



KANSAS CORPORATION COMMISSION 1050301
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 & 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 #: _____
09/25/2010 10/03/2010 10/14/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-185-23635-00-00
Spot Description: _____
SW SE NW NE Sec. 15 Twp. 21 S. R. 12 East West
1,207 Feet from North / South Line of Section
1,774 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Stafford
Lease Name: CHRISTIANSEN Well #: 2-15
Field Name: SAUNDRA
Producing Formation: LANSING
Elevation: Ground: 1840 Kelly Bushing: 1841
Total Depth: 3750 Plug Back Total Depth: 3546
Amount of Surface Pipe Set and Cemented at: 338 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: 10000 ppm Fluid volume: 240 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: STAFFORD 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 Garrison Date: 02/14/2011



1050301

Operator Name: L. D. Drilling, Inc. Lease Name: CHRISTIANSEN Well #: 2-15
Sec. 15 Twp. 21 S. R. 12 East West County: Stafford

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 (Attach Additional Sheets)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run
Electric Log Submitted Electronically (If no, Submit Copy)
List All E. Logs Run: Attached
Log Formation (Top), Depth and Datum
Sample
Name Attached Top Attached Datum Attached

CASING RECORD
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, 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, Set/Type, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth

TUBING RECORD: Size: 2.875 Set At: 3543 Packer At: Liner Run: Yes No
Date of First, Resumed Production, SWD or ENHR. 10/14/2010
Producing Method: Flowing Pumping Gas Lift Other (Explain)
Estimated Production Per 24 Hours: Oil Bbbs. Gas Mcf Water Bbbs. 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	CHRISTIANSEN 2-15
Doc ID	1050301

All Electric Logs Run

DUAL COMPENSATED POROSITY LOG
DUAL INDUCTION LOG
GAMMA RAY / NEUTRON LOG
SONIC CEMENT BOND LOG

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	CHRISTIANSEN 2-15
Doc ID	1050301

Tops

ANHYDRITE	626	+1215
BASE ANHYDRITE	648	+1193
HEEBNER	3077	-1236
TORONTO	3097	-1256
DOUGLAS	3110	-1269
BROWN LIME	3213	-1372
LANSING	3225	-1384
BASE KANSAS CITY	3447	-1606
ARBUCKLE	3522	-1681
LTD	3537	-1696



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 02636 A

DATE _____ TICKET NO. _____

DATE OF JOB: 9-25-10	DISTRICT: 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: C.A. O'Neil Inc	LEASE: Christianson	2-15 WELL NO.					
ADDRESS:	COUNTY: Stafford	15-2112 STATE Kansas					
CITY:	STATE:	SERVICE CREW: P. Worth, C. Veach, Daryl					
AUTHORIZED BY:	JOB TYPE: 8-5/8" Surface CNU						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED: 9-25-10 8:30	
28443 P.U.	2.15					ARRIVED AT JOB: 9-25-10 AM 10:25	
27463 PT	3.15					START OPERATION: 9-25-10 11:45	
19831-19862	3.15					FINISH OPERATION: 9-26-10 4:00	
						RELEASED: 9-26-10 5:00	
						MILES FROM STATION TO WELL: 4.5 miles	

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
CP100	Common	SK	375		\$ 6000.00
CP100	Common	SK	100		\$ 1600.00
CC102	cell flake	lb	94		\$ 347.80
CC109	calcium chloride	lb	1341		\$ 1408.05
C200	cement gel	lb	206		\$ 176.50
CF153	wooden cement plug 8-5/8	ea	1		\$ 160.00
B100	unit mileage charge pickup	mi	4.5		\$ 191.25
B101	Heavy Equip. mileage	mi	135		\$ 945.00
B113	Bulk Delivery Charge	TM	1006		\$ 1609.20
CE200	Depth Charge 0-500'	4-hr	1		\$ 1000.00
CE240	Blending & mixing service chg.	SK	475		\$ 665.00
CE304	Plug container utilization chg.	Job	1		\$ 250.00
5003	Service Supervisor first 8hrs extra	ea	1		\$ 175.00

CHEMICAL / ACID DATA:				SUB TOTAL	
				SERVICE & EQUIPMENT	% TAX ON \$
				MATERIALS	% TAX ON \$
				TOTAL:	

DLS 9733.63

SERVICE REPRESENTATIVE: Allen F. Veach
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Lu B. Pators
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

Customer L. D. Drilling INC	Lease No. 2-15	Date 9-26-10
Lease Christiansen	Well # 2-15	
Field Order # 02636A	Station Pratt KS	Casing 2 7/8
Type Job 8 3/8 Surface	Formation CNW	Depth 338
		County Stafford
		State KS
		Legal Description 15-21-13

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 2 7/8	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
338	Depth	From	To	Common w/ 2% gel	3% CC	1/4 cell Flake	
Volume 20.661	Volume	From	To	Pre Pad 15.4/gal	Max		5 Min.
Max Press 200 #	Max Press	From	To	Pad	Min		10 Min.
Well Connection PC	Annulus Vol.	From	To	Frac	Avg		15 Min.
Plug Depth 11	Packer Depth	From	To	Flush Disp. Fresh water	HHP Used		Annulus Pressure
		From	To		Gas Volume		Total Load

Customer Representative: **Jim** Station Manager: **scotty** Treater: **Allen F. Worth**

Service Units	28443	27463	19831	19862
Driver Names	Worth	Worth	Daryl Bishop	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:25					on loc. Discuss Safety, Setup Plan Job
10:30					start 2 7/8" casing 24"
11:30					Hook up + CIR w/ Rig - Good CIR.
11:40	100 #				5 1/2 start mix 375 sts common w/ 2% gel 3% CC, 1/4 cell Flake @ 15 #.
			90		Finish mix - Release wooden
11:55				5	plug + start Disp.
12:00	9-26-10		20	2	Plug down - Shut in @ well Release PS3 - cnt didn't CIR.
12:15					wait on cnt -
3:00					cnt on loc.
					Rig up 1" pipe Tag cnt @ 45' down.
3:45			21	2	mix 100 sts common w/ 3% CC cnt CIR. To cellar wash up + Rack up equip.
5:00					Job complete.

thanks Allen, Chris, Daryl



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 02781 A

DATE _____ TICKET NO. _____

DATE OF JOB 10/3/10	DISTRICT FRANKS	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 LIS DRILLING	LEASE CHRISTIANSEN		WELL NO 2-15						
ADDRESS		COUNTY STAFFORD	STATE KS						
CITY		SERVICE CREW AG, CHRIS, LUCAS							
AUTHORIZED BY		JOB TYPE: CNW - LOWSTRENGTH							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE 10-3	AM PM	TIME 0800
19907						ARRIVED AT JOB		AM PM	1030
27463	1					START OPERATION		AM PM	1030
19826	1					FINISH OPERATION		AM PM	1200
19860						RELEASED		AM PM	1100
						MILES FROM STATION TO WELL	45		

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

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

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP103	60/40 PZ	175 SK			2100.00
CP103	60/40 PZ	30 SK			360.00
CC111	START	1564 lb			782.00
CC112	CFR	76 lb			456.00
CC201	GILSONITE	875 lb			586.25
CF601	5 1/2 LATCH DOWN PLUG	1 EACH			400.00
CF1101	5 1/2 BASKET SHOE	1 EACH			1700.00
CF1651	5 1/2 TURBO LEVER	5 EACH			550.00
C704	OS-1L KCL	1 gallon			35.00
CC151	MUD FLUSH	500 gallon			430.00
E100	PERKUP MILEAGE	45 mile			191.25
E101	TRUCK MILEAGE	90 mile			630.00
E113	BULK DELIVERY	398 TM			637.20
CE204	PUMP CHARGE	1 EACH			2160.00
CE240	BLENDED CHARGE	205 SK			287.00
CE504	PLUG CONTAINER	1 EACH			250.00
5003	SERVICE SUPERVISOR	1 EACH			175.00

