



KANSAS CORPORATION COMMISSION 1049890
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: JIM MUSGROVE
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 #: _____
07/09/2010 07/15/2010 07/15/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-009-25427-00-00
Spot Description: _____
SW SE NW NE Sec. 13 Twp. 18 S. R. 15 East West
1,310 Feet from North / South Line of Section
1,820 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: NORDMAN Well #: 1-13
Field Name: UNNAMED
Producing Formation: NA
Elevation: Ground: 1946 Kelly Bushing: 1951
Total Depth: 3576 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 982 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: 8000 ppm Fluid volume: 0000 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Garrison Date: 01/26/2011



1049890

Operator Name: L.D. Drilling, Inc. Lease Name: NORDMAN Well #: 1-13
Sec. 13 Twp. 18 S. R. 15 [] East [x] 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 [x] Yes [] No
Samples Sent to Geological Survey [] Yes [x] No
Cores Taken [] Yes [x] No
Electric Log Run [] Yes [x] No
Electric Log Submitted Electronically [] Yes [] No
List All E. Logs Run:
[] Log Formation (Top), Depth and Datum [x] Sample
Name Attached Top Attached Datum Attached

CASING RECORD [x] New [] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose (Perforate, Protect Casing, Plug Back TD, Plug Off Zone), Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
Table with columns: 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

TUBING RECORD: Size: Set At: Packer At: Liner Run: [] Yes [] No
Date of First, Resumed Production, SWD or ENHR. Producing Method: [] Flowing [] Pumping [] Gas Lift [] Other (Explain)
Estimated Production Per 24 Hours: Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity

DISPOSITION OF GAS: [] Vented [] Sold [] Used on Lease (If vented, Submit ACO-18.)
METHOD OF COMPLETION: [] Open Hole [] Perf. [] Dually Comp. (Submit ACO-5) [] Commingled (Submit ACO-4) [] Other (Specify)
PRODUCTION INTERVAL:

Form	ACO1 - Well Completion
Operator	L.D. Drilling, Inc.
Well Name	NORDMAN 1-13
Doc ID	1049890

Tops

SEVERY	2925	-974
TOPEKA	2943	-992
HEEBNER	3185	-1234
TORONTO	3201	-1250
DOUGLAS	3313	-1262
BROWN LIME	3255	-1304
LANSING	3265	-1314
BASE KANSAS CITY	3490	-1539
CONGLOMERATE	3508	-1557
REWORKED ARBUCKLE	3553	-1602
RTD	3576	-1625

BASIC

energy services, L.P.

TREATMENT REPORT

Customer L.D. DRILLING, INC.	Lease No.	Date 7-10-10
Lease NORDMAN	Well # 1-13	
Field Order # 2187A	Station PRATT, KS.	Casing 5/8
Type Job CNW - 8 5/8 S.P.	Formation	Depth 988.70
		County BARTON
		State Ks.
		Legal Description 13-18-15

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft	CMT -	Acid 200SK. A-CON	RATE	PRESS	ISIP	
Depth 988.70	Depth	From	To	Pre Pad @ 2.25 CUFT³	Max		5 Min.	
Volume 62.24 BBL	Volume	From	To CMT -	Pad 200SK Common	Min		10 Min.	
Max Press 500	Max Press	From	To	Frac @ 1.22 CUFT³	Avg		15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 988	Packer Depth	From	To	Flush 61 BBL	Gas Volume		Total Load	

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

Service Units	19870	27463	19960	19918					
Driver Names	LESLEY	VEATCH	PAVE						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:45am					ON LOCATION - SAFETY MEETING
12:40pm					RUN 8 5/8 X 24" = 22 JTS.
1:43pm					CSG. ON BOTTOM
1:49pm					HOOK UP TO CSG. - BREAK CIRC. w/RIG
1:53pm	300		5	5	H ₂ O AHEAD
2:07pm	200		80	6	MIX LEAD: ACONICMT @ 12.5#/GAL
2:20pm	150		43	6	MIX TAIL: COMMONICMT @ 15.6#/GAL
2:45pm					SHUT DOWN - RELEASE PLUG
2:47pm	150		0	6	START DISPLACEMENT
2:59pm	400		61	4	PLUG DOWN - CLOSE VALVES IN CIRC. 20 BBL TO PIT / CIRC. THRU JOB
					JOB COMPLETE,
					THANKS - KEELAN 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 02212 A

