



KANSAS CORPORATION COMMISSION 1062103
OIL & GAS CONSERVATION DIVISION

Form AGO-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: _____

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 #: _____
06/17/2011 6/24/2011 07/18/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-159-22653-00-00
Spot Description: _____
NW SE SE NW Sec. 28 Twp. 19 S. R. 10 East West
2235 Feet from North / South Line of Section
2035 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Rice
Lease Name: THOMAS Well #: 1-28
Field Name: CHASE-SILICA
Producing Formation: LANSING, ARBUCKLE
Elevation: Ground: 1763 Kelly Bushing: 1768
Total Depth: 3400 Plug Back Total Depth: 3376
Amount of Surface Pipe Set and Cemented at: 351 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: 4000 ppm Fluid volume: 320 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. 24 Twp. 20 S. R. 15 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: Deanna Carrico Date: 08/26/2011



1062103

Operator Name: L. D. Drilling, Inc. Lease Name: THOMAS Well #: 1-28
 Sec. 28 Twp. 19 S. R. 10 East West County: Rice

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: DUAL COMPENSATED POROSITY LOG DUAL INDUCTION LOG MICRORESISTIVITY	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached
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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	23	351	60/40 POZMIX	265	2%Gel,3%CC,1/4#CF
PRODUCTION	7.875	5.5	15.5	3403	60/40 POZMIX	180	

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	-3206	COMMON	50	
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	3302-3306	COMMON	50	

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	3304 - 3308'	500 gal 28% HCL NE FE Acid	
4	3302 - 3306'	300 gal 15% NE Acid	
4	3303 - 3306'	1500 gal 20% NE Acid	
4	3056 - 3060'; 3148 - 3152'		
4	3175 - 3181'		

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____	Liner Run: <input type="checkbox"/> Yes <input 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	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> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	THOMAS 1-28
Doc ID	1062103

Tops

ANHYDRITE	433	+1335
BASE ANHYDRITE	452	+1316
TOPEKA	2556	-788
HEEBNER	2822	-1054
TORONTO	2844	-1076
DOUGLAS	2854	-1086
BROWN LIME	2941	-1173
LANSING	2971	-1203
BASE KANSAS CITY	3233	-1465
CONGLOMERATE	3261	-1493
ARBUCKLE	3298	-1530



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 04362 A

28-195-10W

DATE _____ TICKET NO. _____

DATE OF JOB 6-18-11	DISTRICT Pratt, Kansas	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, Incorporated	LEASE Thomas	WELL NO. 28						
ADDRESS	COUNTY Rice	STATE Kansas						
CITY	STATE	SERVICE CREW C. Masiak, M. Mastal, M. McGraw						
AUTHORIZED BY	JOB TYPE: C.N.W. - Surface							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
37,216	.5						6-18-11	1:00
						ARRIVED AT JOB		4:15
27,463	.5					START OPERATION		4:30
						FINISH OPERATION		5:00
19,826-19,860	.5					RELEASED	6-18-11	5:45
						MILES FROM STATION TO WELL	70	

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
PEP 103	60/40 Poz Cement	Sb	265		\$ 3,180.00
PEE 102	Cellflake	Lb	67		\$ 247.90
PEE 104	Calcium Chloride	Lb	684		\$ 718.20
PEF 153	Wooden Plug 8 5/8"	ea	1		\$ 160.00
PE 100	Pick up Airleg	Mi	70		\$ 297.50
PE 101	Heavy Equipment Airleg	Mi	140		\$ 980.00
PE 113	Bulk Delivery	TM	798		\$ 1,276.80
PEE 200	Service Pump - Oper To 500 Feet	HRS	4		\$ 1,000.00
PEE 240	Blending and Mixing Service	Sb	265		\$ 371.00
PEE 504	Plug Container	Job	1		\$ 250.00
PE 5003	Service Supervisor	HRS	8		\$ 175.00

CHEMICAL / ACID DATA:			

SUB TOTAL		715	\$ 6,838.50
SERVICE & EQUIPMENT	% TAX ON \$		
MATERIALS	% TAX ON \$		
TOTAL			

SERVICE REPRESENTATIVE: _____
FIELD SERVICE ORDER NO. _____

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

BASIC

energy services, L.P.

TREATMENT REPORT

Customer L.D. Drilling, Incorporated	Lease No. rated	Date 6-18-11	
Lease Thomas	Well # 1-28		
Field Order # 4362	Station Pratt, Kansas	Gas 5/8" 23lb	Depth 351 Feet
Type Job C.N.W. - Sur. face	Formation	County Rice	State Kansas
		Log Description 28-195-10W	

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME	
Casing Size 8 5/8"	Tubing Size 2 3/4"	Shots/Ft	265 sacks	CEMENT 60/40 Poz	with	RATE	PRESS
Depth 351 Feet	Depth	From	To	38 Calcium Chloride	25lb	5 Min.	Cell plate
Volume 5 Bbl.	Volume	From	To	14.8lb / Gal.	5.18	10 Min.	T. 1st.
Max Press 300 P.S.I.	Max Press	From	To			15 Min.	
Well Connection Plug on anner	Annulus Vol.	From	To			HHP Used	Annulus Pressure
Plug Depth 336 feet	Packer Depth	From	To	Flush	21.5 Bbl. Fresh Water		Total Load

Customer Representative Mickle	Station Manager David Scott	Treater Clarence R. Messick	
Service Units 37,216	27,463	19,826	19,860
Driver Names Messick	Mattal	Mc Graw	

Time A.M.	Casing Pressure	Tubing Pressure	Ebbs. Pumped	Rate	Service Log
2:45					Cemented on location.
3:00					Petromark Drilling start tarun 8 tents 23lb/ft. 8 5/8" new Limited Service Casing
4:15					Trucks on location and hold safety meeting
3:50					Casing in well. Circulate for minutes.
4:35	300				Start Fresh Water pre-flush.
.	300				Start mixing 265 sacks 60/40 Poz cement.
	-0-				Stop pumping. Shut in well. Release Wooden Plug. Open Well.
4:50	100				Start Fresh water Displacement
5:00	300		21.5		Plug down. Shut in well.
					Circulated 5 sacks cement to the pit.
					Wash up pump truck.
5:45					Job complete.
					Thank You
					Clarence, Miltre, Miltre

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energy services, L.P.

TREATMENT REPORT

Customer	L.A. Drilling	Lease No.		Date	6-25-11
Lease	Thomas	Well #	1-28		
Field Order #	4514	Station	Pratt	Casing	3 1/2
				Depth	3403
Type Job	CNW-5 1/2 L.S.	Formation		County	Lin
				State	KS
				Legal Description	28-19-10

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		150 5/8	60/40 PZ	RATE	PRESS
5 1/2							ISIP
Depth	Depth	From	To	30	60/40 PZ	Max	5 Min.
3403						Min	10 Min.
Volume	Volume	From	To			Avg	15 Min.
						HHR Used	Annulus Pressure
Max Press	Max Press	From	To			Gas Volume	Total Load
1500							
Well Connection	Annulus Vol.	From	To				
P.C.							
Plug Depth	Packer Depth	From	To				
3383							

Customer Representative	Jim	Station Manager	Steve Scott	Treater	Steve Orlando
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Service Units	27283	27463	19826	19868				
Driver Names	Orlando	Wiser	PH	YE				

Time	Casing Pressure	Tubing Pressure	Bols. Pumped	Rate	Service Log
10:00 AM	16-24-11				On location - Safety Meeting
					Run 803ts 5 1/2 Csg
					Centralizers 1-3-5-7-9
					Log on Bottom pull w/ toset collar
					Break line w/ Rig
1:25 AM	250		20	5	270 KCL H2O
1:29	250		12	5	mud flush
1:31	200		3	5	H2O:
1:32	200		38	5	Mix 150usls 60/40 PZ @ 15.4 gpm
					Shut Down - Clear Pump & Line
					Release Plug
1:45	0		0	4	Start H2O Displacement
1:55	300		60	5	lift pressure
1:57	500		70	4	Slow Rate
2:00 AM	1500		80.5	4	Plug Down - Held
					Plug R.H w/ 60/40 PZ 30usls
					Job Complete
					Thanks, Steve



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ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET

1718 04614 A

DATE _____ TICKET NO. _____

DATE OF JOB: 7-8-11		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				LEASE: THOMAS				WELL NO. 1-283			
ADDRESS:				COUNTY: RICE				STATE: KS.			
CITY:				STATE:				SERVICE CREW: LESLEY, MITCHELL, BURGARDT			
AUTHORIZED BY:				JOB TYPE: CCSL, OILFIELD REPAIRS							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME		
148570	2.5					ARRIVED AT JOB	7-8-11	PM	8:00		
19903-19905	2.5					START OPERATION		PM	1:30		
19903-21010	2.5					FINISH OPERATION		PM	3:45		
						RELEASED		PM	4:00		
						MILES FROM STATION TO WELL		70			