SUB TOTAL
DLS 8093.49

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE A. Conroy THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: A. D. Davis
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer LD MATHIAS	Lease No.	Date 10-3-10
Lease CHRISTENSEN	Well # 2-15	
Field Order # 2781A	Station PRATT, KS	Casing 5 1/2
	Depth 3598	County SMITHSON
Type Job ONW - LONG STRONG	Formation TD-3950	Legal Description 15-21-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth 3598	Depth	From	To	Pre Pad		Max		5 Min.
Volume	Volume	From	To	Pad		Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth 5276	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative LD	Station Manager SCOTT	Treater COOPER
Service Units 19907 27463 15826-19860		
Driver Names KS CHRIS LUKE		

Time	Casing Pressure	Tubing Pressure	Bbls: Pumped	Rate	Service Log
10:30					ON LOCATION
					RUN 89 JTS 5 1/2 CSG 14"
					BASKET SHOE LATCH BAFFLE
					DN 12' COLLAR: CANT-1-3-5-7-9
13:15					5 1/2 SET AT 3598' - BUSH CASE
14:30	900				DROP BALL - SET BASKET SHOE
	500		20	6	Pump 20 bbl 2% HCL H2O
	500		12	6	Pump 12 bbl MUD FLUSH
	520		3	6	Pump 3 bbl H2O
	300		37	6	Pump 175 gal 60/40 POZ
					18% SARC, 1/2% CER, 5% GILSONITE
					STOP - WASH LINE - DROP RUG
	0		0	6	START DISP.
	200		64	6	LEFT CEMENT
	600		80	3	SLOW RATE
15:00	1000		87.2	3	TRING DOWN - H2O
					PLUG RAT HOLE - 30 gal 60/40 POZ
16:00					DB COMPLETE - KEVA



James C. Musgrove
Petroleum Geologist

Office (620) 588-4250 212 Main St. • P.O. Box 215 • Claflin, KS 67523 Home (620) 587-3444

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY <u>LD Drilling Inc.</u>	ELEVATIONS
LEASE <u>Christiansen #2-15</u>	KB <u>1841</u>
FIELD <u>Sandra</u>	DF _____
LOCATION <u>SW-Se-NW-Ne (1207' FNL & 1174' FBL)</u>	GL <u>1836</u>
SEC <u>15</u> TWP <u>21S</u> RGE <u>12W</u>	Measurements Are All From <u>KB</u>
COUNTY <u>Stafford</u> STATE <u>Kansas</u>	
CONTRACTOR <u>Petromark Drilling (rig #2)</u>	SURFACE CASING <u>878' @ 343'</u>
SPUD <u>9-25-2010</u> COMP <u>10/3/2010</u>	PRODUCT ID <u>5121</u>
RTD <u>3750</u> LTD <u>3537</u>	ELECTRICAL SURVEYS
MUD UP <u>2800'</u> TYPE MUD <u>Chemical displaced</u>	<u>By log Dec 1</u>

SAMPLES SAVED FROM <u>2800</u> TO _____
DRILLING TIME KEPT FROM <u>2800</u> TO <u>RTD</u>
SAMPLES EXAMINED FROM <u>2800</u> TO _____
GEOLOGICAL SUPERVISION FROM <u>3150</u> TO _____
GEOLOGIST ON WELL <u>Jim Musgrove, Josh Austin</u>

FORMATION TOPS	LOG	SAMPLES
anhydrite	626 +1215	
ase anhydrite	648 +1193	
gabner	3077 -1236	
aronto	3097 -1256	
douglas	3110 -1269	
brown lime	3213 -1372	
wansing	3285 -1384	

5 1/2" production disposal / production casing was set and cemented.

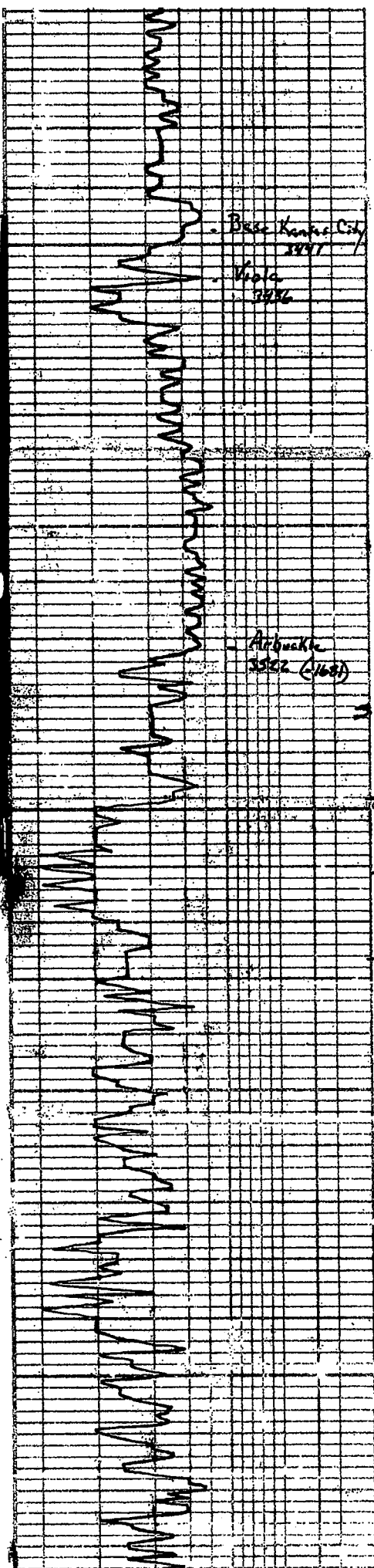
*Respectfully submitted,
Jim Musgrove
Petroleum Geologist*

LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Carb sh Limestone
- Op Lime
- Chert
- Dolomite

		REMARKS
DRILLING TIME <small>Logarithmic Scale</small>	SAMPLE DESCRIPTIONS	

70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80



65' com-ly grey chky slightly
Foot of fault, 1/2' of a part

65' com-ly blk shaly
Poor vis. 1/2'

Shale, grey - med - greyish green

Shaly, v. c. heavy 4' blk shaly

Shale, greenish grey

Iron scale, clear, sub-irregular
shaly, blk shaly

Shale grey - med

dolomite, grey, fine, slightly
Poor vis. blk shaly

dolomite, wh grey, laminae
fine, blk shaly

dolomite, grey, blk shaly
faded

dol, com-ly, fine, some med shaly
sucy (faded) blk shaly
sf, adon

dol, com-ly, med v. scatter
brown blk shaly, sf, adon

dol, tan, grey, (med shaly)
faded, blk shaly, sf, adon

dol, com-ly, fine, shaly
low vis. dense sh (barren)

dol, fine, com, fine, shaly

180' sh ogem
(5% oil 10% gas 85% mud)

250' sh ogem
(5% mud 10% gas 85% water)

Pressure, ISIP 951 PA
FSIP 924 "

IFP 40-432 "
FFP 142-219 "
NSH 1662
-141

DST # 3 3444-2582
30-70-30-70
Blow, weak - No blow

Recovery 30' mud

Pressure, ISIP 95 PA
FSIP 66 "
IFP 33-72 "
FFP 37-47 "
NSH 1723
-1700

DST # 4 3531-3542
- misrun -

DST # 5 3443-3548
30-45-30-45
Blow, weak
Recovery, 20' mud

Pressure, ISIP 363 PA
FSIP 286 "
IFP 33-47 "
FFP 42-51 "
NSH 1730
-148

DST # 6 3546-3561
- misrun -

DST # 7 3443-3561
30-45-45-60
Blow, good built to 7"
Recovery 240' sh ogem
(5% oil 97% mud)

