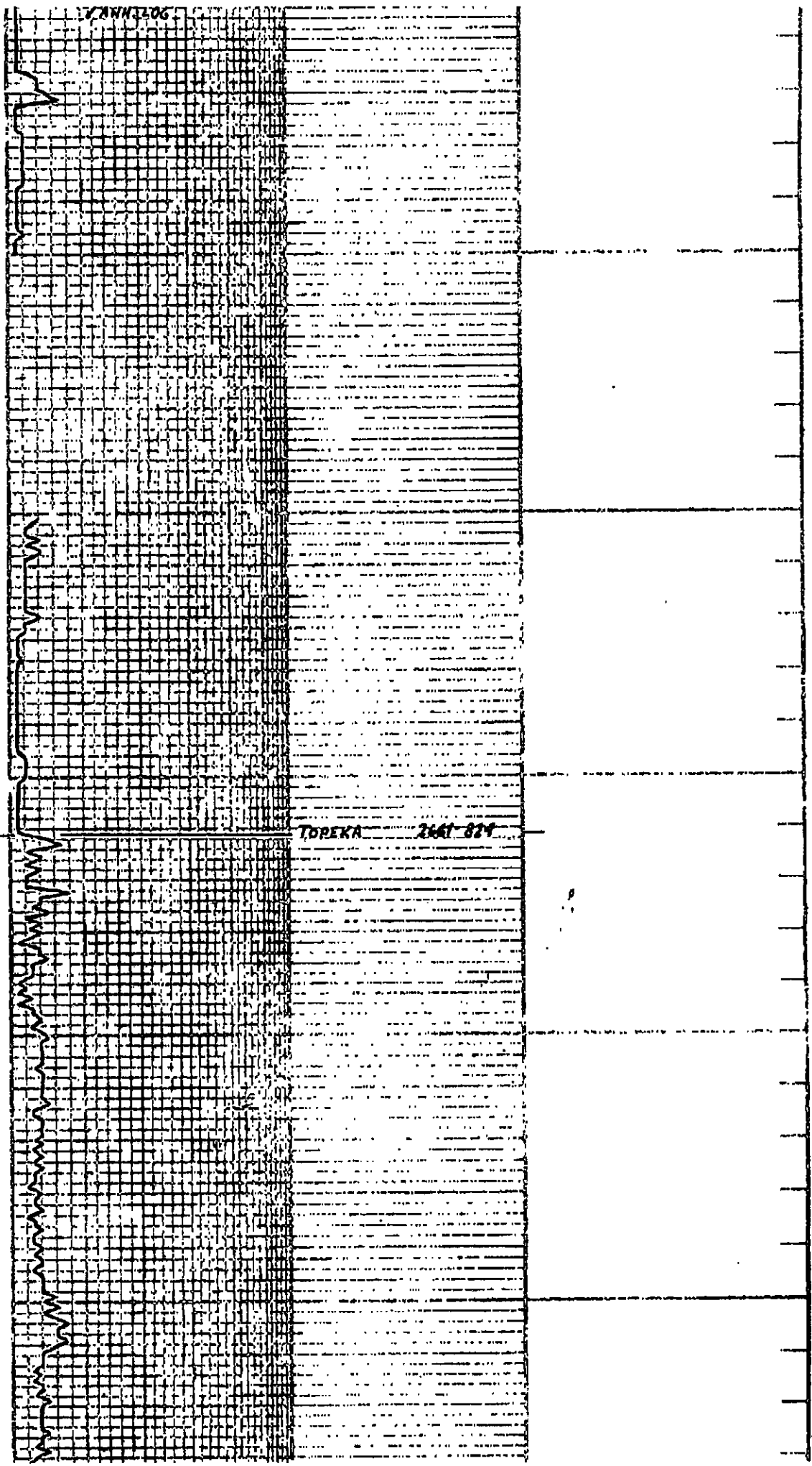
2661-824

700

2600

TOPEKA 2661-824

2700



2800

Samples are Logged

13. G. St. Case

Sh. 012, 02

Sh. 11. 0100 to 300 ch.

13. G. St.

Sh. 114, 12

13. 7. 11. 511 Pass. St. 1317

13. 7. 11. 511 Pass. St. 1317

Sh. 114

13. 7. 11. 511 Pass. St. 1317

2900

Sh. 012, 01

Sh. 114, 12

13. 7. 11. 511 Pass.

Sh. 114

13. 7. 11. 511 Pass. St. 1317

13. 7. 11. 511 Pass.

13. 7. 11. 511 Pass.

3000

HEBNER 3003-1166

Sh. 114, 12

Sh. 114

13. 7. 11. 511 Pass. St. 1317

13. 7. 11. 511 Pass.