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
CP 100	COMMON	SK	25		400.00
CP 100	COMMON	SK	25		400.00
CC 105	C 411	lb	10		24.00
CC 112	CEMENT FRICTION REDUCER	lb	12		72.00
CC 129	FLH-322	lb	12		10.00
AK 325	15% HCl 12.112	gal	250		500.00
C 204	CIA-1EP HIGH TEMP. ACID INHIBITOR	gal	1		75.00
E 100	PICKUP	MT	70		297.00
E 101	HEAVY EQUIPMENT RENTAL	MT	140		940.00
E 113	PUMPER/GENERATOR CHARGE	TR	10.8		205.00
CE 204	DEBRIS CHARGE - 300' - 400'	HRS	1-4		2,160.00
CE 210	BLENDING SERVICE CHARGE	SK	50		70.00
5005	SECURE SUPPLY FOR	EA	1		175.00

SUB TOTAL: 4,354.00

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: <i>Michelle Lesley</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

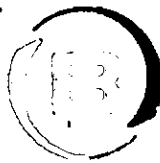
Customer LD DRILLING	Lease No.	Date
Lease THOMAS	Well # 1-28	7-8-2011
Field Order #	Station PRATT, Ks.	Casing 5 1/2"
	Depth	County RICE
		State Ks.
Type Job MSPW - SQUEEZE PERFS	Formation ARKBUCKLE	Legal Description 28-14-10

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size"	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
5 1/2"	2"		25000	15% HCl ACID			
Depth	Depth	From	To	Pre Pad	Max		5 Min.
Volume 2.4 BBL	Volume 12.5	From	To	Pad 25SK COMMON W/FL.	Min		10 Min.
Max Press	Max Press 2000	From	To	Frac 25SK COMMON	Avg		15 Min.
Well Connection	Annulus Vol.	From	To	@ 1.18 CU FT	HHP Used		Annulus Pressure
Plug Depth	Packer Depth 2700	From	To	Flush 15.5 BBL	Gas Volume		Total Load

Customer Representative LD DAVIS	Station Manager D. SCOTT	Treater K. LESLEY
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Service Units	19870	19903	19905	19831	21010
Driver Names	LESLEY	MITCHELL		BURGART	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
12:30 PM					ON LOCATION - SAFETY MEETING
1:20 PM	500		5	3	PSI ON BACKSIDE
1:30 PM		1000	5	.25	ESTABLISH INJECTION RATE
		200	6	2	SPR ACID ON PERFS
		1500	15.5	2	INJECT ACID IN PERFS
			6	2	MIX 25SKS COMMON W/FL. @ 14.0 PPG
			6	2	MIX 25SKS COMMON @ 15.6 PPG
			80	20	START DISPLACEMENT
		2000	7	.25	PSI ↑ WAIT 5 MIN. FELL TO 1000#
		2000	7	.25	PSI ↑ - FELL TO 1500#
		2000	7	.25	PSI ↑ - FELL TO 1700#
		2000	7	.25	PSI ↑ - FELL TO 1800#
3:30 PM		2000	7	.25	PSI ↑ - HELD
3:36 PM		1000	20	3	RELEASE PACKER - REVERSE OUT
					RUN IN LOGS. - WASHOUT CNIT.
3:45 PM		500			PSI ↑ TO 500 PSI - HELD
					JOB COMPLETE,
					THANKS -
					KEVEN LESLEY



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 04615 A

DATE _____ TICKET NO. _____

DATE OF JOB 7-12-2011 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 L.D. DRILLING, INC.		LEASE THOMAS		WELL NO. 1-283					
ADDRESS		COUNTY RICE		STATE KS.					
CITY		STATE		SERVICE CREW (ASKY, (GARDNER) MITCHELL, HUNTER?					
AUTHORIZED BY		JOB TYPE: CE STORE @ STORE New Well							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
19870	1.5						7/12/11	AM	1:00
19967	1.5					ARRIVED AT JOB		AM	8:00
19889-19842	1.5					START OPERATION		AM	8:15
19831-21010	1.5					FINISH OPERATION		AM	7:40
						RELEASED		AM	10:15
						MILES FROM STATION TO WELL			70

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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
CP 100	COMMON	SK	25		400.00
CP 100	COMMON	SK	25		400.00
CP 105	P-41P	lb	6		24.00
CP 103	CEMENT FRICTION REDUCER	lb	12		72.00
CP 129	FLA-332	lb	12		90.00
E 100	PICKUP CHARGE	MI	70		217.50
E 101	HEAVY DUTY DIESEL OIL	MT	140		980.00
E 113	BULK DELIVERY CHARGE	TN	160		268.80
CF 204	DEPTH CHARGE 3000' CASE	HRS	1.4		2,160.00
CF 240	BLENDED SERVICE CHARGE	SK	50		700.00
S 003	SERVICES SUPERVISOR	EA	1		175.00

SUB TOTAL NLS 3,900.77

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE <i>Heather Huskey</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO.	

BASIC

energy services, L.P.

TREATMENT REPORT

Customer LD DRILLING, INC.	Lease No.	Date
Lease THOMAS	Well # 1-28	7-12-2011
Field Order # 4615	Station PRATT, KS.	Casing 5 1/2"
Type Job CCSPW - SQUEEZE PERFS	Formation	Legal Description 28-19-10
	Depth	County RICE
		State KS.

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 5 1/2"	Tubing Size 2 3/8"	Shots/Ft CMTT		-Acid 25SKS COMMUNAL - W/FLUOR	RATE 15.4	PRESS	ISIP
Depth	Depth 3200'	From 3300'	To 3340'	Pre Pad (@) 1.8 CUFT³	Max		5 Min.
Volume	Volume 12.5	From	To	Pad 25SKS COMMUNAL	Min		10 Min.
Max Press 500	Max Press 2100	From	To	Frac (@) 1.18 CUFT³	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth 3200'	From	To	Flush 15 BBL TOTAL	Gas Volume		Total Load

Customer Representative LD DAVIS	Station Manager D. SCOTT	Treater K. LESLEY / K. GURDLEY
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Service Units	19870	19907	19889	19842	19831	21010			
Driver Names	LESLEY	GURDLEY	MITCHELL	HUNTER					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00 AM					ON LOCATION - SAFETY MEETING
8:05 AM					HOOK UP TO WELL HEAD
8:15 AM	500		10	1.5	TEST BACKSIDE
8:20 AM		500	5	1.5	ESTABLISH INJECTION RATE
8:25 AM		500	6	1.5	MIX 25SKS COMMUNAL W/FL @ 15.4 PPG
8:27 AM		300	5	1.5	MIX 25SKS COMMUNAL @ 15.6 PPG
8:30 AM					START DISPLACEMENT
8:36 AM		500	8	1.5	PRESSURE UP
		300	9	.5	STAGE ON SQUEEZE
		2000	9	.5	PRESSURE ↑
		2000	10	.5	PRESSURE ↑
		2000	10	.5	PRESSURE ↑
9:25 AM					OPEN RELEASE - DIDN'T COME BACK
9:30 AM			20	2	RELEASE PACKER - REVERSE CMTT. OUT
					RUN WTS. TRG. IN
9:40 AM			30	2	WASH OUT CMTT
9:50 AM		300			PSI UP ON SQUEEZE
					JOB COMPLETE,
					THANKS -
					KEVEN LESLEY

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOAH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: THOMAS 1-28

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S28/19S/10W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D980

Test Unit:

Start Date: 2011/06/20 Start Time: 13:30:00

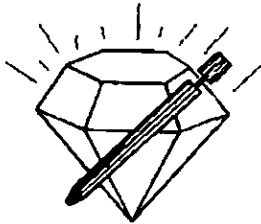
End Date: 2011/06/20 End Time: 19:00:00

Report Date: 2011/06/20 Prepared By: JOHN RIEDL

Qualified By: JOSH AUSTIN

Remarks:

RECOVERY: 10' DRILLING MUD



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 13:30 6/20/11

OFF 19:00 6/20/11

DRILL-STEM TEST TICKET

STC/Thomas1-28dst1

Company L D DRILLING INC Lease & Well No. THOMAS 1-28
 Contractor PETROMARK RIG 2 Charge to L D DRILLING INC
 Elevation 1763 K.B Formation DOUGLAS SAND Effective Pay _____ Ft. Ticket No. D980
 Date 6/20/11 Sec. 28 Twp. 19 S Range 10 W County RICE State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 1 Interval Tested from 2853 ft. to 2900 ft. Total Depth 2900 ft.
 Packer Depth 2848 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 2853 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 2856 ft. Recorder Number 30046 Cap. 6000 P.S.I.
 Bottom Recorder Depth (Outside) 2897 ft. Recorder Number 11073 Cap. 4000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 68 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 8.7 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 2,000 P.P.M. Drill Pipe Length 2713 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 47 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 (DEAD 15 MINUTES) NO BB
 2nd Open: WEAK (DEAD 2 MINUTES) NO BB

Recovered 10 ft. of DRILLING MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 10' IN DRILL COLLAR

Time Set Packer(s) 2:45 P.M ^{A.M.}/_{P.M.} Time Started Off Bottom 4:45 P.M ^{A.M.}/_{P.M.} Maximum Temperature 102

Initial Hydrostatic Pressure (A) 1332 P.S.I.