Pressure, ISIP 1168 PA
FSIP 1161 "
IFP 42-101 "
FFP 109-170 "
NSH 1684
1646

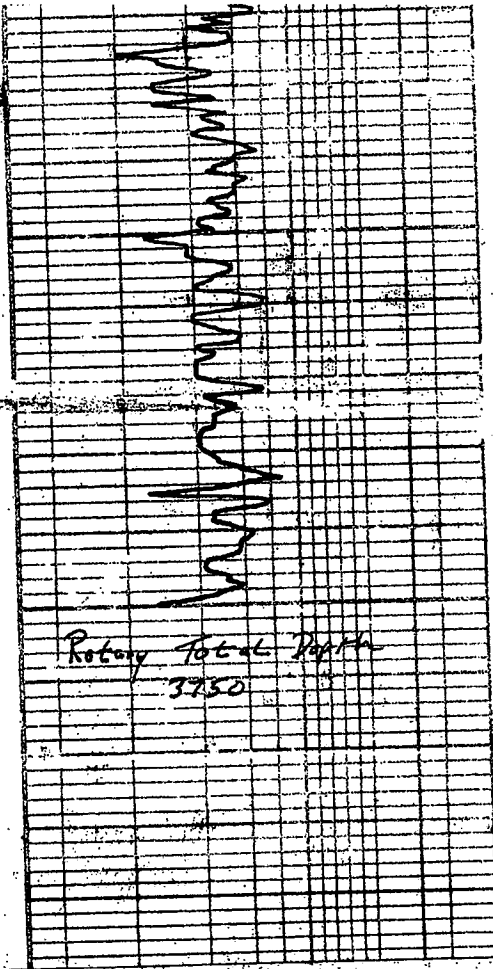
30

3700

3500

20

10



Rotary Total Depth
3750

dist. from Cr. Forest
down past Vis. by in post
to back bay 1/5



Dist. aa

distometer from sea down
Poorly dev. by 1/5
Push up A

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: CHRISTIANSEN 2-15

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S15/21S/12W STAFFORD

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D818

Test Unit:

Start Date: 2010/09/28 Start Time: 21:50:00

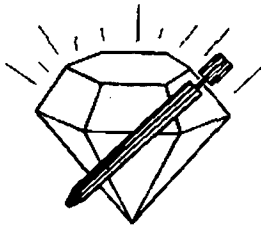
End Date: 2010/09/29 End Time: 05:30:00

Report Date: 2010/09/29 Prepared By: JOHN RIEDL

Remarks: Qualified By: JOSH AUSTIN

GAS TO SURFACE 1ST FLOW

RECOVERY: 500' WATER+MUD CUT GASSY OIL, 1000' GASSY WATER



DIAMOND TESTING

P.O. Box 157

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

ON 21:50 09/28/10

OFF 05:30 09/11/2010

DRILL-STEM TEST TICKET

FILEstc/CHristiansen2-15dst1

Company L D DRILLING INC Lease & Well No. CHRISTIANSEN 2-15
 Contractor PETROMARK RIG #2 Charge to L D DRILLING INC
 Elevation 1841 K.B Formation LANS "A-K" Effective Pay _____ Ft. Ticker No. D818
 Date 9/28/10 Sec. 15 Twp. 21 S Range 12 W County STAFFORD State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 1 Interval Tested from 3215 ft. to 3300 ft. Total Depth 3300 ft.
 Packer Depth 3210 ft. Size 6 3/4 in. Packer Depth _____ ft. Size 3350 in.
 Packer Depth 3215 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3218 ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) _____ 3297 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 67 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 8.8 Water Loss 8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 2,000 P.P.M. Drill Pipe Length 3025 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 85 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 MIN. CTS 15 MIN.) STRONG BB
 2nd Open: STRONG (B.O.B IMMEDIATE GTS THROUGHOUT) STRONG BB

Recovered 500 ft. of W+MCGO (10%WATER 10%MUD 30%GAS 50%OIL)
 Recovered 1000 ft. of GW (10%GAS 90%WATER) CHLORIDES 60,000Ppm

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: <u>TOTAL FLUID RECOVERY:1500 (1380' IN DRILL PIPE,120' IN DRILL COLLARS)</u> <u>GAS GUAGED 2 TO 5 MCF/D; SAMPLE TAKED; GAS BURNED</u>	
	Total

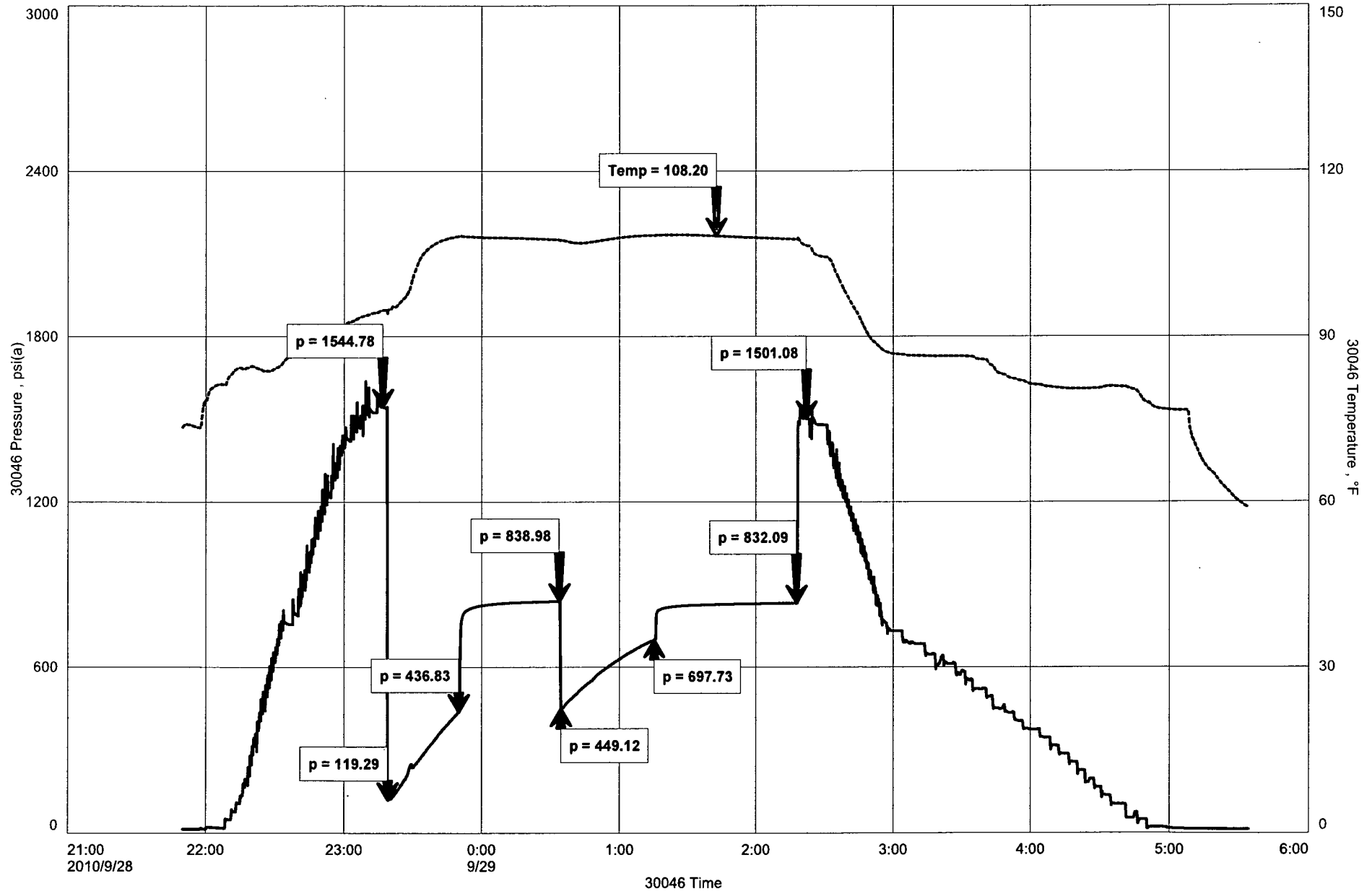
Time Set Packer(s) 11:15 P.M A.M. Time Started Off Bottom 2:15 A.M A.M. Maximum Temperature 108
P.M. P.M.
 Initial Hydrostatic Pressure (A) 1545 P.S.I.
 Initial Flow Period Minutes 30 (B) 119 P.S.I. to (C) 437 P.S.I.
 Initial Closed In Period Minutes 45 (D) 839 P.S.I.
 Final Flow Period Minutes 45 (E) 449 P.S.I. to (F) 698 P.S.I.
 Final Closed In Period Minutes 60 (G) 832 P.S.I.
 Final Hydrostatic Pressure (H) 1501 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: 2010/09/28
Final Test Date: 2010/09/29