TORONTO

DUNGEN

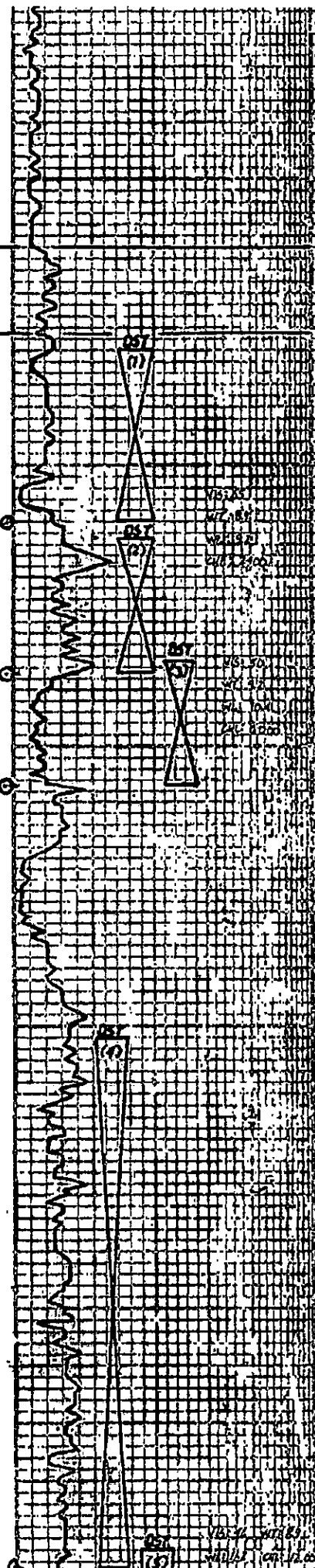
Sh. 114

Sh. 114

3100

3200

3300



3112-1215
 3117-1290
 3185-3207
 3252-3395

Handwritten notes and descriptions in the central column, including 'Brown lime', 'LANSING', and 'DST (1)', 'DST (2)', 'DST (3)', 'DST (4)'. The text is dense and includes various measurements and observations related to the geological log.

DST: run (2) stands of collars 120-129
 DST (1) 3130-3160
 1500: Bottom bucket 1 min.
 1000: Jammed 675 85000 6 1100
 30' 15' 45' 60'
 Run: 280' N60 (107.4.2516.6520)

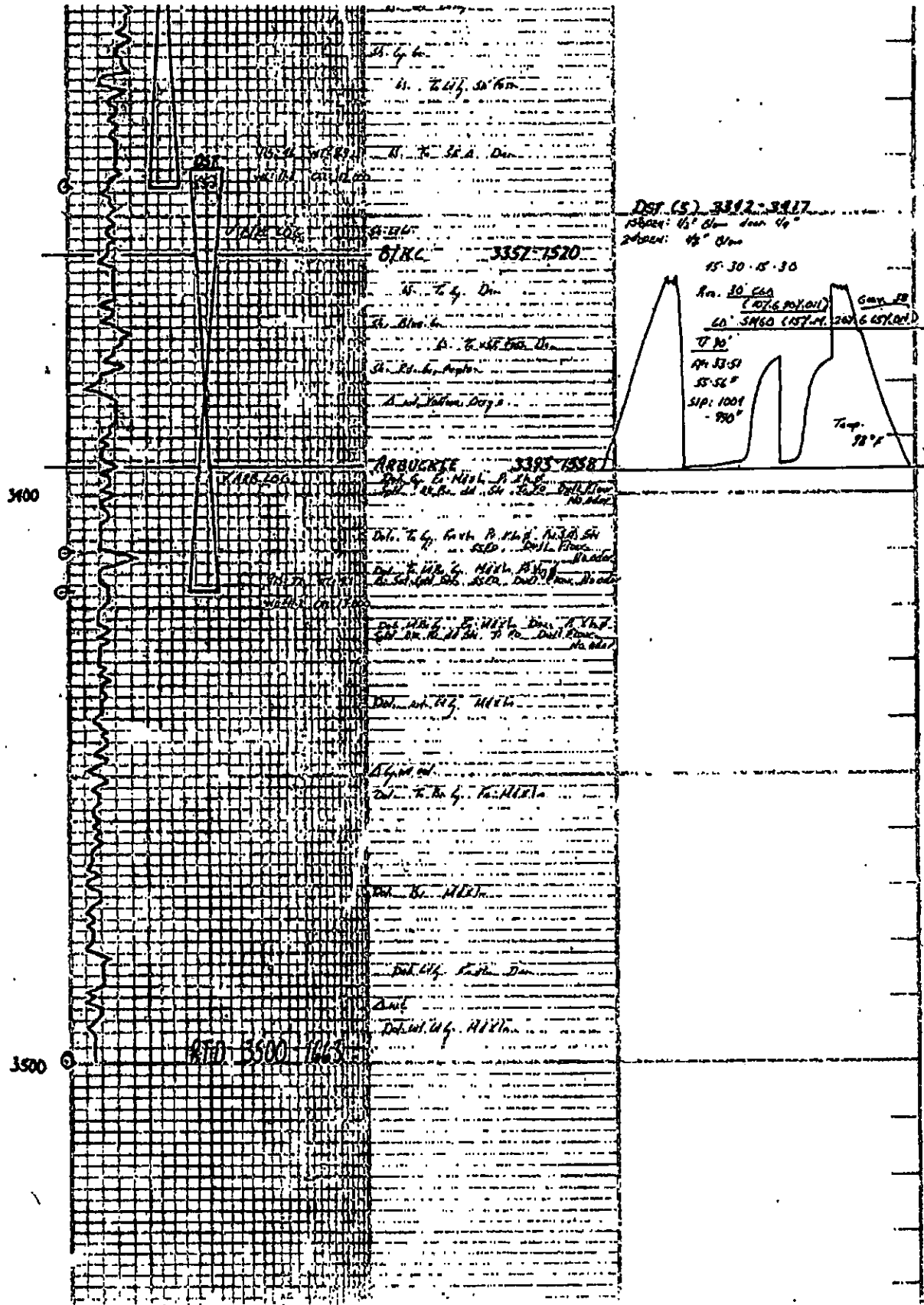
17: 16-73 70-73"
 SIP: 811-836"
 Temp: 104° F