13-185-15W

DATE _____ TICKET NO. _____

DATE OF JOB 7-15-10 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 Nordman WELL NO. 1-13								
ADDRESS		COUNTY Barton STATE Kansas								
CITY STATE		SERVICE CREW C. Messick : M. Mattal : M. McGraw								
AUTHORIZED BY		JOB TYPE: C.N.W. - Plug To Abandon								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
19,866	1						7-15-10			10:00
						ARRIVED AT JOB				1:45
19,903-19,905	1					START OPERATION				3:30
						FINISH OPERATION				4:30
19,826-19,860	1					RELEASED	7-15-10			5:00
						MILES FROM STATION TO WELL				65

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
P CP 103	60/40 Poz Cement	SK	140		\$ 1,680.00
P CC 200	Cement Gel	Lb	242		\$ 60.50
P CC 102	Cellulose	Lb	36		\$ 133.20
P CF 153	Wooden Plug, 8 5/8"	ea	1		\$ 160.00
P E 101	Heavy Equipment Mileage	Mi	130		\$ 910.00
CE 240	Blending and Mixing Service	SH	140		\$ 196.00
E 113	Bulk Delivery	tm	393		\$ 629.20
CE 201	Cement Pump: 50 Feet To 1,000 Feet	Job	1		\$ 1,200.00
S 003	Service Supervisor	Job	1		\$ 175.00
E 100	Pickup Mileage	Mi	65		\$ 276.25

CHEMICAL / ACID DATA:			

SUB TOTAL		\$ 3,523.10
SERVICE & EQUIPMENT	% TAX ON \$	
MATERIALS	% TAX ON \$	DLS
TOTAL		

SERVICE REPRESENTATIVE: Barbara R. M. Messick 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, Incorporated	Lease No.	Date
Lease Nordman	Well # 1-13	7-15-10
Field Order # 2212	Station Pratt, Kansas	Casing 4 1/2" Drill Pipe
Type Job C.N.W. Plug To Abandon	Depth 150	County Barton
	Formation	State Kansas
		Legal Description 13-185-15W

PIPE DATA		PERFORATING DATA		MATERIAL USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shts Dr.		40 sacks 60	40 Poz with	RATE	PRESS	ISIP
Depth	Depth	From	To	48 Gel. 25	LB/st. Cell			5 Min.
Volume	Volume	From	To	13.8 Lb./Gal.	Min			10 Min.
Max Press	Max Press	From	To		Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Fresh Water	Gas Volume		Total Load

Customer Representative Jim Nichols	Station Manager David Scott	Treater Clarence R. Messick			
Service Units	19,866	19,903	19,905	19,826	19,860
Driver Names	Messick	Mattal	McGraw		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:45					Trucks on location and hold safety meeting.
					1 st Plug 975 Feet - 25 sacks
3:35	200			5	start Fresh water Pre-Flush.
	200		10	5	" Mixing cement.
	100		16	5	" Fresh Water Displacement.
3:40	-0-		21		stop pumping.
					2 nd Plug 346 Feet - 75 sacks
4:05	125			5	Start Mixing cement.
	-0-		18	5	Start Fresh Water Displacement
4:08	-0-		19		Stop pumping
					3 rd Plug 40 Feet - 10 sacks and wooden Plug
					insert wooden plug into casing and push
					it down 40 Feet with Drill Pipe.
4:25	-0-			3	Start mixing cement.
4:26			2.5		Cement circulated to surface. Stop pumping.
	-0-		7.5	3	Plug Rat Hole.
					Wash up pump truck.
5:00					Job Complete.
					Thank You.
					Clarence, Milte, Milte



Office (620) 588-4250 212 Main St. • P.O. Box 215 • Claflin, KS 67525 Home (620) 587-3444

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY LD Drilling Co.