Initial Flow Period Minutes 30 (B) 26 P.S.I. to (C) 30 P.S.I.

Initial Closed In Period Minutes 30 (D) 40 P.S.I.

Final Flow Period Minutes 30 (E) 33 P.S.I. to (F) 43 P.S.I.

Final Closed In Period Minutes 30 (G) 43 P.S.I.

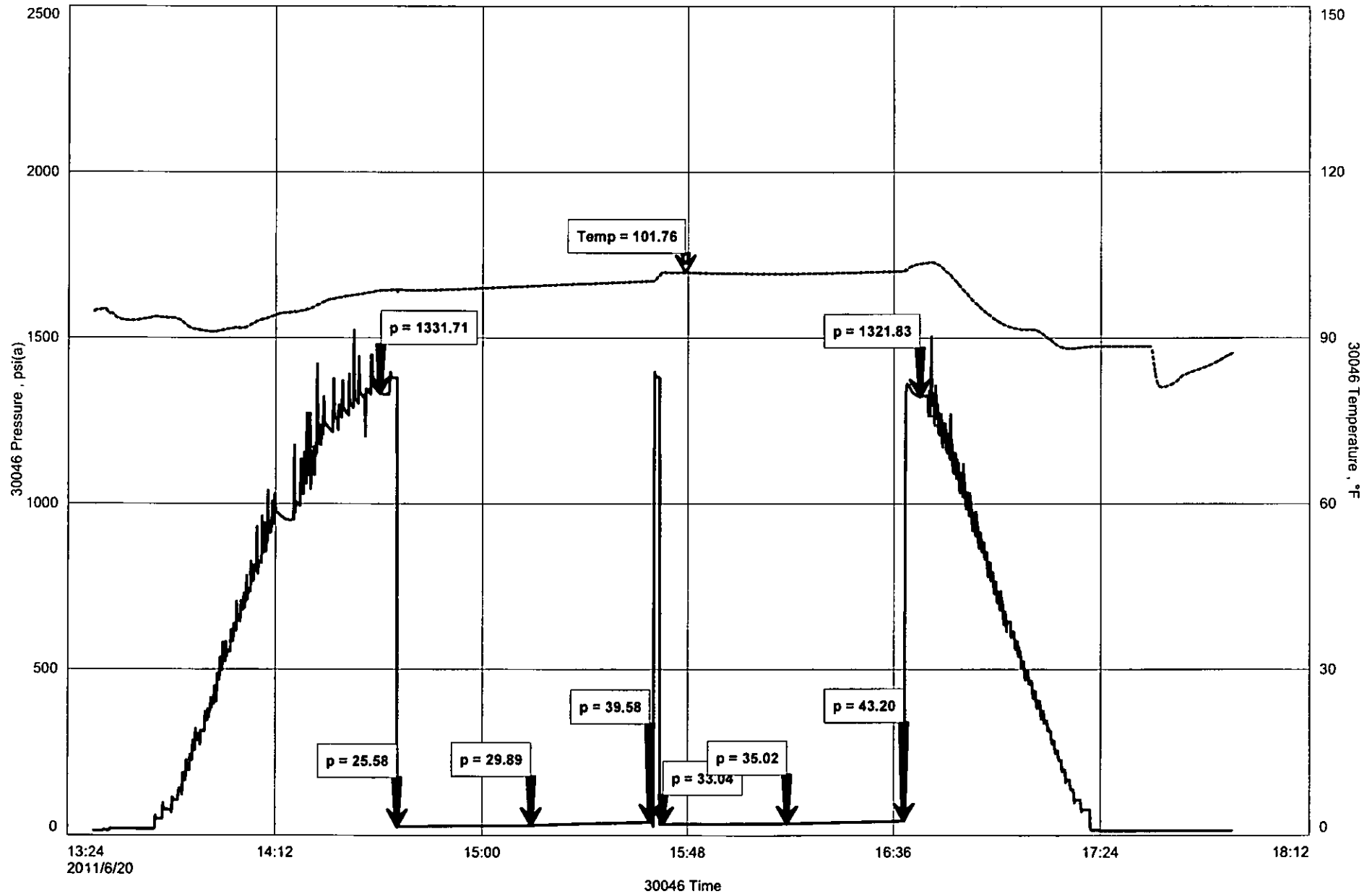
Final Hydrostatic Pressure (H) 1322 P.S.I.

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: 2011/06/20
Final Test Date: 2011/06/20

THOMAS 1-28
Formation: DOUGLAS SAND
Job Number: D980

THOMAS 1-28



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: THOMAS 1-28

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S28/19S/10W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D981

Test Unit:

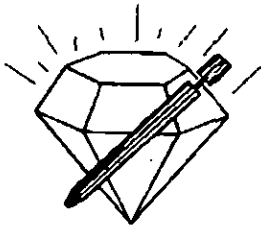
Start Date: 2011/06/21 Start Time: 05:00:00

End Date: 2011/06/21 End Time: 10:10:00

Report Date: 2011/06/21 Prepared By: JOHN RIEDL

Remarks: Qualified By: JOSH AUSTIN

RECOVERY: 20' DRILLING MUD



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

ON 05:00 6/21/11

OFF 10:10 6/21/11

DRILL-STEM TEST TICKET

STC/THomas1-28dst2

Company L.D DRILLING INC Lease & Well No. THOMAS 1-28
 Contractor PETROMARK RIG 2 Charge to L D DRILLING INC
 Elevation 1763 K.B Formation LANSING A-F Effective Pay _____ Ft. Ticket No. D981
 Date 6/21/11 Sec. 28 Twp. 19 S Range 10 W County RICE State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 2 Interval Tested from 2949 ft. to 3043 ft. Total Depth 3043 ft.
 Packer Depth 2944 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 2949 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 2952 ft. Recorder Number 30046 Cap. 6000 P.S.I.
 Bottom Recorder Depth (Outside) _____ 3040 ft. Recorder Number 11073 Cap. 4000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 60 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 9 Water Loss 8.9 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 3,000 P.P.M. Drill Pipe Length 2809 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 94 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 (DEAD 15 MINUTES) NO BB
 2nd Open: WEAK (1/4" THROUGHOUT) NO BB

Recovered 20 ft. of DRILLING MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 20' IN DRILL COLLARS

	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 6:30 A.M A.M. P.M. Time Started Off Bottom 8:30 A.M A.M. P.M. Maximum Temperature 104

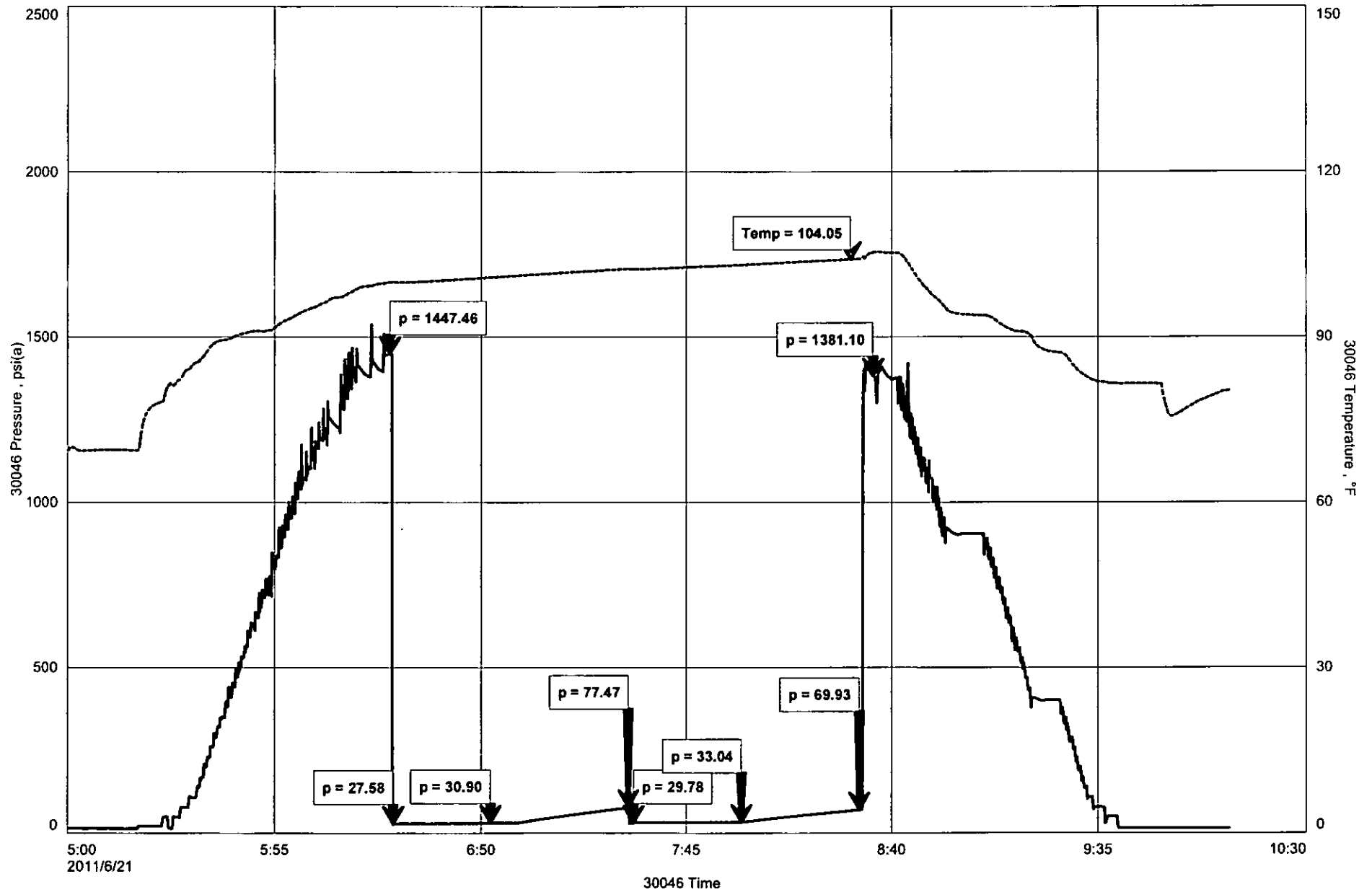
Initial Hydrostatic Pressure (A) 1447 P.S.I.
 Initial Flow Period Minutes 30 (B) 28 P.S.I. to (C) 31 P.S.I.
 Initial Closed In Period Minutes 30 (D) 77 P.S.I.
 Final Flow Period Minutes 30 (E) 30 P.S.I. to (F) 33 P.S.I.
 Final Closed In Period Minutes 30 (G) 70 P.S.I.
 Final Hydrostatic Pressure (H) 1381 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: 2011/06/21
Final Test Date: 2011/06/21