DST (2) 3163-3187
 1500: Bottom bucket 5 min 675 25000 88' 10"
 1000: 675 7100 2 1100 88' 9"
 30' 45' 15' 60'
 Run: 230' S40 (51.6.2476.6045.6045)
 170' 45000 (87.42.7926.8726)

17: 150'
 17: 33-32 97-150"
 SIP: 810-802"
 Temp: 108° F

DST (3) 3185-3207
 1500: Bottom bucket 5 min 88' 10"
 1000: " " " " 88' 10"
 30' 45' 15' 60'
 Run: 300' 61P
 70' 60' (102.6.2100) 40 61P
 800' 60' (102.6.2100) 40 61P
 77' 870'
 SIP: 812-835 310-408"
 61P: 708-716"
 Temp: 115° F

DST (4) 3252-3395
 1500: Bottom bucket 10 min 88' 11"
 1000: " " " " 88' 10"
 30' 45' 15' 60'
 Run: 70' 61P
 270' 3460 (107.4.307.6) 60 61P
 150' 1100 (207.4.751.4) 65 6000
 SIP: 726-717"
 Temp: 108° F



21. 7.217, 50' 6m
 N. to S. d. Din

DST (S) 3312-3417
 3357-3520

N. to S. d. Din
 S. to N. d. Din
 S. to N. d. Din
 S. to N. d. Din

ARBUCKLE 3395-1838

Det. to G. with P. 1/2" to 1/4" sh
 Det. to G. with P. 1/2" to 1/4" sh
 Det. to G. with P. 1/2" to 1/4" sh
 Det. to G. with P. 1/2" to 1/4" sh

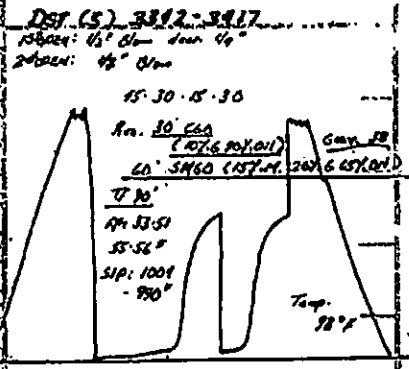
Det. to G. with P. 1/2" to 1/4" sh

Det. to G. with P. 1/2" to 1/4" sh

Det. to G. with P. 1/2" to 1/4" sh

Det. to G. with P. 1/2" to 1/4" sh

Det. to G. with P. 1/2" to 1/4" sh



3400

3500

3500-1463

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: MARY S 1-9

Operator: L D DRILING INC

Location-Downhole:

Location-Surface: S9/19S/12W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D882

Test Unit:

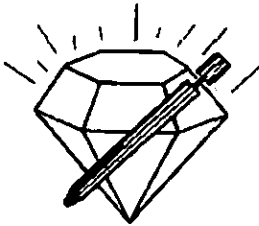
Start Date: 2011/01/03 Start Time: 14:05:00

End Date: 2011/01/03 End Time: 20:20:00

Report Date: 2011/01/03 Prepared By: JOHN RIEDL

Remarks: Qualified By: KIM SHOEMAKER

REMARKS: GAS TO SURFACE 15 MINUTES INTO FINAL FLOW
RECOVERY: 280' MUD+GAS CUT OIL



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 14:05 01/03/11

OFF 20:10 01/03/11

DRILL-STEM TEST TICKET

STC/Marys1-9dst1

Company L D DRILLING INC. Lease & Well No. MARY S 1-9
 Contractor PETROMARK DRLG RIG 2 Charge to L D DRILLING INC
 Elevation 1837 K.B Formation LANSING "B" Effective Pay _____ Ft. Ticket No. D882
 Date 01/03/11 Sec. 9 Twp. 19 S Range 12 W County BARTON State KANSAS
 Test Approved By KIM SHOEMAKER Diamond Representative JOHN C. RIEDL

Formation Test No. 1 Interval Tested from 3130 ft. to 3160 ft. Total Depth 3160 ft.
 Packer Depth 3155 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3160 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3133 ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) 3157 ft. Recorder Number 11073 Cap. 4,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 55 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 8.9 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 2,600 P.P.M. Drill Pipe Length 2988 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 22 ft. Tool Size 3 1/2-1F in.
 Did Well Flow? NO Reversed Out NO Anchor Length 30 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: STRONG (B.O.B 1 MINUTE) FAIR BB
 2nd Open: STRONG (B.O.B 1 MINUTES, GTS 15 MIN. GUAGED 6,000 CF/D) WEAK BB

Recovered 280 ft. of M+GCO (10%MUD 25%GAS 65%OIL)

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 280' (160' IN DRILL PIPE, 120' IN DRILL COLLARS)

Time Set Packer(s) 3:20 P.M A.M. P.M. Time Started Off Bottom 6:20 P.M A.M. P.M. Maximum Temperature 104