CHRISTIANSEN 2-15
Formation: LANS A-F
Job Number: D818

CHRISTIANSEN 2-15



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: CHRISTIANSEN 2-15

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S15/21S/12W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D819

Test Unit:

Start Date: 2010/09/29 Start Time: 17:30:00

End Date: 2010/09/29 End Time: 23:45:00

Report Date: 2010/09/29 Prepared By: JOHN RIEDL

Qualified By: JOSH AUSTIN

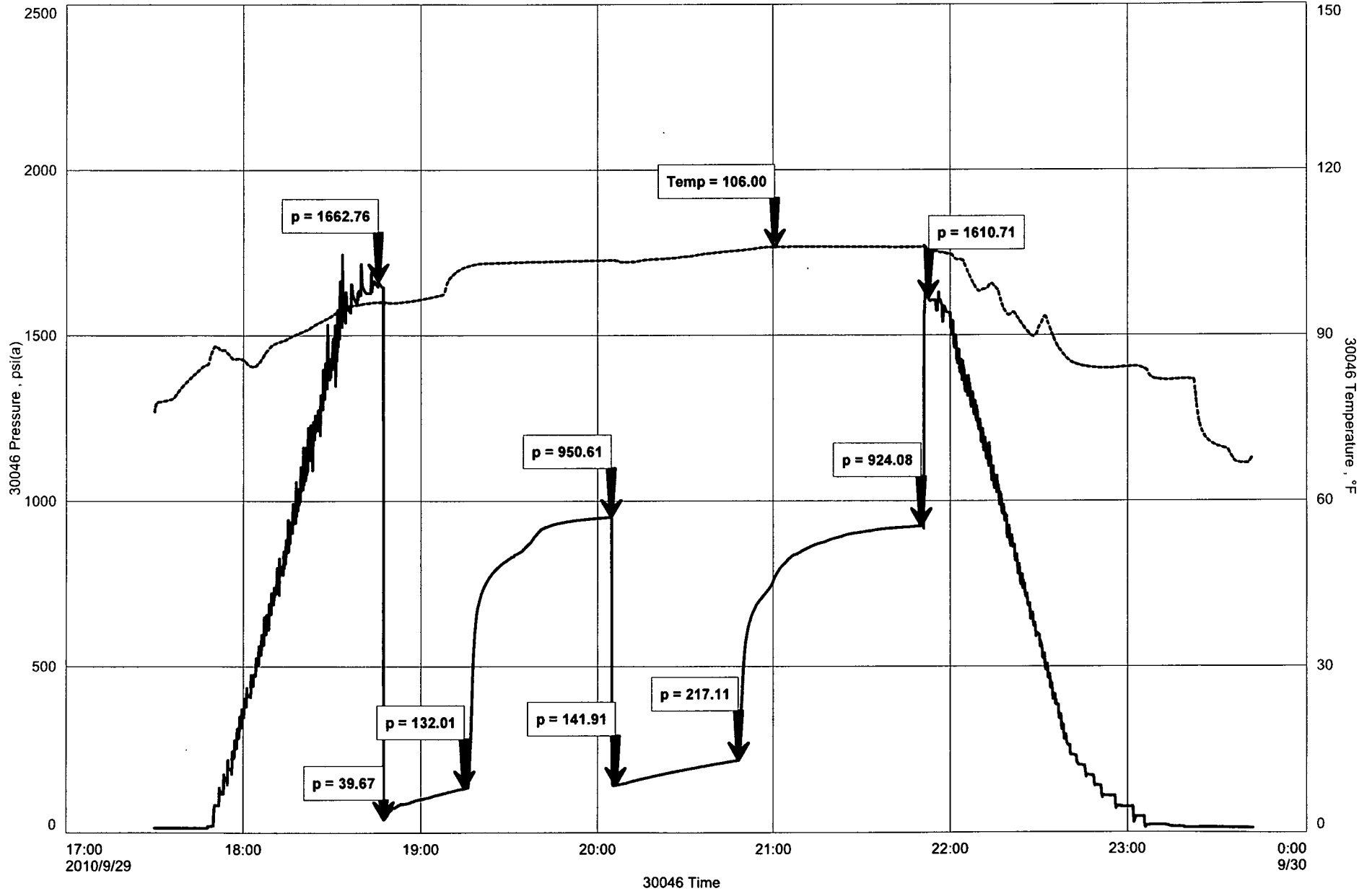
Remarks:

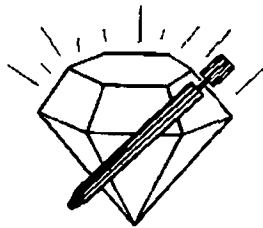
RECOVERY: 120' GIP. 180' SL OIL+GAS CUT MUD
250' SL MUD CUT GASSY WATER

L D DRILLING INC
Start Test Date: 2010/09/29
Final Test Date: 2010/09/29

CHRISTIANSEN 2-15
Formation: LKC J,I,K
Job Number: D819

CHRISTIANSEN 2-15





DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON17 21:50 09/28/10

OFF 23:45 09//29/10

DRILL-STEM TEST TICKET

FILEstc/CHristiansen2-15dst2

Company L D DRILLING INC Lease & Well No. CHRISTIANSEN 2-15
 Contractor PETROMARK RIG #2 Charge to L D DRILLING INC
 Elevation 1841 K.B Formation LANS "i,j,k" Effective Pay _____ Ft. Ticker No. D819
 Date 9/29/10 Sec. 15 Twp. 21 S Range 12 W County STAFFORD State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 2 Interval Tested from 3366 ft. to 3440 ft. Total Depth 3440 ft.
 Packer Depth 3361 ft. Size 6 3/4 in. Packer Depth _____ ft. Size 3350 in.
 Packer Depth 3366 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. 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 9.2 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 5,000 P.P.M. Drill Pipe Length 3226 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 74 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 MIN.) 2" BB
 2nd Open: STRONG (B.O.B 15 MIN.) 1" BB

Recovered 120 ft. of GAS IN PIPE
 Recovered 180 ft. of SLO+GCM (5%OIL 10%GAS 85%MUD)
 Recovered 250 ft. of SLMCGW (5%MUD 10%GAS 85%WATER) CHLORIDES 50,000Ppm

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) 6:40 P.M A.M. P.M. Time Started Off Bottom 9:40 P.M A.M. P.M. Maximum Temperature 106
 Initial Hydrostatic Pressure (A) 1663 P.S.I.
 Initial Flow Period Minutes 30 (B) 40 P.S.I. to (C) 132 P.S.I.
 Initial Closed In Period Minutes 45 (D) 951 P.S.I.
 Final Flow Period Minutes 45 (E) 142 P.S.I. to (F) 217 P.S.I.
 Final Closed In Period Minutes 60 (G) 924 P.S.I.
 Final Hydrostatic Pressure (H) 1611 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.