LEASE Nordman #1-13

FIELD _____

LOCATION Sw-Sa-Nw-NE

SEC 13 TWSP 18s RGE 15w

COUNTY Barton STATE Kansas

CONTRACTOR Petromark Drilling (rig # 2)

SPUD 7-9-2010 COMP 7-15-2010

RTD 3576 LTD none

MUD UP 2700 TYPE MUD Chemical displaced

ELEVATIONS

KB 1951

DF _____

GL 1946

Measurements Are All From -KB-

CASING SURFACE 878' @ 988'
PRODUCTION -none-

ELECTRICAL SURVEYS -none-

SAMPLES SAVED FROM 2900 TO _____

DRILLING TIME KEPT FROM 2900 TO RTD

SAMPLES EXAMINED FROM 2900 TO _____

GEOLOGICAL SUPERVISION FROM 3000 TO _____

GEOLOGIST ON WELL Jim Musgrove / Josh Austin

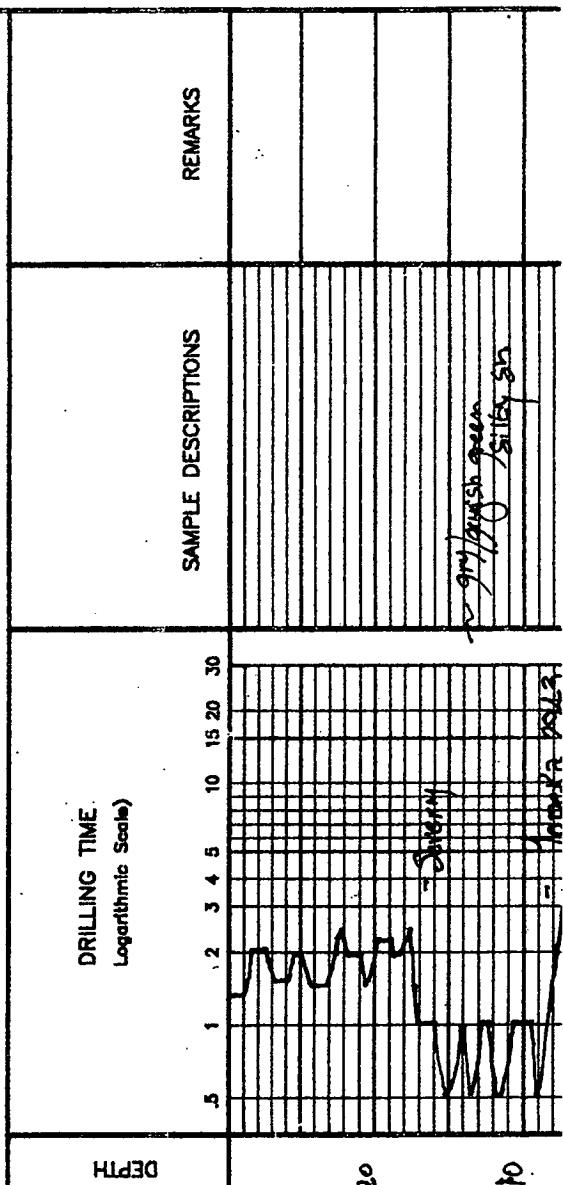
FORMATION TOPS	LOG	SAMPLES
<u>Severn</u>	<u>2925 - 974</u>	
<u>Topeka</u>	<u>2943 - 992</u>	
<u>Hoboken</u>	<u>3185 - 1234</u>	
<u>Toronto</u>	<u>3201 - 1250</u>	
<u>Douglas</u>	<u>3213 - 1262</u>	
<u>Brown Nme</u>	<u>3255 - 1304</u>	
<u>Wansing</u>	<u>3265 - 1314</u>	