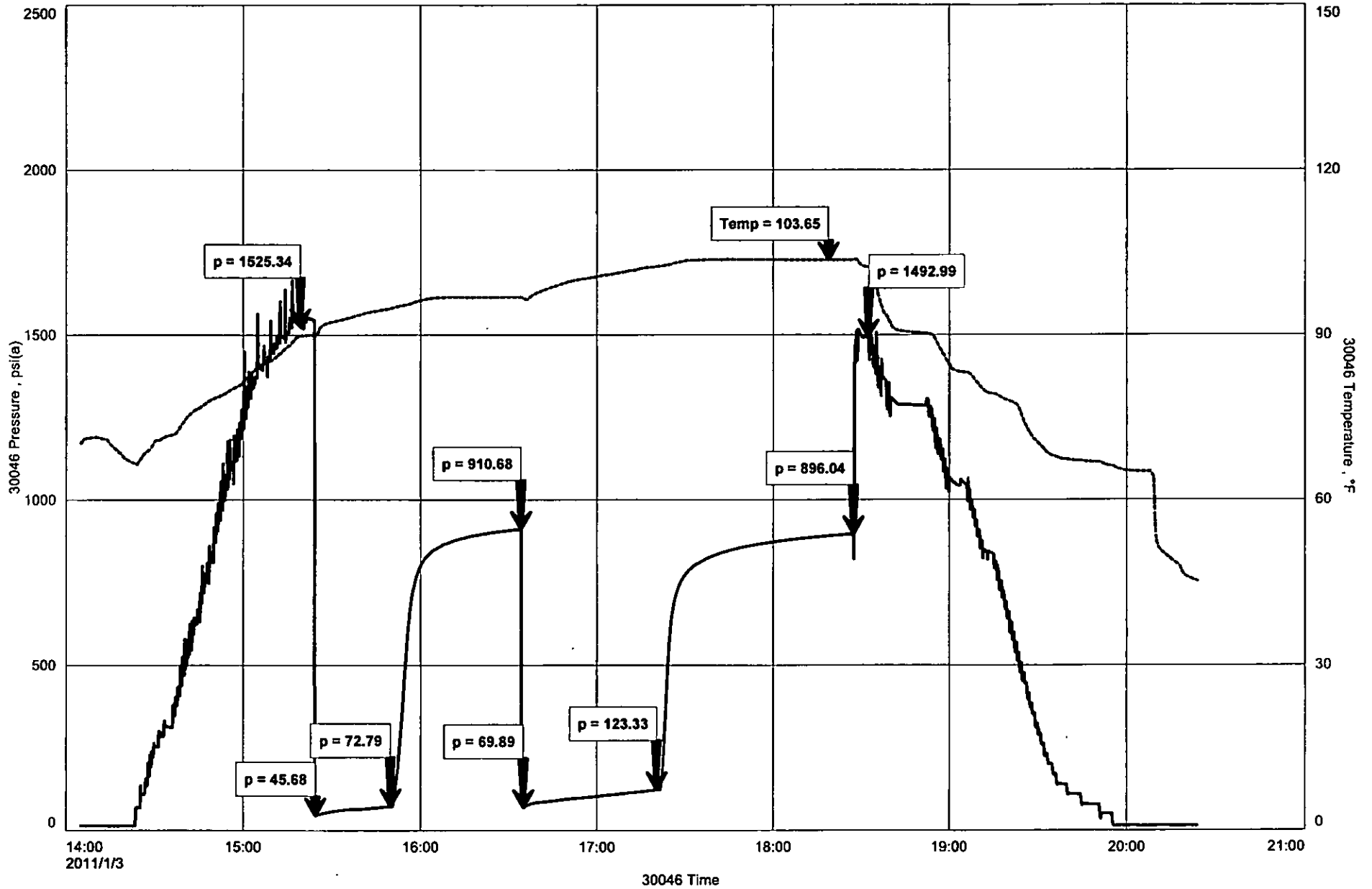
Initial Hydrostatic Pressure (A) 1525 P.S.I.
 Initial Flow Period Minutes 30 (B) 46 P.S.I. to (C) 73 P.S.I.
 Initial Closed In Period Minutes 45 (D) 911 P.S.I.
 Final Flow Period Minutes 45 (E) 70 P.S.I. to (F) 123 P.S.I.
 Final Closed In Period Minutes 60 (G) 896 P.S.I.
 Final Hydrostatic Pressure (H) 1493 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 DRILLING INC
Start Test Date: 2011/01/03
Final Test Date: 2011/01/03

MARY S 1-9
Formation: LANS B
Job Number: D882

MARY S 1-9



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: MARY K 1-9

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S11/19S/12W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D883

Test Unit:

Start Date: 2011/01/04 Start Time: 04:00:00

End Date: 2011/01/04 End Time: 10:40:00

Report Date: 2011/01/04 Prepared By: JOHN RIEDL

Remarks: Qualified By: KIM SHOEMAKER

REMARKS: GAS TO SURFACE 25 MINUTES INTO 1ST FLOW: GUAGED 2 MCF/D
RECOVERY: 230" SLIGHTLY MUD CUT GASSY OIL, 120' SLIGHTLY OIL CUT GASSY WATER



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 04:00 01/04/11

OFF 10:40 01/04/11

DRILL-STEM TEST TICKET

STC/MARys1-9dst2

Company L D DRILLING INC. Lease & Well No. MARY S 1-9
 Contractor PETROMARK DRLG RIG 2 Charge to L D DRILLING INC
 Elevation 1837 K.B Formation LANSING "D" Effective Pay _____ Ft. Ticket No. D883
 Date 01/04/11 Sec. 9 Twp. 19 S Range 12 W County BARTON State KANSAS
 Test Approved By KIM SHOEMAKER Diamond Representative JOHN C. RIEDL