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: CHRISTIANSEN 2-15

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface:

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D820

Test Unit:

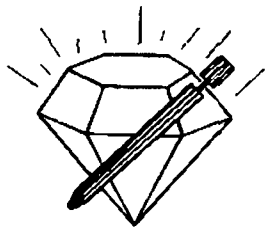
Start Date: 2010/09/30 Start Time: 09:15:00

End Date: 2010/09/30 End Time: 02:20:00

Report Date: 2010/09/30 Prepared By: JOHN RIEDL

Remarks: Qualified By: JOSH AUSTIN

RECOVERY: 30 'DRILLING MUD



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 09:15 09/30/10

OFF 14:20 09/30/10

DRILL-STEM TEST TICKET

FILEstc/CHristiansen2-15dst3

Company L D DRILLING INC Lease & Well No. CHRISTIANSEN 2-15
 Contractor PETROMARK RIG #2 Charge to L D DRILLING INC
 Elevation 1841 K.B Formation ARBUCKLE820 Effective Pay _____ Ft. Ticker No. D820
 Date 9/30/10 Sec. 15 Twp. 21 S Range 12 W County STAFFORD State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 3 Interval Tested from 3444 ft. to 3532 ft. Total Depth 3532 ft.
 Packer Depth 3439 ft. Size 6 3/4 in. Packer Depth _____ ft. Size 3350 in.
 Packer Depth 3444 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. 4,000 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 9.2 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 6,000 P.P.M. Drill Pipe Length 3304 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 88 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 20 MINUTES) NO BB
 2nd Open: NO BLOW NO BB

Recovered 30 ft. of DRILLING MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 30' IN DRILL COLLARS)

	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 10:50 A.M. A.M. P.M. Time Started Off Bottom 12:50 P.M. A.M. P.M. Maximum Temperature 99

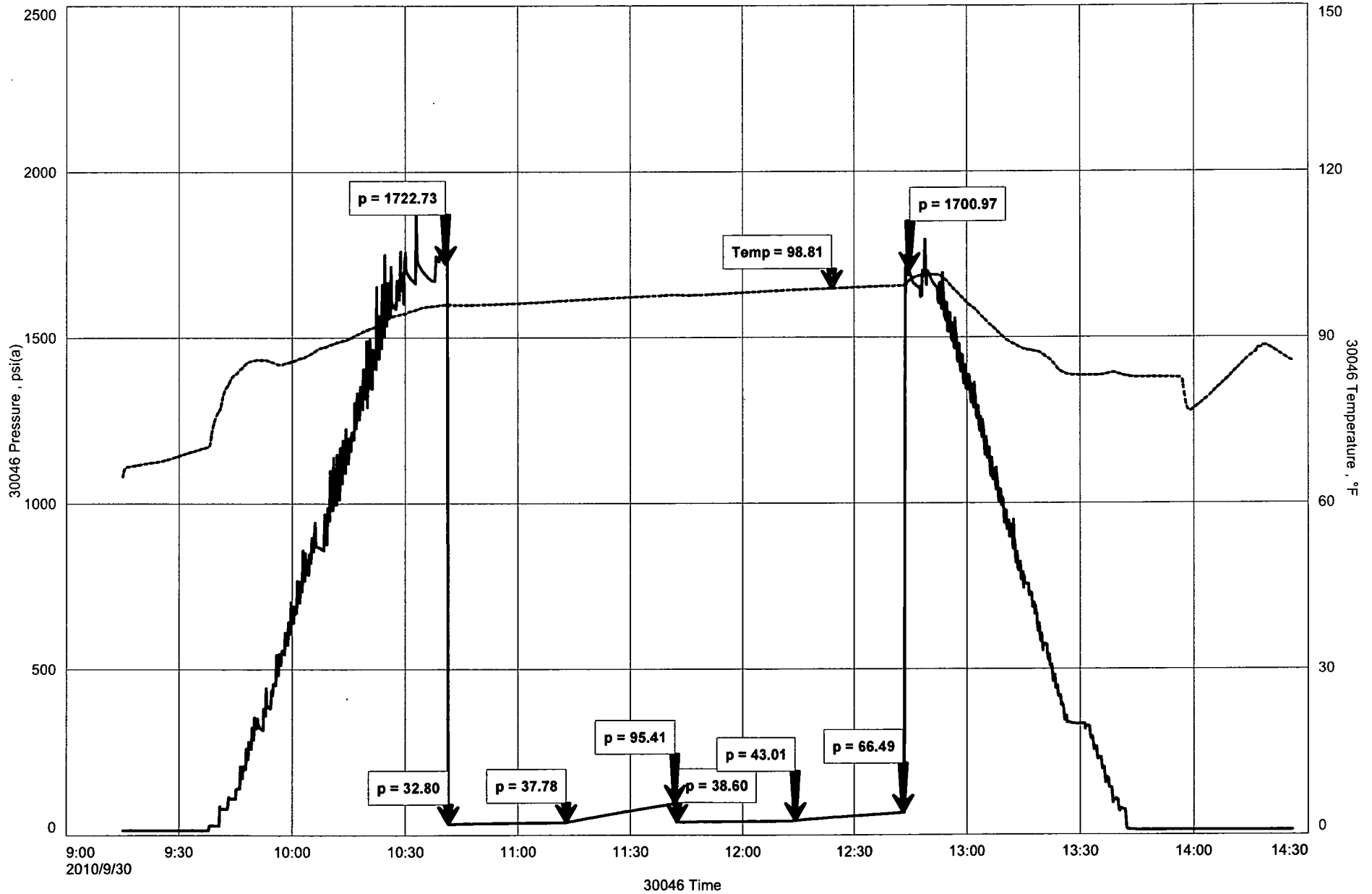
Initial Hydrostatic Pressure (A) 1723 P.S.I.
 Initial Flow Period Minutes 30 (B) 33 P.S.I. to (C) 38 P.S.I.
 Initial Closed In Period Minutes 30 (D) 95 P.S.I.
 Final Flow Period Minutes 30 (E) 39 P.S.I. to (F) 43 P.S.I.
 Final Closed In Period Minutes 30 (G) 66 P.S.I.
 Final Hydrostatic Pressure (H) 1700 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: 2010/09/30
Final Test Date: 2010/09/30

CHRISTIANSEN 2-15
Formation: ARBUCKLE
Job Number: D820

CHRISTIANSEN 2-15



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: CHRISTIANSEN 2-15

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface:

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D821

Test Unit:

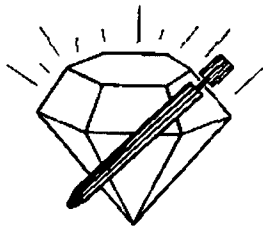
Start Date: 2010/09/30 Start Time: 19:20:00

End Date: 2010/09/30 End Time: 23:00:00

Report Date: 2010/09/30 Prepared By: JOHN RIEDL

Remarks: Qualified By: JOAH AUSTIN

REMARKS: PACKER FAILURE



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON17 14:20 09/30/10

OFF 23:00 09/30/10

DRILL-STEM TEST TICKET

FILEstc/CHristiansen2-15dst1

Company L D DRILLING INC Lease & Well No. CHRISTIANSEN 2-15

Contractor PETROMARK RIG #2 Charge to L D DRILLING INC

Elevation 1841 K.B Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. D820

Date 9/30/10 Sec. 15 Twp. 21 S Range 12 W County STAFFORD State KANSAS

Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 4 Interval Tested from 3531 ft. to 3542 ft. Total Depth 3542 ft.