THOMAS 1-28
Formation: LANSING A-F
Job Number: D981

THOMAS 1-28



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: THOMAS 1-28

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S28/19S/10W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D982

Test Unit:

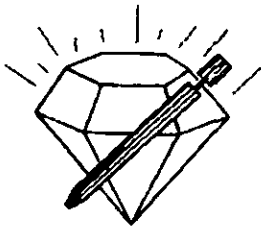
Start Date: 2011/06/21 Start Time: 15:00:00

End Date: 2011/06/21 End Time: 20:30:00

Report Date: 2011/06/21 Prepared By: JOHN RIEDL

Remarks: Qualified By: JOSH AUSTIN

RECOVERY: 600' GAS IN PIPE, 70' SLIGHTLY OIL CUT GASSY MUD



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 15:00 6/21/11

OFF 20:3 6/21/11

DRILL-STEM TEST TICKET

STC/Thomas1-28dst3

Company L D DRILLING INC Lease & Well No. THOMAS 1-28
 Contractor PETROMARK RIG 2 Charge to L D DRILLING INC
 Elevation 1763 K.B Formation LANSING "G" Effective Pay _____ Ft. Ticket No. D982
 Date 6/21/11 Sec. 28 Twp. 19 S Range 10 W County RICE State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 3 Interval Tested from 3045 ft. to 3066 ft. Total Depth 3066 ft.
 Packer Depth 3040 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3045 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3048 ft. Recorder Number 30046 Cap. 6000 P.S.I.
 Bottom Recorder Depth (Outside) _____ 3063 ft. Recorder Number 11073 Cap. 4000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 62 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 9.1 Water Loss 8.5 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 3,000 P.P.M. Drill Pipe Length 2905 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 21 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 3 MINUTES) NO BB
 2nd Open: STRONG (B.O.B 5 MINUTES) WEAK BB

Recovered 600 ft. of GAS IN PIPE
 Recovered 70 ft. of SLOGGM (3%OIL 10%GAS 87%MUD)

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: <u>TOTAL FLUID RECOVERY: 70' IN DRILL COLLARS)</u>	
	Total

Time Set Packer(s) 4:15 P.M A.M. P.M. Time Started Off Bottom 7:15 P.M A.M. P.M. Maximum Temperature 107

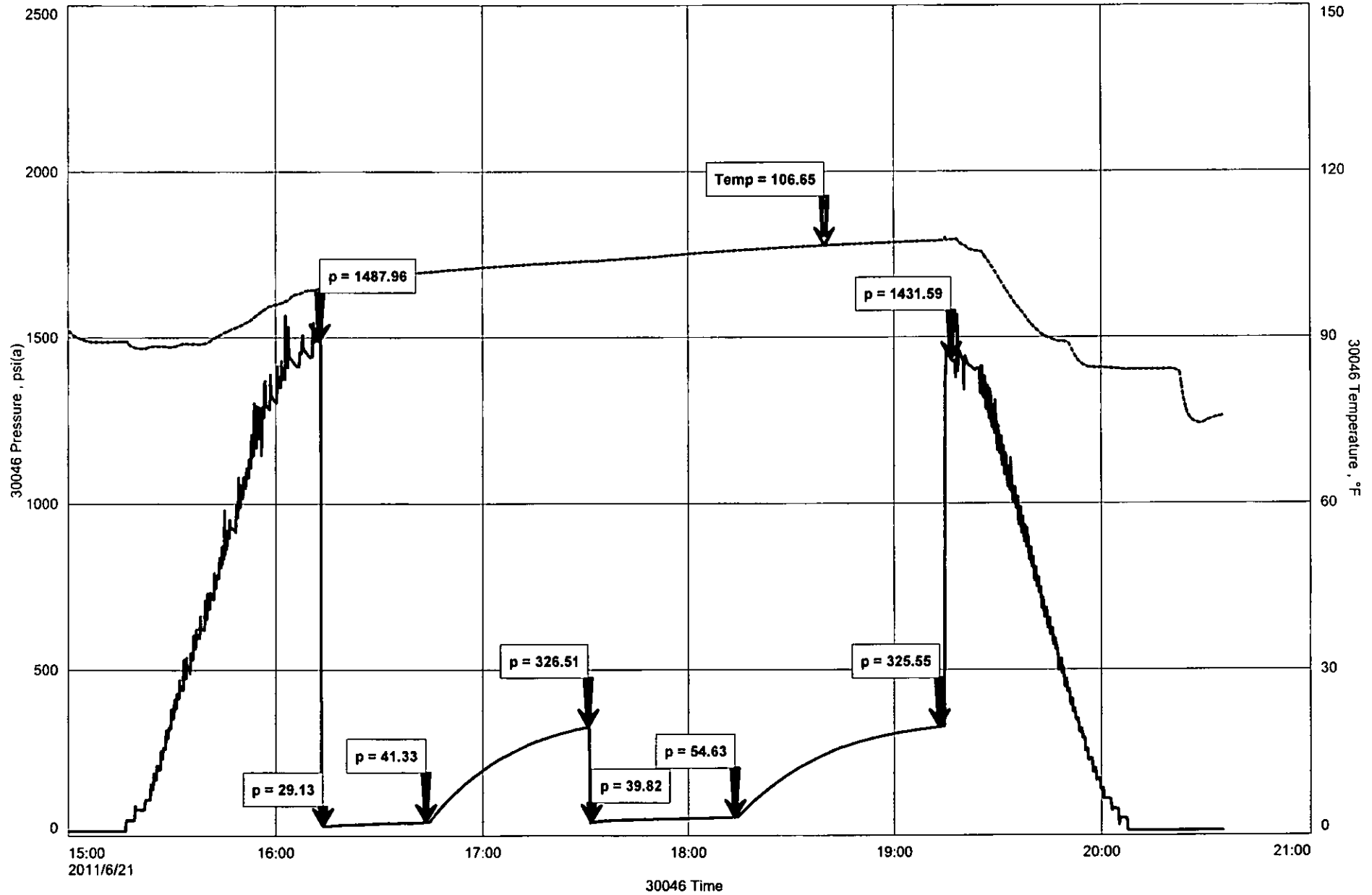
Initial Hydrostatic Pressure (A) 1488 P.S.I.
 Initial Flow Period Minutes 30 (B) 29 P.S.I. to (C) 41 P.S.I.
 Initial Closed In Period Minutes 45 (D) 327 P.S.I.
 Final Flow Period Minutes 45 (E) 40 P.S.I. to (F) 55 P.S.I.
 Final Closed In Period Minutes 60 (G) 326 P.S.I.
 Final Hydrostatic Pressure (H) 1432 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: 2011/06/21
Final Test Date: 2011/06/21

THOMAS 1-28
Formation: LANSING G
Job Number: D982

THOMAS 1-28



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: THOMAS 1-28

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S28/19S/10W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D983