Formation Test No. 2 Interval Tested from 3063 ft. to 3087 ft. Total Depth 3087 ft.
 Packer Depth 3058 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3063 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3066 ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) 3084 ft. Recorder Number 11073 Cap. 4,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 58 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 9 Water Loss 9.5 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 3,000 P.P.M. Drill Pipe Length 2944 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 22 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 24 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: STRONG (B.O.B 5 MINUTE, GTS 25 MIN) STRONG BB
 2nd Open: STRONG (B.O.B 7 MINUTES, GTS THROUGHOUT GUAGED 2,000 CF/D) STRONG BB

Recovered 230 ft. of SLMCGO (5%MUD 30%GAS 65%OIL) 40 GRAVITY @ 60 DEGREES
 Recovered 120 ft. of VSLOC GW (3%OIL 10%GAS 87%WATER) CHLORIDES 65,000Ppm

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID RECOVERY:350'(230' IN DRILL PIPE,120' IN DRILL COLLARS)</u> <u>GAS BURNED VERY WELL</u>	Insurance
	Total

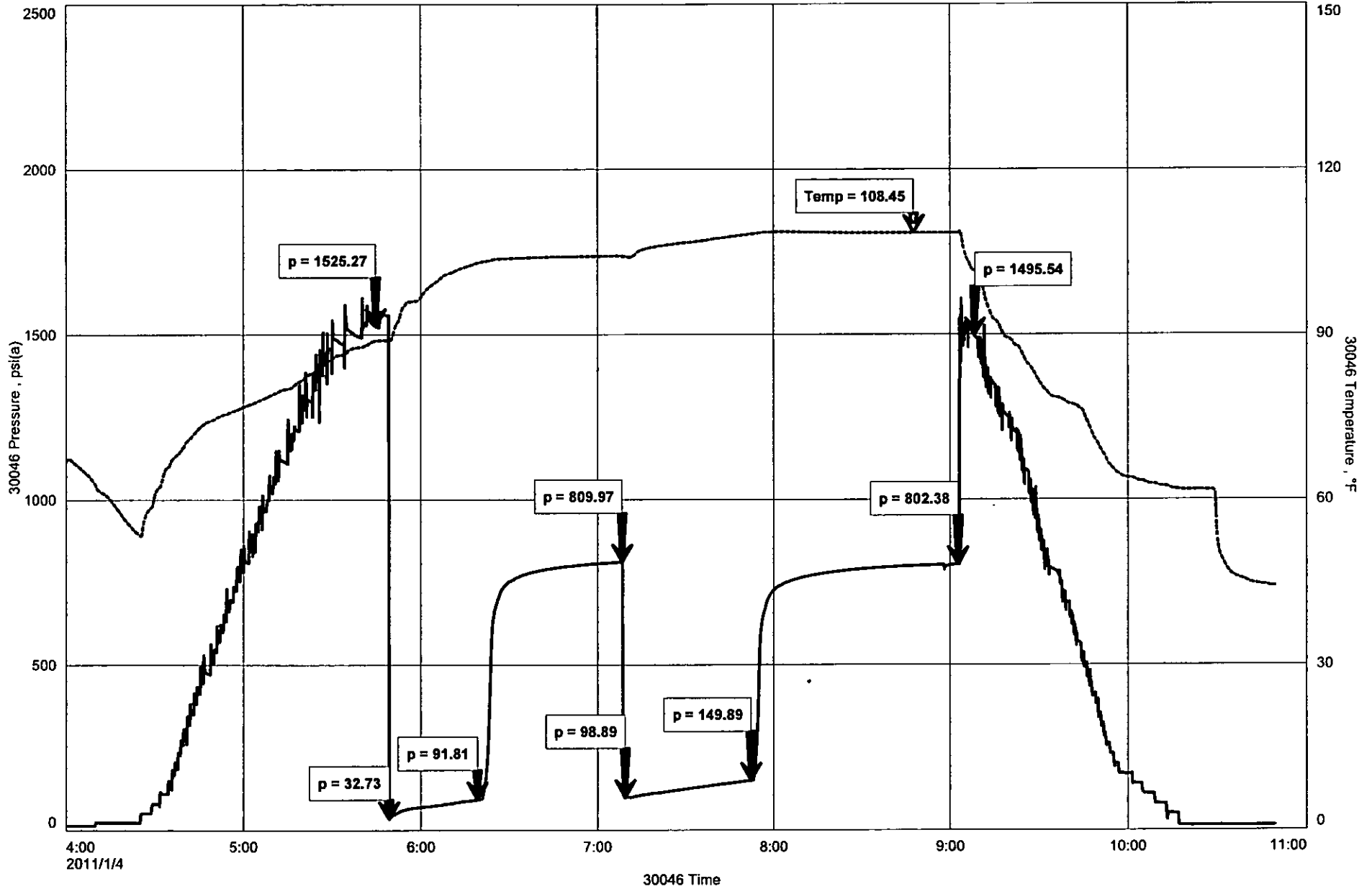
Time Set Packer(s) 5:45 A.M A.M. P.M. Time Started Off Bottom 8:45 A.M A.M. P.M. Maximum Temperature 108
 Initial Hydrostatic Pressure (A) 1525 P.S.I.
 Initial Flow Period Minutes 30 (B) 33 P.S.I. to (C) 92 P.S.I.
 Initial Closed In Period Minutes 45 (D) 810 P.S.I.
 Final Flow Period Minutes 45 (E) 99 P.S.I. to (F) 150 P.S.I.
 Final Closed In Period Minutes 60 (G) 802 P.S.I.
 Final Hydrostatic Pressure (H) 1486 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 DRILLING INC
Start Test Date: 2011/01/04
Final Test Date: 2011/01/04

MARY K 1-9
Formation: LANS "D"
Job Number: D883

MARY K 1-9





DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D884

Company L. D. Drilling, Inc. Lease & Well No. Mary S. No. 1-9

Elevation 1837 KB Formation Lansing "F" Effective Pay -- ft. Ticket No. J2679

Date 1-04-11 Sec. 9 Twp. 19S Range 12W County Barton State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 3,185 ft. to 3,207 ft. Total Depth 3,207 ft.