Packer Depth 3526 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3531 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. 4,000 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 9 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 6,000 P.P.M. Drill Pipe Length 3391 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: PACKER FAILURE

2nd Open: _____

Recovered 720 ft. of DRILLING MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 600' IN DRILL PIPE, 120' IN DRILL COLLARS)

Time Set Packer(s) 8:40 A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature 100

Initial Hydrostatic Pressure _____ (A) 1734 P.S.I.

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

Initial Closed In Period _____ Minutes _____ (D) _____ 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.

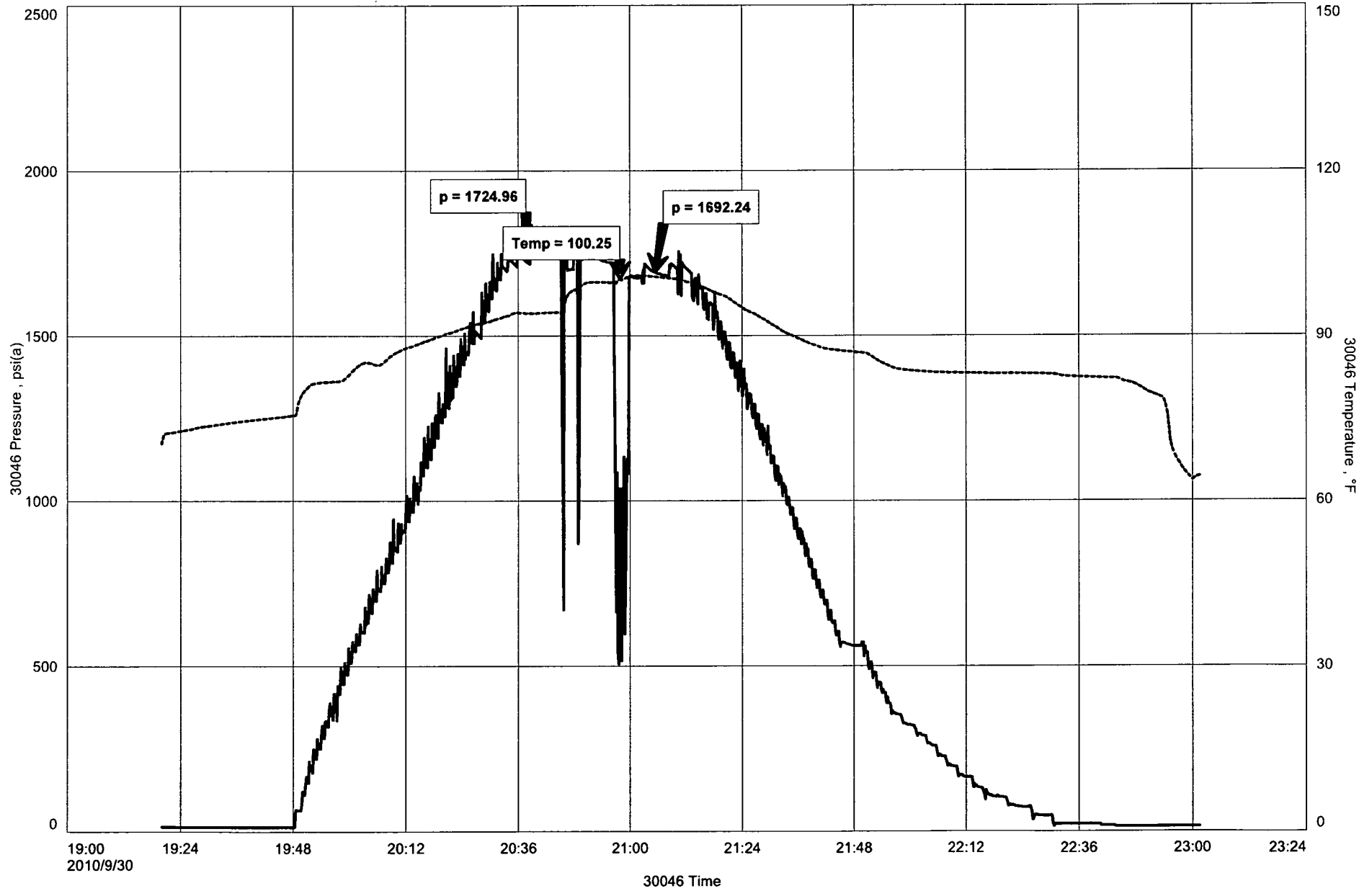
Final Hydrostatic Pressure _____ (H) 1692 P.S.I.

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: 2010/09/30
Final Test Date: 2010/09/30

CHRISTIANSEN 2-15
Formation: ARBUCKLE
Job Number: D821

CHRISTIANSEN 2-15



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: CHRISTIANSEN 2-15

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface:

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D822

Test Unit:

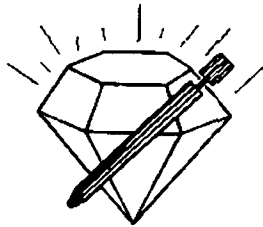
Start Date: 2010/10/01 Start Time: 04:00:00

End Date: 2010/10/01 End Time: 10:00:00

Report Date: 2010/10/01 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 04:00 10/01/10

OFF 10:00 10/01/10

DRILL-STEM TEST TICKET

FILEstc/CHristiansen2-15dst5

Company L D DRILLING INC Lease & Well No. CHRISTIANSEN 2-15
 Contractor PETROMARK RIG #2 Charge to L D DRILLING INC
 Elevation 1841 K.B Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. D822
 Date 10/01/30 Sec. 15 Twp. 21 S Range 12 W County STAFFORD State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 5 Interval Tested from 3443 ft. to 3548 ft. Total Depth 3548 ft.
 Packer Depth 3438 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3443 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3446 ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) _____ 3545 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 9 Water Loss 9 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 6,000 P.P.M. Drill Pipe Length 3303 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 105 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") NO BB
 2nd Open: WEAK(1/2") 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) 5:35 A.M A.M. P.M. Time Started Off Bottom 8:05 A.M A.M. P.M. Maximum Temperature 97