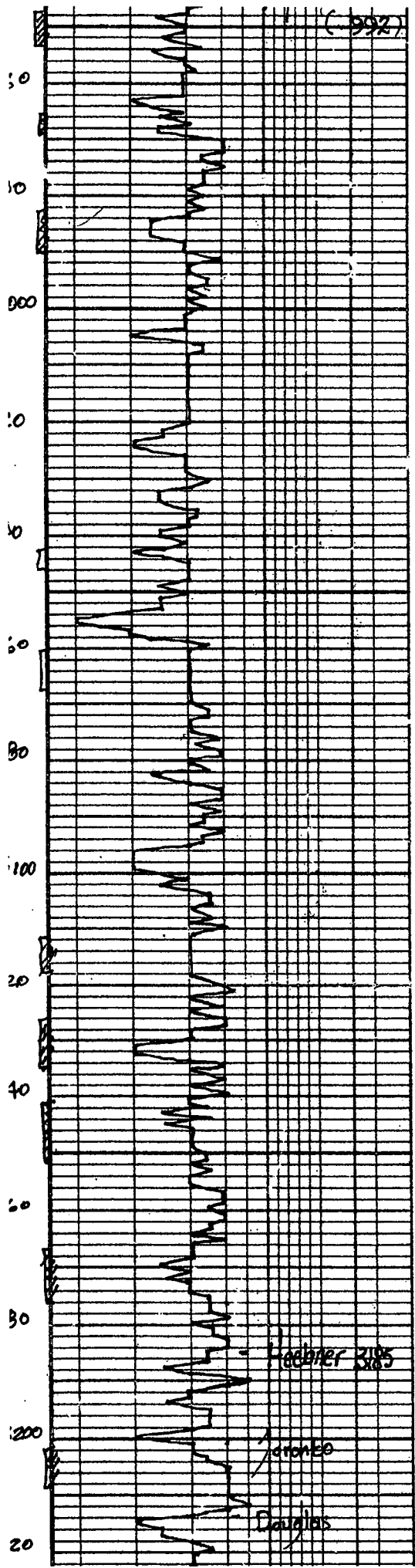
The Nordman #1-13 was plugged and abandoned at the RTD 3576

Respectfully Submitted
Jim C. Musgrove, Geologist
Josh Austin

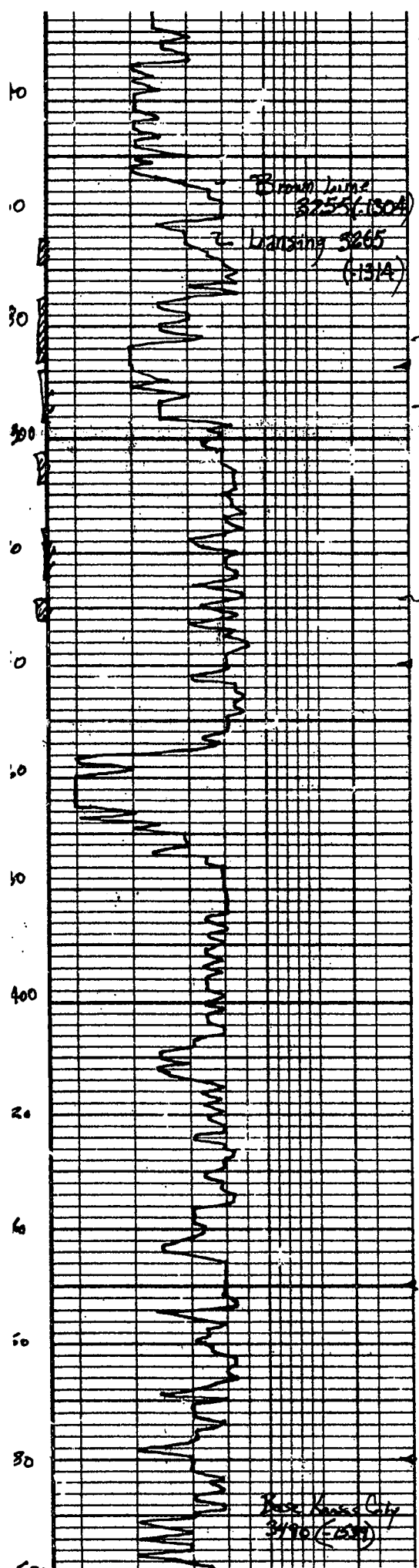
LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Carb. sh.
- Limestone
- Ool. Lime
- Chert
- Dolomite



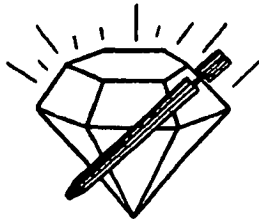


LS, gray, fishy, chunky few fossils	
LS, wh/blk, fgs, chunky	
LS, blk, chunky; ??? brown/blk sh, no odor	
LS, gray, wh, fgs, chunky	
LS, gray, cm fgs, sub ool chunky; poor vis of 1/2	
blk carb. sh	
LS, blk; slightly dy (dye)	
gray sh.	
LS, gray, dy = dye + gr wh chunk	
LS, gray, ool, chunky	
blk carb sh	
LS, gray, slightly ool chunky, tr. v. str, no odor	Dst #1 3104-3140 15-15-15-15 Blow; wear Recovery; 15' oil speckled mud
LS, gray - blk; ool; sub ool chunky br blk - brown str Info: (heavy - blk) no odor	pressures, 15' 708 psi 15' 726 " 15' 25-29 " 15' 28-30 " 15' 1527-1500
LS, gray, fgs, few fossils	
???	
LS, wh/gray; opaque	
blk carb. sh.	1951 KB
gray/green mar sh.	
LS, gray, fgs, slightly darker = blk; poor vis of Info	
mar gray/green silty sh.	