Packer Depth 3,180 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,185 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,188 ft. Recorder Number 30046 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 3,204 ft. Recorder Number 11073 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

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

Mud Type Chemical Viscosity 50 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 10.4 cc. Drill Pipe Length 3,043 ft. I.D. 3 1/2 in.

Chlorides 6,000 P.P.M. Test Tool Length 22 ft. Tool Size 3 1/2 - JF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 22 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: Strong blow. Off bottom of bucket in 3 mins. Strong blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 4 mins. Strong blow back during shut-in.

Recovered 300 ft. of gas in pipe

Recovered 70 ft. of gassy oil = .996100 bbls. (Grind out: 10%-gas; 90%-oil) Gravity: 40 @ 60°

Recovered 800 ft. of gassy water = 10.266800 bbls. (Grind out: 10%-gas; 90%-water) Chlorides: 80,000 Ppm

Recovered 870 ft. of TOTAL FLUID = 11.262900 bbls.

Recovered ft. of

Remarks

Time Set Packer(s) 6:00 AM P.M. Time Started Off Bottom 9:00 AM P.M. Maximum Temperature 115°

Initial Hydrostatic Pressure (A) 1553 P.S.I.

Initial Flow Period Minutes 30 (B) 84 P.S.I. to (C) 295 P.S.I.

Initial Closed In Period Minutes 45 (D) 708 P.S.I.

Final Flow Period Minutes 45 (E) 310 P.S.I. to (F) 468 P.S.I.

Final Closed In Period Minutes 60 (G) 716 P.S.I.

Final Hydrostatic Pressure (H) 1510 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: MARY S 1-9

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S9/19S/12W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D884

Test Unit:

Start Date: 2011/01/04 Start Time: 16:30:00

End Date: 2011/01/04 End Time: 22:50:00

Report Date: 2011/01/04 Prepared By: JOHN RIEDL

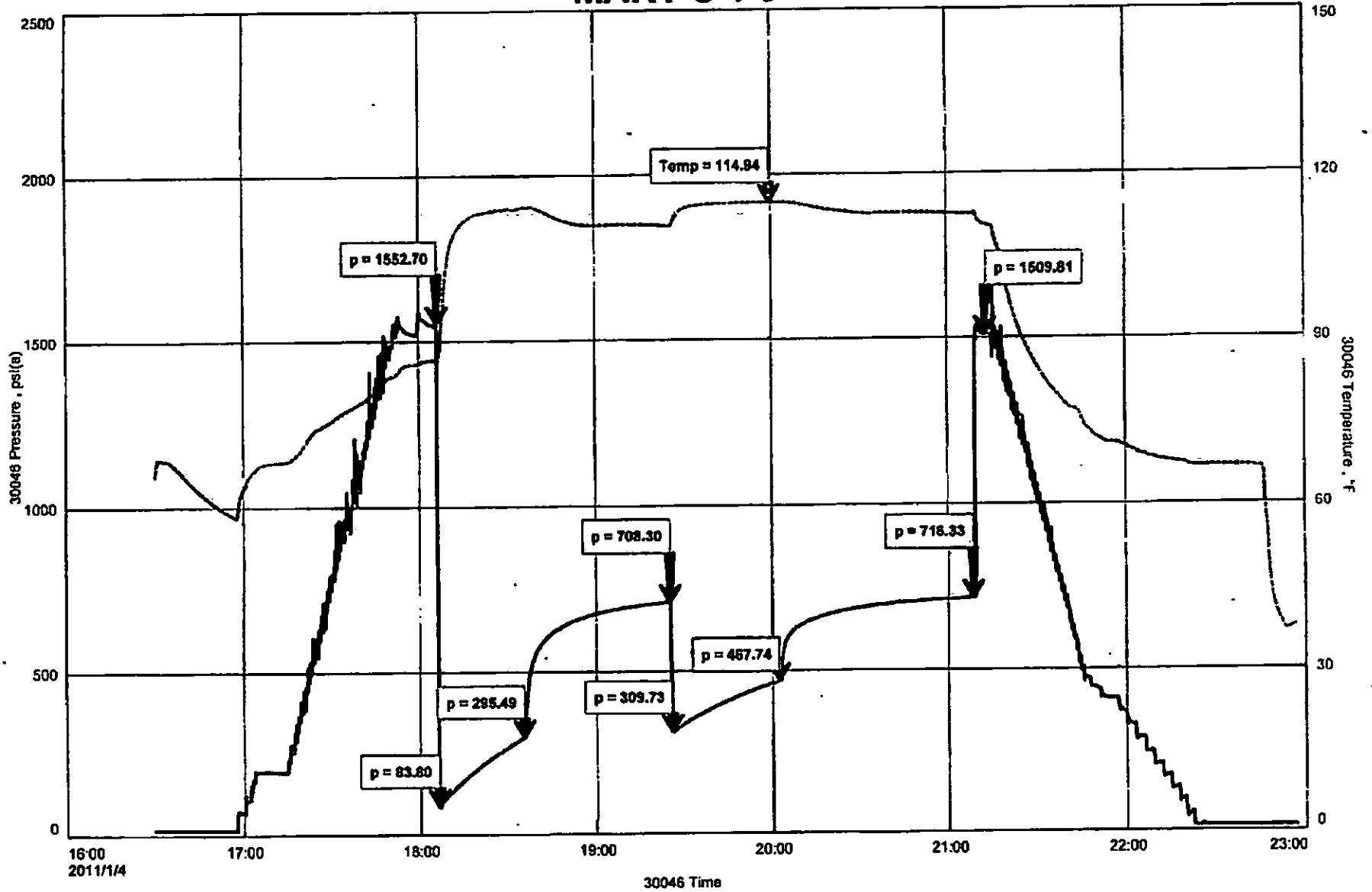
Remarks: Qualified By: KIM SHOEMAKER

RECOVERY: 300' GAS IN PIPE, 70' GAS CUT OIL, 800' GASSY WATER

L D DRILLING INC
Start Test Date: 2011/01/04
Final Test Date: 2011/01/04

MARY S 1-9
Formation: LKC "F"
Job Number: D884

MARY S 1-9



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: MARY S 1-9

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S9/19S/12W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D885

Test Unit:

Start Date: 2011/01/05 Start Time: 10:20:00

End Date: 2011/01/05 End Time: 16:40:00

Report Date: 2011/01/05 Prepared By: JOHN RIEDL

Remarks: Qualified By: KIM SHOEMAKER

RECOVERY: 70' GAS IN PIPE, 280' MUD CUT GASSY OIL
150' MUDDY WATER



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 10:20 01/05/11

OFF 16:40 01/05/11

DRILL-STEM TEST TICKET

STC/MARys1-9dst4

Company L D DRILLING INC. Lease & Well No. MARY S 1-9
 Contractor PETROMARK DRLG RIG 2 Charge to L D DRILLING INC
 Elevation 1837 K.B Formation LKC "H-K" Effective Pay _____ Ft. Ticker No. D885
 Date 01/05/11 Sec. 9 Twp. 19 S Range 12 W County BARTON State KANSAS
 Test Approved By KIM SHOEMAKER Diamond Representative JOHN C. RIEDL

Formation Test No. 4 Interval Tested from 3252 ft. to 3345 ft. Total Depth 3345 ft.
 Packer Depth 3247 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3252 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3255 ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) 3342 ft. Recorder Number 11073 Cap. 4,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 46 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 9 Water Loss 11.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 12,000 P.P.M. Drill Pipe Length 3110 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 22 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 93 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: STRONG (B.O.B 10 MINUTES) STRONG BB
 2nd Open: STRONG (B.O.B 11 MINUTES) STRONG BB

Recovered 70 ft. of GAS IN PIPE
 Recovered 280 ft. of MCGO(10%MUD 30%GAS 60%OIL)
 Recovered 150 ft. of MW (25%MUD 75%WATER) CHLORIDES 65,000Ppm

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID RECOVERY: 430'(310' IN DRILL PIPE, 120' IN DRILL COLLARS)</u>	Insurance
_____	Total