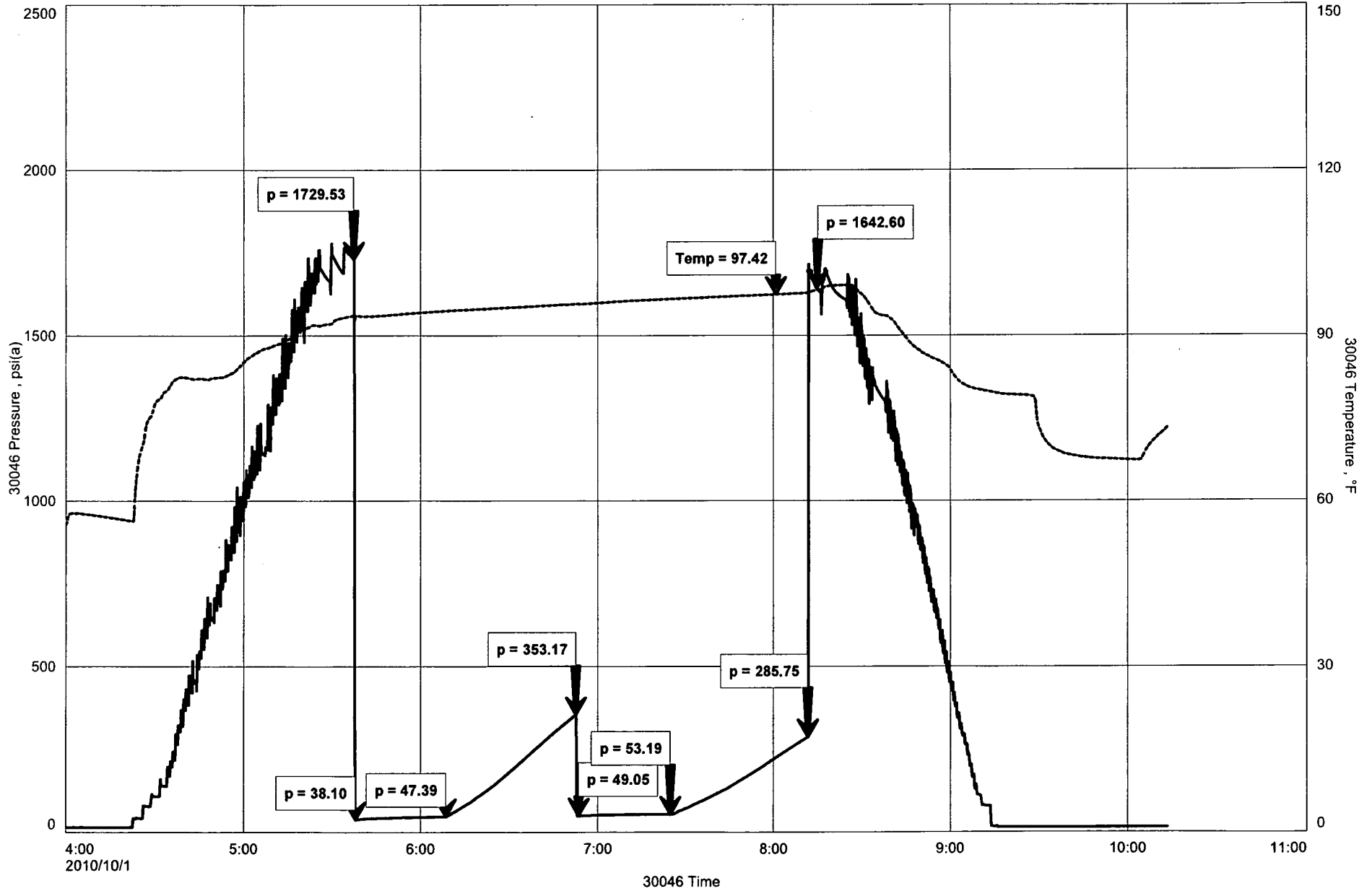
Initial Hydrostatic Pressure (A) 1730 P.S.I.
 Initial Flow Period Minutes 30 (B) 38 P.S.I. to (C) 47 P.S.I.
 Initial Closed In Period Minutes 45 (D) 353 P.S.I.
 Final Flow Period Minutes 30 (E) 49 P.S.I. to (F) 51 P.S.I.
 Final Closed In Period Minutes 45 (G) 286 P.S.I.
 Final Hydrostatic Pressure (H) 1643 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: 2010/10/01
Final Test Date: 2010/10/01

CHRISTIANSEN 2-15
Formation: ARBUCKLE
Job Number: D822

CHRISTIANSEN 2-15



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: CHRISTIANSEN 2-15

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S15/21S/12W STAFFORD CTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL Job Number: D823

Test Unit:

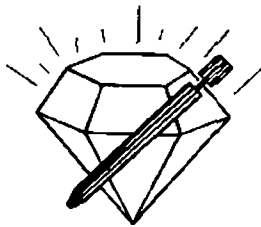
Start Date: 2010/10/01 Start Time: 14:30:00

End Date: 2010/10/01 End Time: 18:00:00

Report Date: 2010/10/01 Prepared By: JOHN RIEDL

Remarks: Qualified By: JIM MUSGROVE

REMARKS: PACKER FAILURE



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 14:30 10/01/10

OFF 10:00 10/01/10

DRILL-STEM TEST TICKET

FILEstc/CHristiansen2-15dst6

Company L D DRILLING INC Lease & Well No. CHRISTIANSEN 2-15
 Contractor PETROMARK RIG #2 Charge to L D DRILLING INC
 Elevation 1841 K.B Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. D823
 Date 10/01/10 Sec. 15 Twp. 21 S Range 12 W County STAFFORD State KANSAS
 Test Approved By JIM MUSGROVE Diamond Representative JOHN C. RIEDL

Formation Test No. 6 Interval Tested from 3546 ft. to 3561 ft. Total Depth 3561 ft.
 Packer Depth 3541 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3546 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3549 ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) _____ 3558 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 9 Water Loss 9 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 7,000 P.P.M. Drill Pipe Length 3406 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 15 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: _____

2nd Open: _____

Recovered 340 ft. of DRILLING MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 340' (220' IN DRILL PIPE, 120' IN DRILL COLLARS)

PACKER FAILURE

Price Job
Other Charges
Insurance
Total

Time Set Packer(s) 4:30 P.M A.M. / P.M. Time Started Off Bottom 4:40 P.M A.M. / P.M. Maximum Temperature 97

Initial Hydrostatic Pressure (A) 1738 P.S.I.

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

Initial Closed In Period Minutes _____ (D) _____ 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.

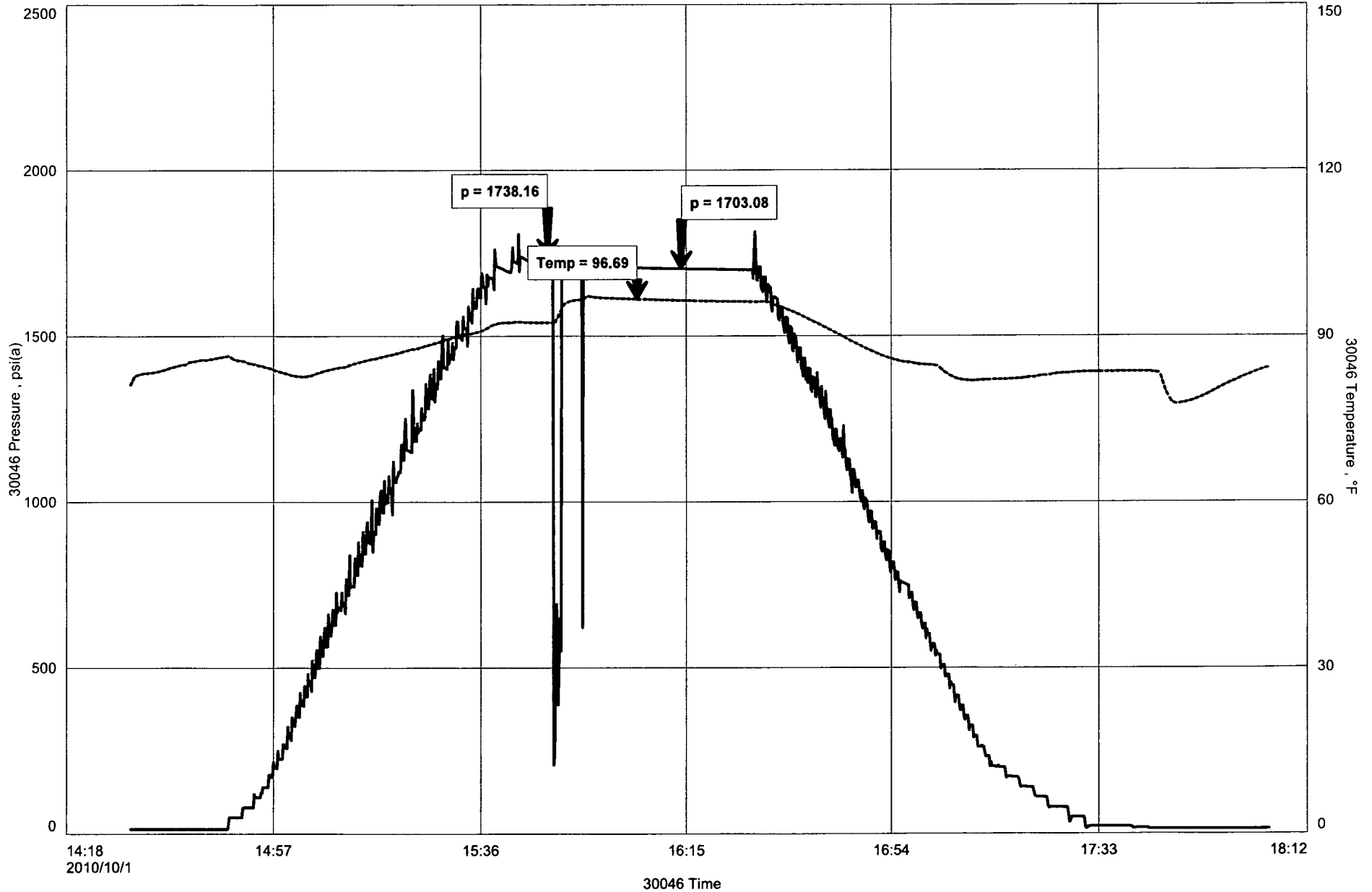
Final Hydrostatic Pressure (H) 1703 P.S.I.