0-10' calc. gray/greyish green
 Vfg, mica sand sh.
 10-15' sh. sand sh. & gyps.
 15-20' light tan, fine, slightly silty (dise)
 20-25' tan/gray fine, slightly
 glass sh.
 25-30' ls, tan/buff, fine, low
 subcom. cherty, 3-4% golden
 brown spots, no odor
 30-35' ls, wh/gray, cherty, poor
 sh.
 35-40' blk carb. sh.
 40-45' ls, wh/gray, fine, cherty
 sh.
 45-50' mar. + 2% wh. d.
 50-55' ls, cream wh. fine cherty sh. sh.
 55-60' ls, wh-cream, oam cherty, fine-
 good oam. (cherty)
 60-65' ls, cream fine, fine slightly
 cherty dense by impact pool.
 65-70' 3-4%
 70-75' 3-4%
 75-80' 3-4%
 80-85' 3-4%
 85-90' 3-4%
 90-95' 3-4%
 95-100' 3-4%

DST #2 3271-3340
 15-15-15-15
 Blow: weak
 Recovery: 30' oil spread
 Mud
 Pressure: ISIP 897 ps
 FSIP 259 "
 IFP 28-29 "
 FFP 37-45 "
 HSH 1618 "
 -1588 "
 DST #3 3400-3480
 15-15-X-X
 Blow: weak - none
 Recovery: 25' mud
 Pressure: ISIP 42 ps
 FSIP X "
 IFP 28-29 "
 FFP X "
 HSH 1770 "
 -1670 "
 Mar-gray-crusty tan shale



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D782

Company L. D. Drilling, Inc. Lease & Well No. Nordman No. 1-13

Elevation 1951 KB Formation Lensing/Kansas City Effective Pay -- Ft. Ticket No. J2574

Date 7-14-10 Sec. 13 Twp. 18S Range 15W County Barton State Kansas

Test Approved By James C. Musgrove Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,271 ft. to 3,340 ft. Total Depth 3,340 ft.

Packer Depth 3,266 ft. Size 63/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,271 ft. Size 63/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,274 ft. Recorder Number 30046 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 3,337 ft. Recorder Number 11073 Cap. 3,900 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 56 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.0 Water Loss 10.4 cc. Drill Pipe Length 3,131 ft. I.D. 3 1/2 in.

Chlorides 8,600 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 69 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: Very weak blow throughout. No blow back during shut-in.

2nd Open: No blow. No blow back during shut-in.

Recovered 30 ft. of oil specked drilling mud = .426900 bbls.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 5:20 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 6:20 ~~P.M.~~ ^{A.M.} Maximum Temperature 105°

Initial Hydrostatic Pressure (A) 1618 P.S.I.

Initial Flow Period Minutes 15 (B) 28 P.S.I. to (C) 34 P.S.I.

Initial Closed In Period Minutes 15 (D) 897 P.S.I.

Final Flow Period Minutes 15 (E) 37 P.S.I. to (F) 45 P.S.I.

Final Closed In Period Minutes 15 (G) 859 P.S.I.

Final Hydrostatic Pressure (H) 1588 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: NORDMAN 1-13

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S13/18S/15W BARTON

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL

Job Number: D782

Test Unit:

Start Date: 2010/07/14

Start Time: 03:40:00

End Date: 2010/07/14

End Time: 08:10:00

Report Date: 2010/07/14

Prepared By: JOHN RIEDL

Remarks:

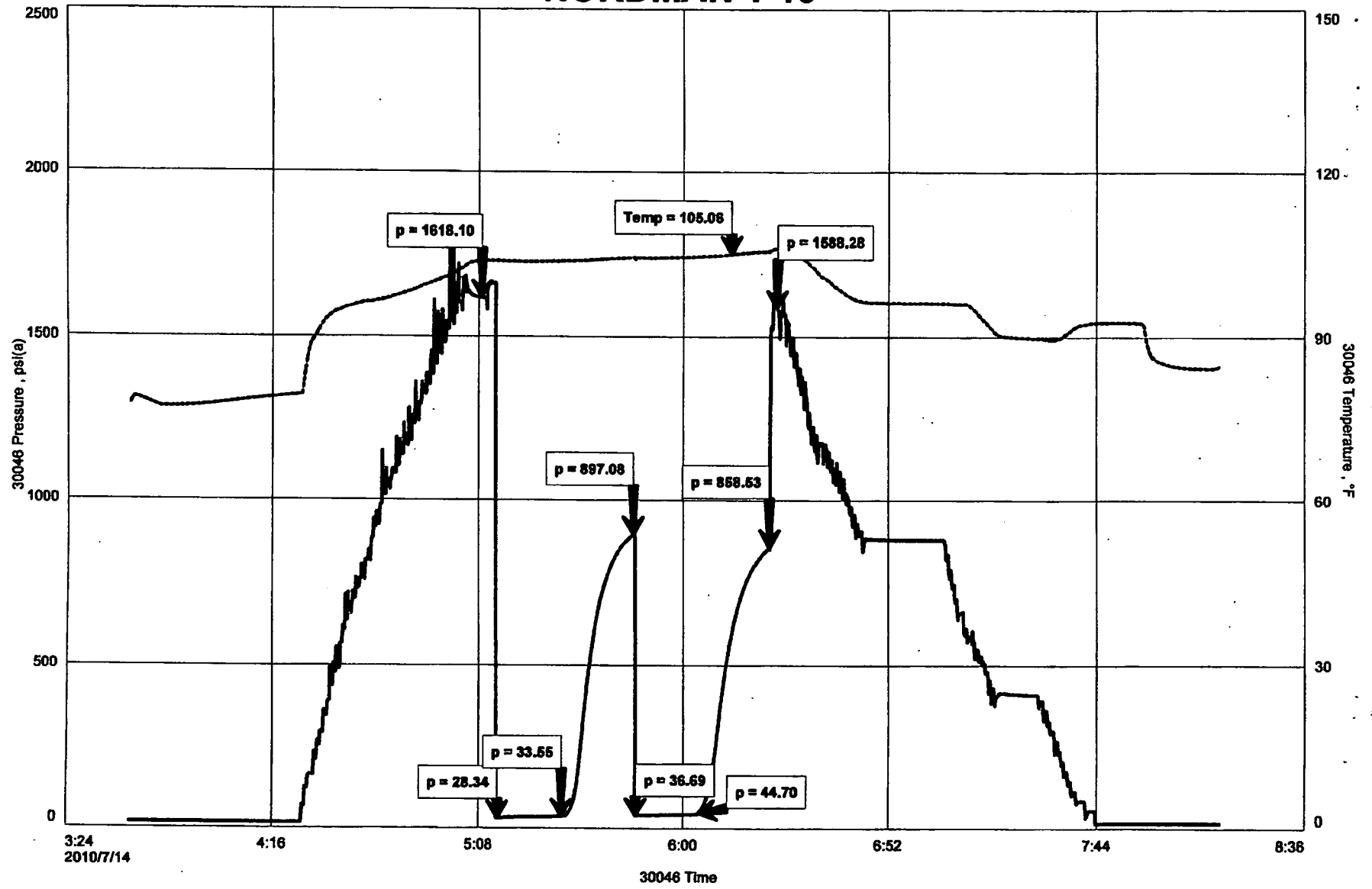
Qualified By: JIM MUSGROVE

RECOVERY: 30' OIL SPECKED DRILLING MUD

Start Test Date: 2010/07/14
Final Test Date: 2010/07/14

NORDMAN 1-13

NORDMAN 1-13
Formation: LKC
Job Number: D782



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: NORDMAN 1-13

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S13/18S/15W BARTON CTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL Job Number: D781

Test Unit:

Start Date: 2010/07/13 Start Time: 10:20:00

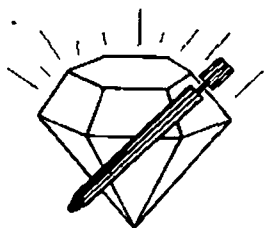
End Date: 2010/07/13 End Time: 14:20:00

Report Date: 2010/07/13 Prepared By: JOHN RIEDL

Qualified By: JIM MUSGROVE

Remarks:

RECOVERY: 15' OIL SPECKED DRILLING MUD



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON: 10:20 07/13/10

OFF: 14:20 07/13/10

DRILL-STEM TEST TICKET

FILEstc/NORDMan1-13dst1

Company L D DRILLING INC. Lease & Well No. NORDMAN 1-13
 Contractor PETROMARK RIG #2 Charge to L D DRILLING INC.
 Elevation 1951 K.B Formation TOPEKA Effective Pay _____ Ft. Ticker No. D781
 Date 7/13/10 Sec. 13 Twp. 18 S Range 15 W County BARTON State KANSAS
 Test Approved By JIM MUSGROVE Diamond Representative JOHN C. RIEDL

Formation Test No. 1 Interval Tested from 3104 ft. to 3140 ft. Total Depth 3140 ft.
 Packer Depth 3099 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3104 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. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number 11073 Cap. 3,900 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 56 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 8,600 P.P.M. Drill Pipe Length 2997 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 20 ft. Tool Size 3 1/2-1F in.
 Did Well Flow? NO Reversed Out NO Anchor Length 36 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 IN 1 MINUTE) NO BB
 2nd Open: NO BLOW (FLUSHED TOOL+ RECEIVED WEAK SURGE+THEN DEAD) NO BB

Recovered 15 ft. of OIL SPECKED DRILLING MUD
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID RECOVERY: 15' IN DRILL COLLAR</u>	Insurance
	Total

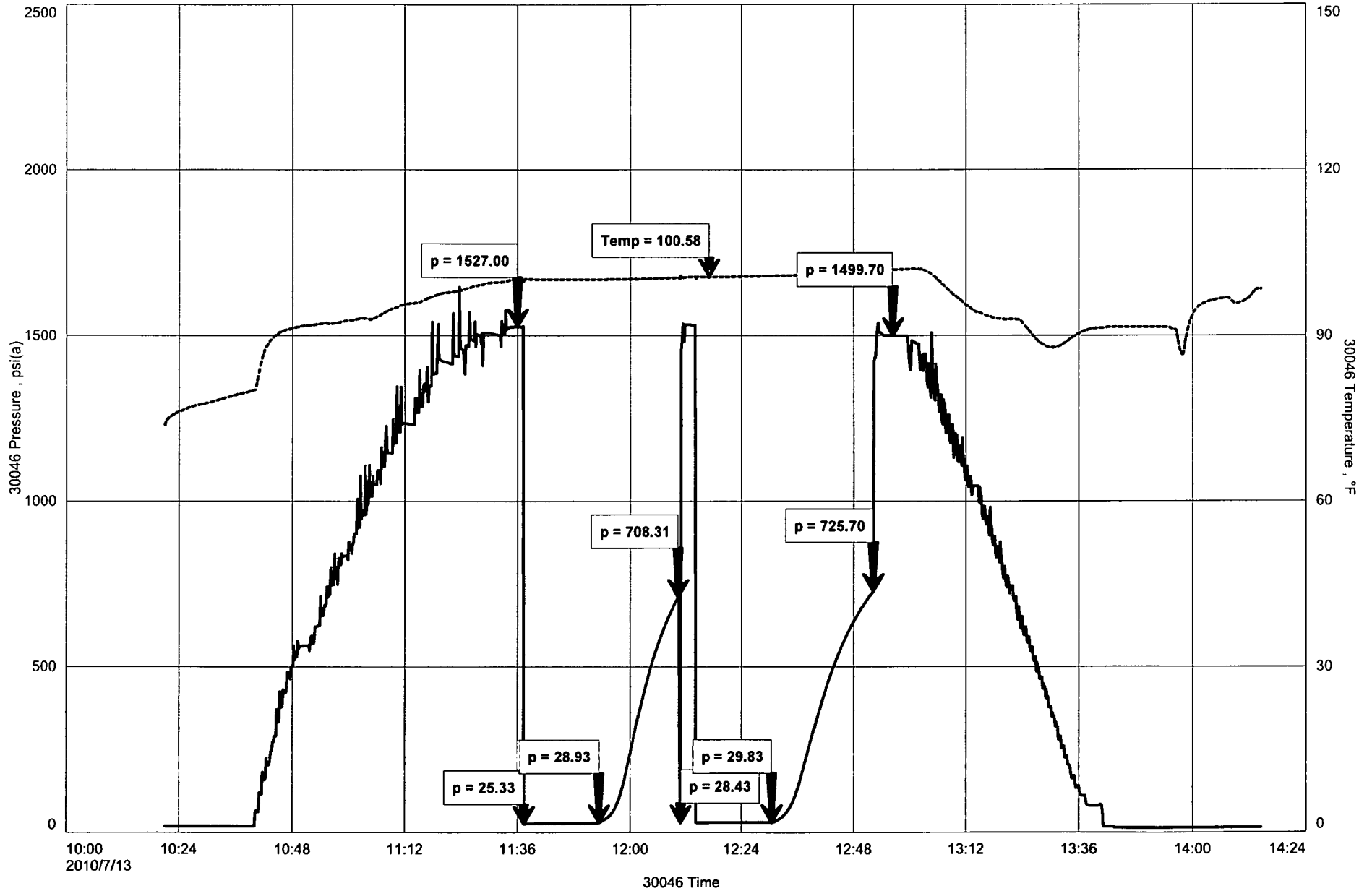
Time Set Packer(s) 11:40 A.M. A.M. P.M. Time Started Off Bottom 12:40 P.M. A.M. P.M. Maximum Temperature 101
 Initial Hydrostatic Pressure (A) 1527 P.S.I.
 Initial Flow Period Minutes 15 (B) 25 P.S.I. to (C) 29 P.S.I.
 Initial Closed In Period Minutes 15 (D) 708 P.S.I.
 Final Flow Period Minutes 15 (E) 28 P.S.I. to (F) 30 P.S.I.
 Final Closed In Period Minutes 15 (G) 726 P.S.I.
 Final Hydrostatic Pressure (H) 1500 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: 2010/07/13
Final Test Date: 2010/07/13