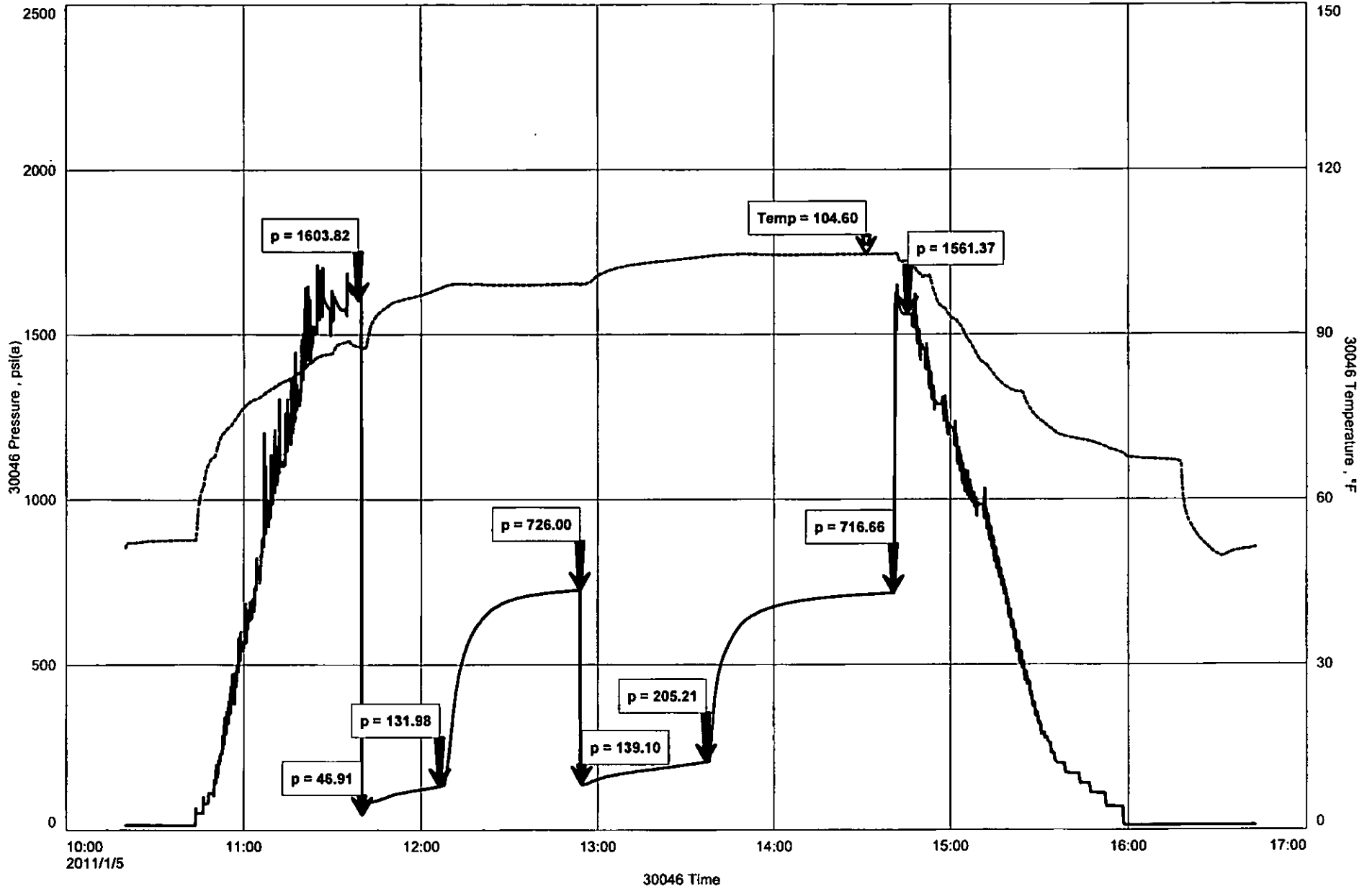
Time Set Packer(s) 11:40 A.M. A.M. Time Started Off Bottom 2:40 P.M. P.M. Maximum Temperature 105
 Initial Hydrostatic Pressure (A) 1604 P.S.I.
 Initial Flow Period Minutes 30 (B) 47 P.S.I. to (C) 135 P.S.I.
 Initial Closed In Period Minutes 45 (D) 726 P.S.I.
 Final Flow Period Minutes 45 (E) 139 P.S.I. to (F) 205 P.S.I.
 Final Closed In Period Minutes 60 (G) 717 P.S.I.
 Final Hydrostatic Pressure (H) 1561 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 DRILLING INC
Start Test Date: 2011/01/05
Final Test Date: 2011/01/05

MARY S 1-9
Formation: LKC "H-K"
Job Number: D885

MARY S 1-9



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: MARY S 1-9

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S9/19S/12W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D886

Test Unit:

Start Date: 2011/01/06 Start Time: 01:45:00

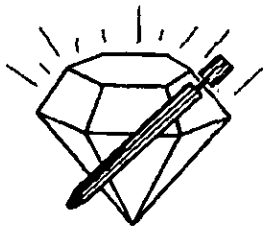
End Date: 2011/01/06 End Time: 07:05:00

Report Date: 2011/01/06 Prepared By: JOHN RIEDL

Qualified By: KIM SHOEMAKER

Remarks:

RECOVERY: 30' CLEAN OIL
60' MUD CUT GASSY OIL



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 01:45 01/06/11

OFF 07:05 01/06/11

DRILL-STEM TEST TICKET

STC/Marys1-9dst5

Company L D DRILLING INC. Lease & Well No. MARY S 1-9

Contractor PETROMARK DRLG RIG 2 Charge to L D DRILLING INC

Elevation 1837 K.B Formation ARBUCKLE Effective Pay _____ Ft. Ticker No. D886

Date 01/06/11 Sec. 9 Twp. 19 S Range 12 W County BARTON State KANSAS

Test Approved By KIM SHOEMAKER Diamond Representative JOHN C. RIEDL

Formation Test No. 5 Interval Tested from 3342 ft. to 3417 ft. Total Depth 3417 ft.

Packer Depth 3337 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3342 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3345 ft. Recorder Number 30046 Cap. 6,000 P.S.I.

Bottom Recorder Depth (Outside) 3414 ft. Recorder Number 11073 Cap. 4,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 50 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Weight 9 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 16,000 P.P.M. Drill Pipe Length 3200 ft. I.D. 3 1/2 in.

Jars: Make BOWEN Serial Number NOT USED Test Tool Length 22 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 75 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: WEAK (1/2" DEC. TO 1/4") NO BB

2nd Open: VERY WEAK (1/8") NO BB

Recovered 30 ft. of GO (10%GAS 90%OIL) 38 GRAVITY @ 60 DEGREES

Recovered 60 ft. of M+GCO (15%MUD 25%GAS 60%OIL)

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 90' IN DRILL COLLARS

Time Set Packer(s) 3:30 A.M. A.M. P.M. Time Started Off Bottom 5:30 A.M. A.M. P.M. Maximum Temperature 98

Initial Hydrostatic Pressure (A) 1625 P.S.I.

Initial Flow Period Minutes 45 (B) 33 P.S.I. to (C) 51 P.S.I.

Initial Closed In Period Minutes 30 (D) 1004 P.S.I.

Final Flow Period Minutes 15 (E) 55 P.S.I. to (F) 56 P.S.I.

Final Closed In Period Minutes 30 (G) 990 P.S.I.

Final Hydrostatic Pressure (H) 1600 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.

MARY S 1-9