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: 2010/10/01
Final Test Date: 2010/10/01

CHRISTIANSEN 2-15
Formation: ARBUCKLE
Job Number: D823

CHRISTIANSEN 2-15



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: CHRISTIANSEN 2-15

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S15/21S/12W STAFFORD CTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL Job Number: D824

Test Unit:

Start Date: 2010/10/01 Start Time: 18:20:00

End Date: 2010/10/02 End Time: 01:10:00

Report Date: 2010/10/02 Prepared By: JOHN RIEDL

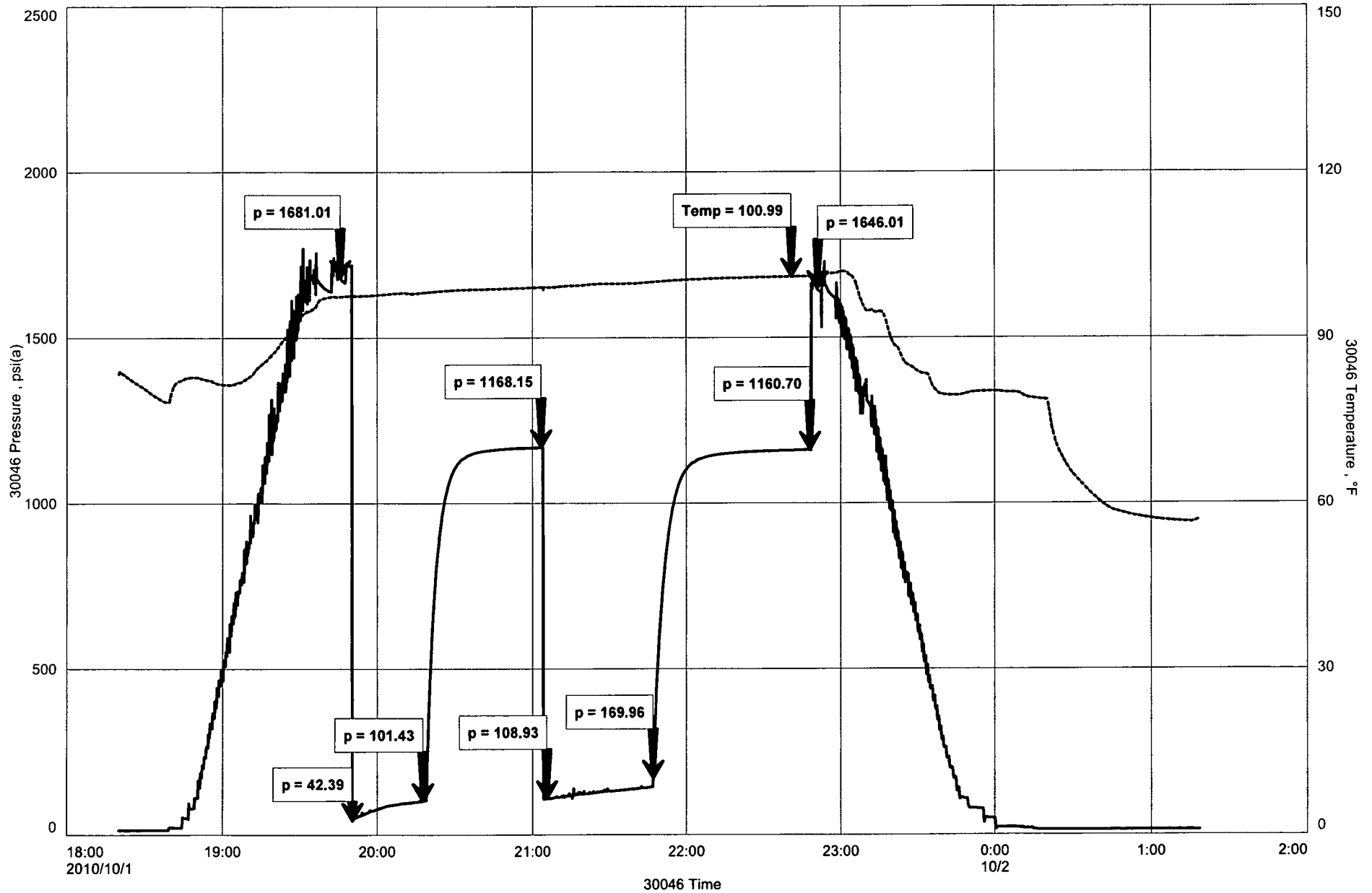
Remarks: Qualified By: JIM MUSGROVE

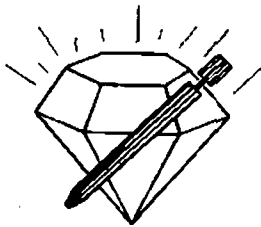
RECOVERY: 240' SLIGHTLY OIL CUT MUD

L D DRILLING INC
Start Test Date: 2010/10/01
Final Test Date: 2010/10/02

CHRISTIANSEN 2-15
Formation: ARBUCKLE
Job Number: D824

CHRISTIANSEN 2-15





DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 18:20 10/01/10

OFF 1:10 10/02/10

DRILL-STEM TEST TICKET

FILEstc/CHristiansen2-15dst7

Company L D DRILLING INC Lease & Well No. CHRISTIANSEN 2-15
 Contractor PETROMARK RIG #2 Charge to L D DRILLING INC
 Elevation 1841 K.B Formation ARBUCKLE Effective Pay _____ Ft. Ticker No. D824
 Date 10/01/10 Sec. 15 Twp. 21 S Range 12 W County STAFFORD State KANSAS
 Test Approved By JIM MUSGROVE Diamond Representative JOHN C. RIEDL

Formation Test No. 7 Interval Tested from 3443 ft. to 3561 ft. Total Depth 3561 ft.
 Packer Depth 3438 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3443 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3446 ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) 3558 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 9.3 Water Loss 8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 10,000 P.P.M. Drill Pipe Length 3303 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 118 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: GOOD (7") NO BB
 2nd Open: GOOD (8") NO BB

Recovered 240 ft. of SLOCM (3%OIL 97%MUD)

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____ Price Job

Recovered _____ ft. of _____ Other Charges

Remarks: TOTAL FLUID RECOVERY:240'(120' IN DRILL PIPE,120' IN DRILL COLLARS) Insurance

_____ Total

Time Set Packer(s) 7:45 P.M A.M. P.M. Time Started Off Bottom 10:45 P.M A.M. P.M. Maximum Temperature 101

Initial Hydrostatic Pressure (A) 1681 P.S.I.

Initial Flow Period Minutes 30 (B) 42 P.S.I. to (C) 101 P.S.I.

Initial Closed In Period Minutes 45 (D) 1168 P.S.I.

Final Flow Period Minutes 45 (E) 109 P.S.I. to (F) 170 P.S.I.

Final Closed In Period Minutes 60 (G) 1161 P.S.I.

Final Hydrostatic Pressure (H) 1646 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.