Test Unit:

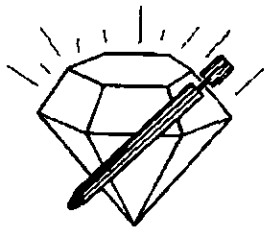
Start Date: 2011/06/22 Start Time: 07:00:00

End Date: 2011/06/22 End Time: 12:35:00

Report Date: 2011/06/22 Prepared By: JOHN RIEDL

Remarks: Qualified By: JOSH AUSTIN

RECOVERY: 60' GAS IN PIPE, 60' GAS CUT MUD



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 07:00 6/22/11

OFF 12:35 6/22/11

DRILL-STEM TEST TICKET

STC/Thomas1-28ds4

Company L.D DRILLING INC Lease & Well No. THOMAS 1-28
 Contractor PETROMARK RIG 2 Charge to L D DRILLING INC
 Elevation 1763 K.B Formation LANSING "H,I,J" Effective Pay _____ Ft. Ticket No. D983
 Date 6/22/11 Sec. 28 Twp. 19 S Range 10 W County RICE State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 4 Interval Tested from 3098 ft. to 3169 ft. Total Depth 3169 ft.
 Packer Depth 3093 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3098 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number 30046 Cap. 3166 P.S.I.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number 11073 Cap. 4000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 61 Drill Collar Length 120 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 3,000 P.P.M. Drill Pipe Length 2958 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 71 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: FAIR (4") NO BB
 2nd Open: FAIR (5") NO BB

Recovered 60 ft. of GAS IN PIPE
 Recovered 60 ft. of GM (10%GAS 90%MUD)

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID RECOVERY : 60' IN DRILL PIPE</u>	Insurance
_____	Total

Time Set Packer(s) 8:15 A.M A.M. P.M. Time Started Off Bottom 11:00 A.M A.M. P.M. Maximum Temperature 107

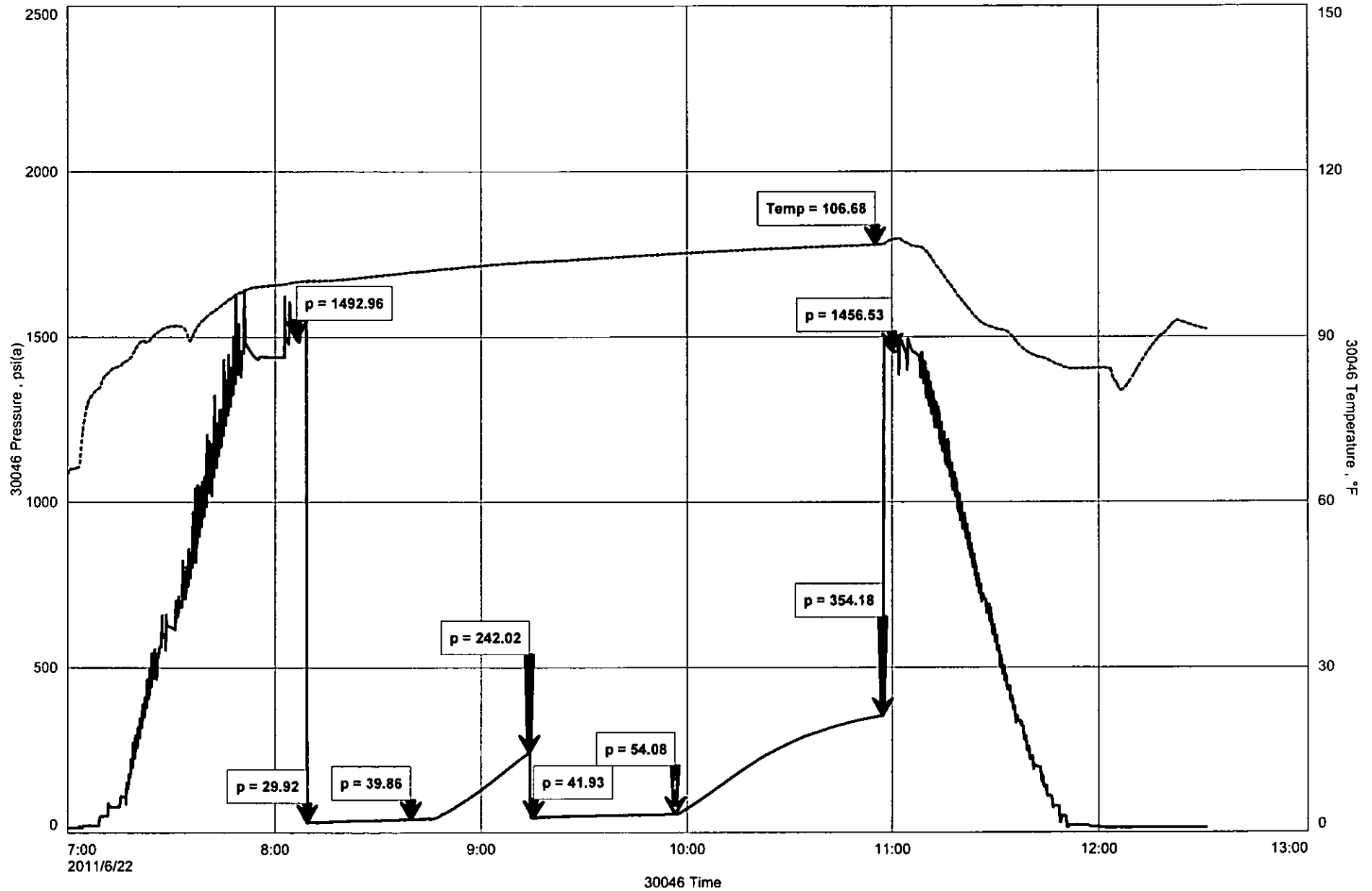
Initial Hydrostatic Pressure (A) 1493 P.S.I.
 Initial Flow Period Minutes 30 (B) 30 P.S.I. to (C) 40 P.S.I.
 Initial Closed In Period Minutes 30 (D) 242 P.S.I.
 Final Flow Period Minutes 45 (E) 42 P.S.I. to (F) 54 P.S.I.
 Final Closed In Period Minutes 60 (G) 354 P.S.I.
 Final Hydrostatic Pressure (H) 1457 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: 2011/06/22
Final Test Date: 2011/06/22

THOMAS 1-28
Formation: LKC H-J"
Job Number: D983

THOMAS 1-28



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: THOMAS 1-28

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S28/19S/10W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D984

Test Unit:

Start Date: 2011/06/23 Start Time: 02:00:00

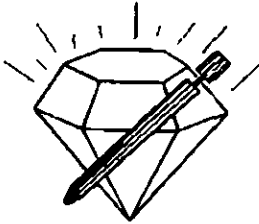
End Date: 2011/06/23 End Time: 08:00:00

Report Date: 2011/06/23 Prepared By: JOHN RIEDL

Qualified By: JOSH AUSTIN

Remarks:

RECOVERY: 260' GAS IN PIPE, 200' GASSY OIL



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

ON 02:00 6/23/11

OFF 8:00 6/23/11

DRILL-STEM TEST TICKET

STC/Thomas1-28ds5

Company L. D DRILLING INC Lease & Well No. THOMAS 1-28
 Contractor PETROMARK RIG 2 Charge to L D DRILLING INC
 Elevation 1763 K.B Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. D984
 Date 6/23/11 Sec. 28 Twp. 19 S Range 10 W County RICE State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 5 Interval Tested from 3232 ft. to 3305 ft. Total Depth 3305 ft.
 Packer Depth 3227 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3232 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number 30046 Cap. 3166 P.S.I.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number 11073 Cap. 4000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 67 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 9 Water Loss 8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 4,000 P.P.M. Drill Pipe Length 3092 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 20 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: STRONG (10") WEAK BB
 2nd Open: STRONG (11") WEAK BB

Recovered 560 ft. of GAS IN PIPE
 Recovered 200 ft. of SLMCGO (5%MUD 25%GAS 70%OIL) 42 GRAVITY @ 60 DEGREES

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID RECOVERY: 200' (80' IN DRILL PIPE, 120' IN DRILL COLLARS)</u>	Insurance
_____	Total