NORDMAN 1-13
Formation: TOPEKA
Job Number: D781

NORDMAN 1-13



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: NORDMAN 1-13

Operator: L D DRILLING IN

Location-Downhole:

Location-Surface: S13/18S/15W BARTON CTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D783

Test Unit:

Start Date: 2010/07/14 Start Time: 19:30:00

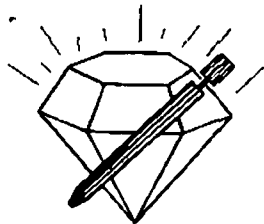
End Date: 2010/07/14 End Time: 22:40:00

Report Date: 2010/07/14 Prepared By: JOHN RIEDL

Qualified By: JOSH AUSTIN

Remarks:

RECOVERY: 25' DRILLING MUD



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON:19:30 07/14/10

OFF: 23400 07/14/10

DRILL-STEM TEST TICKET

FILEstc/NORDMan1-13dst3

Company L D DRILLING INC. Lease & Well No. NORDMAN 1-13
 Contractor PETROMARK RIG #2 Charge to L D DRILLING INC.
 Elevation 1951 K.B Formation LKC Effective Pay _____ Ft. Ticket No. D783
 Date 7/14/10 Sec. 13 Twp. 18 S Range 15 W County BARTON State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 3 Interval Tested from 3400 ft. to 3480 ft. Total Depth 3480 ft.
 Packer Depth 3395 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3400 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. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number 11073 Cap. 3,900 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 9.5 Water Loss 9 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 8,000 P.P.M. Drill Pipe Length 3260 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: WEAK DEAD IN 8 MINUTES NO BB
 2nd Open: NOT RUN

Recovered 25 ft. of DRILLING MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 25' IN DRILL COLLAR

Time Set Packer(s) 8:45 P.M A.M. P.M. Time Started Off Bottom 9:15 P.M A.M. P.M. Maximum Temperature 106

Initial Hydrostatic Pressure (A) 1730 P.S.I.

Initial Flow Period Minutes 15 (B) 28 P.S.I. to (C) 29 P.S.I.

Initial Closed In Period Minutes 15 (D) 42 P.S.I.

Final Flow Period Minutes (E) _____ P.S.I. to (F) _____ P.S.I.

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

Final Hydrostatic Pressure (H) 1690 P.S.I.

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L D DRILLING INC
Start Test Date: 2010/07/14
Final Test Date: 2010/07/14

NORDMAN 1-13
Formation: LKC "H,I,J,K"
Job Number: D783

NORDMAN 1-13