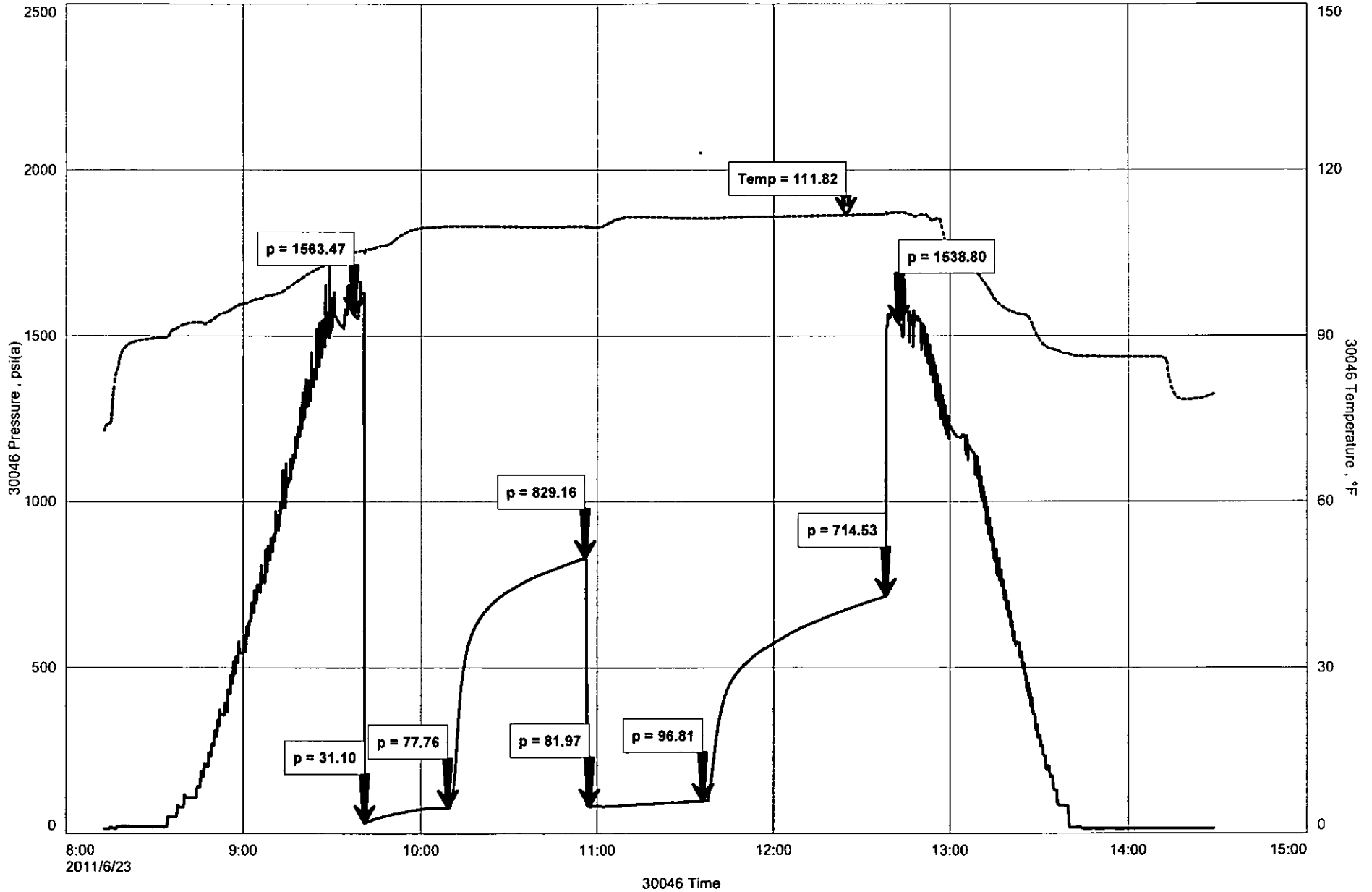
Time Set Packer(s) 3:20 A.M. A.M. P.M. Time Started Off Bottom 6:20 A.M. A.M. P.M. Maximum Temperature 112
 Initial Hydrostatic Pressure (A) 1564 P.S.I.
 Initial Flow Period Minutes 30 (B) 31 P.S.I. to (C) 78 P.S.I.
 Initial Closed In Period Minutes 45 (D) 829 P.S.I.
 Final Flow Period Minutes 45 (E) 82 P.S.I. to (F) 97 P.S.I.
 Final Closed In Period Minutes 60 (G) 715 P.S.I.
 Final Hydrostatic Pressure (H) 1538 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: 2011/06/23
Final Test Date: 2011/06/23

THOMAS 1-28
Formation: ARBUCKLE
Job Number: D984

THOMAS 1-28



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: THOMAS 1-28

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S28/19S/10W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D985

Test Unit:

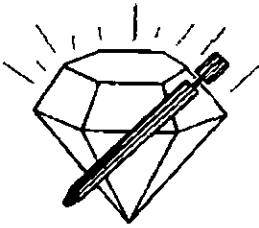
Start Date: 2011/06/23 Start Time: 13:00:00

End Date: 2011/06/23 End Time: 18:45:00

Report Date: 2011/06/23 Prepared By: JOHN RIEDL

Remarks: Qualified By: JOSH AUSTIN

RECOVERY: 500' GAS IN PIPE, 230' SLIGHTLY MUD CUT GASSY OIL



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 13:00 6/23/11

OFF 18:50 6/23/11

DRILL-STEM TEST TICKET

STC/THomas1-28ds6

Company L D DRILLING INC Lease & Well No. THOMAS 1-28

Contractor PETROMARK RIG 2 Charge to L D DRILLING INC

Elevation 1763 K.B Formation ARBUCKLE Effective Pay _____ Ft. Ticker No. D985

Date 6/23/11 Sec. 28 Twp. 19 S Range 10 W County RICE State KANSAS

Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 6 Interval Tested from 3232 ft. to 3312 ft. Total Depth 3312 ft.

Packer Depth 3227 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3232 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3235 ft. Recorder Number 30046 Cap. 3166 P.S.I.

Bottom Recorder Depth (Outside) 3309 ft. Recorder Number 11073 Cap. 4000 P.S.I.

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

Mud Type CHEMICAL Viscosity 62 Drill Collar Length 120 ft. I.D. 2 1/4 in.

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

Chlorides 4,000 P.P.M. Drill Pipe Length 3092 ft. I.D. 3 1/2 in.

Jars: Make BOWEN Serial Number NOT USED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 80 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 (10") NO BB

2nd Open: STRONG (B.O.B 40 MINUTES) WEAK BB

Recovered 500 ft. of GAS IN PIPE

Recovered 230 ft. of SLMCGO (5%MUD 35%GAS 60%OIL) 42 GRAVITY

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 230' (110' IN DRILL PIPE, 120' IN DRILL COLLARS)

Time Set Packer(s) 2:15 P.M A.M. P.M. Time Started Off Bottom 5:15 P.M A.M. P.M. Maximum Temperature 108

Initial Hydrostatic Pressure (A) 1576 P.S.I.

Initial Flow Period Minutes 30 (B) 49 P.S.I. to (C) 94 P.S.I.

Initial Closed In Period Minutes 45 (D) 741 P.S.I.

Final Flow Period Minutes 45 (E) 105 P.S.I. to (F) 113 P.S.I.

Final Closed In Period Minutes 60 (G) 652 P.S.I.

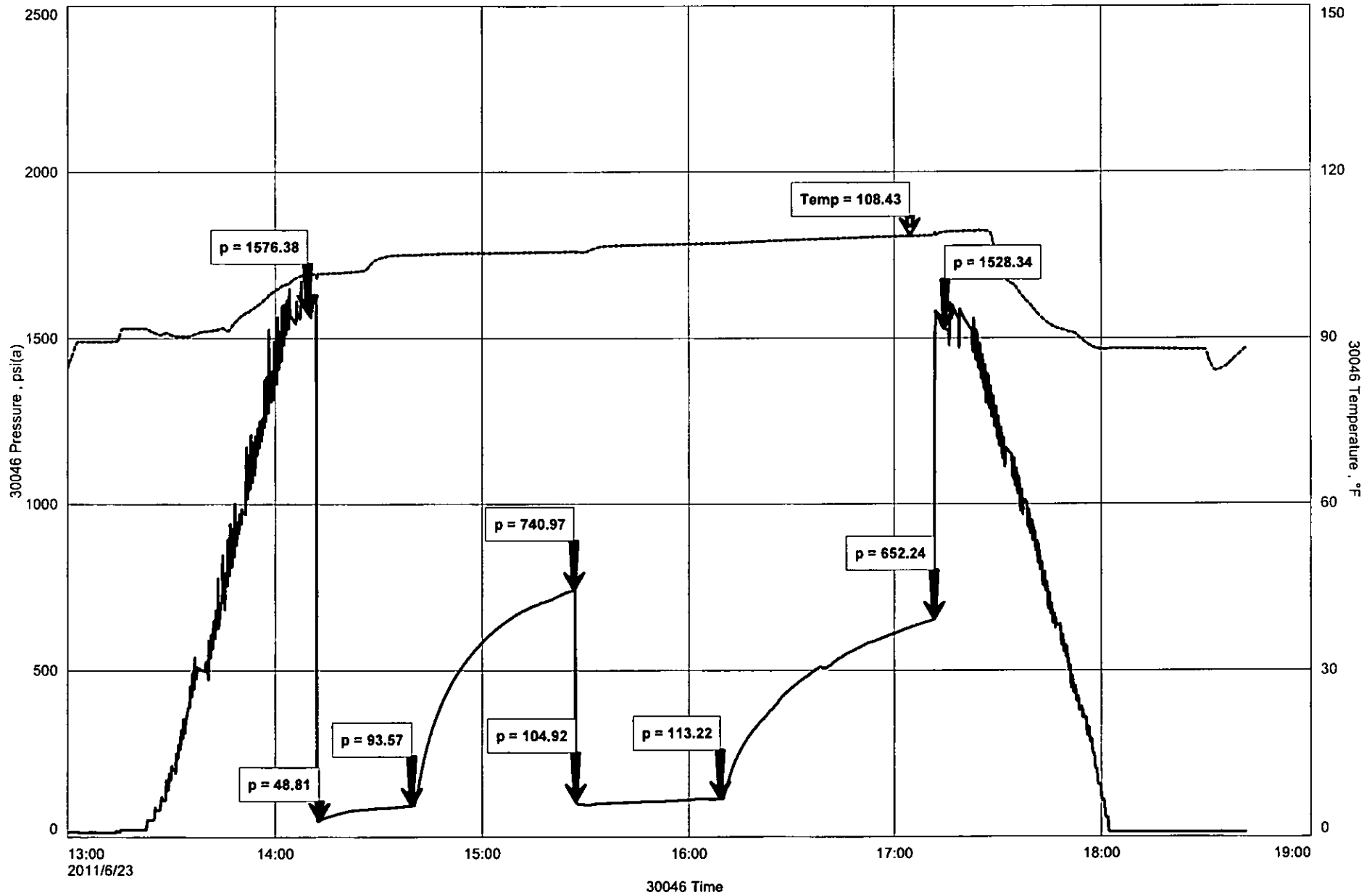
Final Hydrostatic Pressure (H) 1528 P.S.I.

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: 2011/06/23
Final Test Date: 2011/06/23

THOMAS 1-28
Formation: ARBUCKLE
Job Number: D985

THOMAS 1-28



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: THOMAS 1-28

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S28/19S/10W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D986

Test Unit:

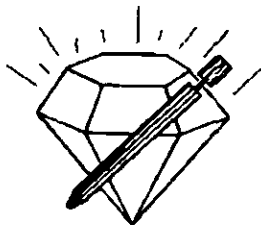
Start Date: 2011/06/23 Start Time: 23:30:00

End Date: 2011/06/24 End Time: 06:10:00

Report Date: 2010/06/24 Prepared By: JOHN RIEDL

Remarks: Qualified By: JOSH AUSTIN

RECOVERY: 370' GAS IN PIPE, 70' GASSY OIL, 60'OIL+MUD CUT GASSY WATER, 310' WATER



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

ON 23:30 6/23/11

OFF 06:10 6/24/11

DRILL-STEM TEST TICKET

STC/Thomas1-28ds7

Company L. D DRILLING INC Lease & Well No. THOMAS 1-28
 Contractor PETROMARK RIG 2 Charge to L D DRILLING INC
 Elevation 1763 K.B Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. D986
 Date 6/24/11 Sec. 28 Twp. 19 S Range 10 W County RICE State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 7 Interval Tested from 3308 ft. to 3319 ft. Total Depth 3319 ft.
 Packer Depth 3303 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3308 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number 30046 Cap. 3166 P.S.I.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number 11073 Cap. 4000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 62 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 9 Water Loss 8.5 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 5,000 P.P.M. Drill Pipe Length 3092 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 20 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: STRONG (B.O.B 15 MINUTES) WEAK BB 2"
 2nd Open: STRONG (B.O.B 15 MINUTES) FAIR BB 4"

Recovered <u>370</u> ft. of <u>GAS IN PIPE</u>	
Recovered <u>70</u> ft. of <u>GO (15%GAS 85%OIL)</u>	
Recovered <u>60</u> ft. of <u>O+MCGW (10%OIL 15%MUD 25%GAS 50% WATER) RW .5@ 60 DEGREES</u>	
Recovered <u>310</u> ft. of <u>GW (10%GAS 90%WATER) CHLORIDES 14,000Ppm</u>	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID RECOVERY: 440' (320' IN DRILL PIPE, 120' IN DRILL COLLARS)</u>	Insurance
	Total

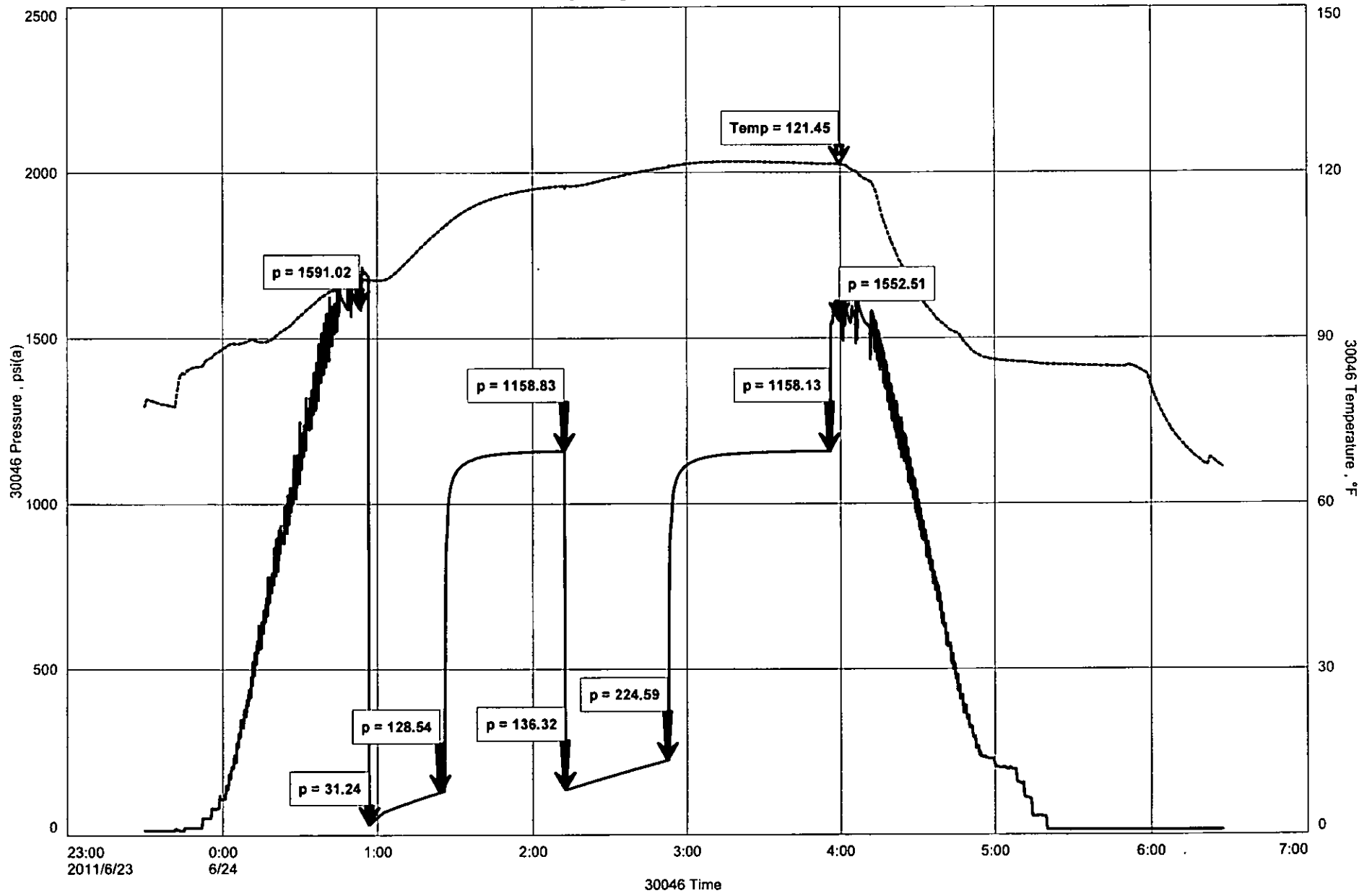
Time Set Packer(s) 1:00 A.M A.M. P.M. Time Started Off Bottom 4:00 A.M A.M. P.M. Maximum Temperature 121
 Initial Hydrostatic Pressure (A) 1591 P.S.I.
 Initial Flow Period Minutes 30 (B) 31 P.S.I. to (C) 129 P.S.I.
 Initial Closed In Period Minutes 45 (D) 1159 P.S.I.
 Final Flow Period Minutes 45 (E) 136 P.S.I. to (F) 225 P.S.I.
 Final Closed In Period Minutes 60 (G) 1158 P.S.I.
 Final Hydrostatic Pressure (H) 1553 P.S.I.

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L D DRILLING INC
Start Test Date: 2011/06/23
Final Test Date: 2011/06/24

THOMAS 1-28
Formation: ARBUCKLE
Job Number: D986

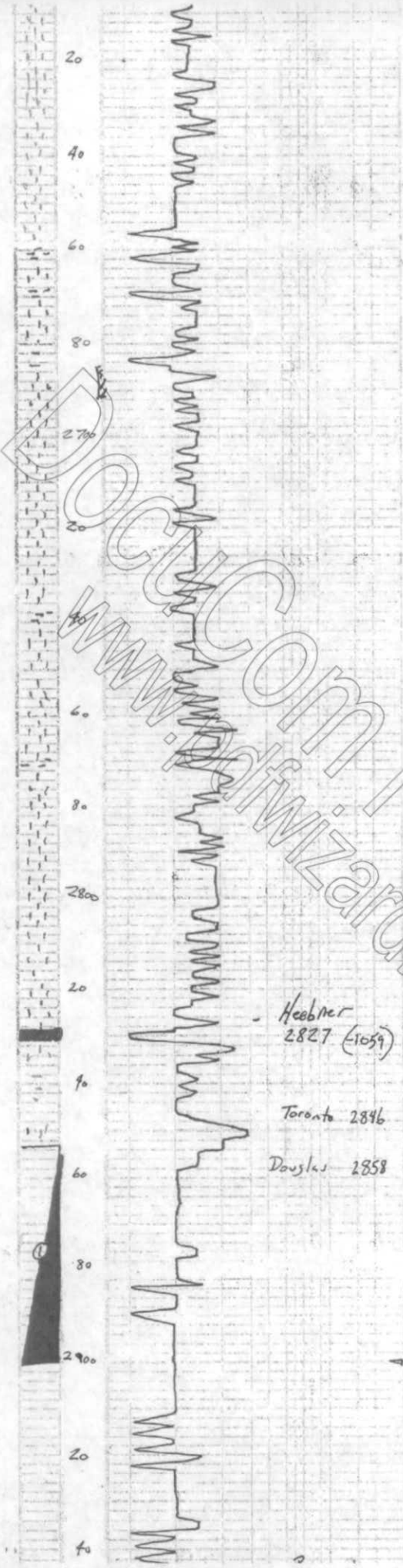
THOMAS 1-28



L.P. Drilling Inc
 Thomas #1-28
 Chase - Silica
 1768
 28 19 10
 Rice Kansas
 Petroleum Drilling (fig #2)
 06-17-2011 06-24-2011
 3400 3399
 2600 2600
 2500 3400
 2500 3400
 2500 3400
 2700 3400
 Josh Austin
 433 +1335 RTD 3400 =1632
 452 +1316 RTD 3400 =1631
 4822 -1084
 2844 -1016
 2954 -1086
 2941 -1175
 2971 -1205
 3233 -1465
 3261 -1493
 3298 -1520

5 1/2" production casing was set and cemented.
 Respectfully submitted
 John R. Austin
 Petroleum Geologist





LS: cream foss green
 Spurry cal cement 1/8

LS: cream tan foss dense
 by poor vis 1/8

blk carb shale

+ grey-green mar sh

gry sh

LS: cream grey foss chky
 dense 1/8

LS: aa
 1 grey a

blk carb sh.

LS: tan-cream fine ch.
 green in part fr 1/8 foss

LS: cream buff-tan foss
 buff. thin str 1/8
 No. 100

LS: buff-tan fine dense
 fine 1/8 + grey-blk a

Heebner
 2827 (1059)

blk carb sh

gry/mar sh

Toronto 2846

LS: wh-cream fine chky
 in part (dec)

Douglas 2858

shale: gry-green sh min
 silty in part

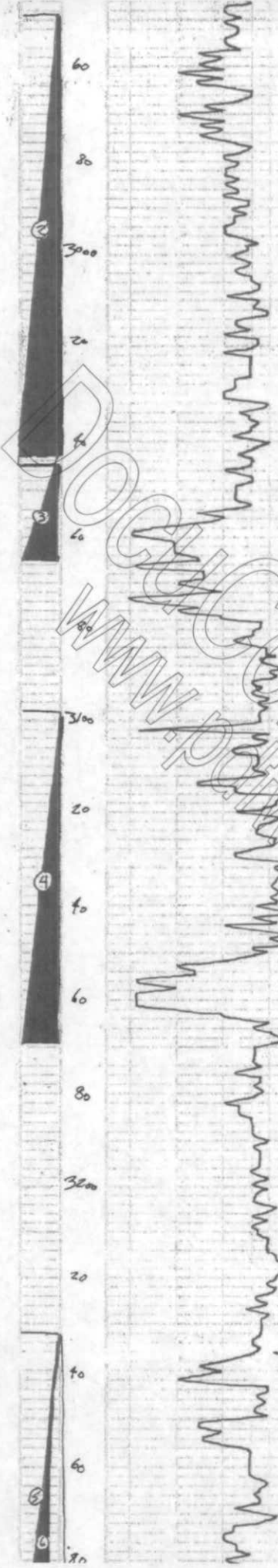
DST#1 2853-2900
 30-30-30-30
 Blow weak
 Recovery 10' mud
 Pressure 1518 40 PSI
 FSIF 43 "
 1FP 26-30 "
 FCC 33-35 "
 HSH 1372 "
 -7322 "

Sand: gry vfy fine
 blk-brown str spotty sfo ft chr

gry-greenish green silty sh
 mica in part

shale as soft

SS



2945 (-1177)

Lansing
2975 (-1207)

Base Kansas
City 3236
(-1468)

Conglomerate

LS; buff. brn. fxl. fss
dense dy

gry - greyish green sh

LS; crm. fxl. slt. ool. chky
Poorly dev. to dk brn. blk str
N/A No ader

LS; crm. tan. gry. fxl. dense
chky in part, few loose fossils
poor vis. n/s

LS; crm. tan. fxl. chky. f. brn.
sh. to sp. to poorly dev. no ader
f. gry. dk. gry. bony d

LS; Buff. highly fss/ool. chky
in part. poor vis. slt. dy

LS; crm. chky. ool. fr. good
com. brn. sh. sfo. fss. f. gba

LS; crm. tan. chky. ool. ool.
fr. good. com. brn. sh. sfo.
ft ader.

LS; tan. gry. crm. fxl. sh. chky
dense dy. poor vis. f.

blk. carb. shale

LS; tan. fxl. dense. to. sc. thin
brn. sh. respo

LS; crm. gry. chky. highly fss
poor vis. n/s

LS; crm. tan. ool. ool. chky
gibber. brn. sh. sp. to f. sh. ader

LS; crm. tan. ool. ool. fss/ool.
chky. poor vis. n/s

gry - blk. shale

LS; crm. gry. fxl. dense. chky
no vis. n/s

gry - blk. shale

LS; crm. tan. fxl. dense. dy

gry - greyish green shale

gry - mar. shale

LS; tan. crm. slt. ool. dense.
dy in part. poor. n/s

gry - redish gry. shale. soft/chy

DST #2 2949-3045
30-30-30-30
Blow; weak
Recovery 20' mud
Pressures ISIP 77
FSIP 70
LFP 28-31
FFP 27-33
HSH 1487
-1381

DST #3 3045-3066
30-45-45-60
Blow; Strong BOB in 5 min
sh. blow back
Final. BOB in 5 min
weak blow back
Recovery 60' GIP
70' SLOC gm
(5% oil 10% gas 87% mud)
Pressures; ISIP 327
FSIP 326
LFP 29-31
FFP 40-35
HSH 1488
-1432

DST #4 3098-3169
30-30-45-60
Blow; fair. built to 9"
Final. built to 3"
No blow back
Recovery 60' GIP
60' gm
Pressures ISIP 292
FSIP 354
LFP 30-40
FFP 42-54
HSH 1493
-1457

DST #5 3232-3305
30-45-45-60
Blow; [redacted]
Recovery 560' GIP
200' sl. Mcgo



Articulate
3298 (1530)

T.L. 2 '73
SS

Dolomite Crm. fine. St. Suc
poorly dev. brn. 350 fr. strong
Ode.

dol. Crm. Tan fine. dense
to brn. to gray to light
Ode.

dol. tan-crm. fine. med. xl
fr. 180' to brn. 200' to 250'
+ w. bony A

dolomite tan-gry. crm. fine. med. xl
poorly dev. St. by N/S
with A

dol. gry. Tan fine. med. xl
fine sand. by in part
with bony A N/S

151P 829
FSP 715
IFP 71-78
FFP 82-97
HSH 1564
-1538

DST #6 3232-3312
30-45-45-60
Blow strong built to 10"

Final OBB in 40 min
Work hour back

Recovery 500' 91P
230' St. Mag
(5% mud 35% gas 60% oil)

Pressure 151P 741
FSP 652
IFP 49-94
FFP 105-115
HSH 1576
-1538

DST #7 3308-3319
30-45-45-60

Blow strong BOB in 5 min
Final BOB in 15 min
Work hour back

Recovery 370' 91P
70' 60
60' St. Mag
710' 90

Rd. 5 @ 60'
Pressure 151P 1159
FSP 1158
IFP 31-129
FFP 136-225
HSH 1591
-1538

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www.pdfwizard.com
Trial