



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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 #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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: _____ Date: _____



1066614

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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 Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
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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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	BERNICE 4-23
Doc ID	1066614

Tops

Name	Top	Datum
HEEBNER	3094	-1256
TORONTO	3112	-1274
DOUGLAS	3126	-1288
BROWN LIME	3220	-1382
LANSING	3238	-1400
BASE KANSAS CITY	3474	-1636
CONGLOMERATE	3482	-1644
VIOLA	3513	-1675
SIMPDON SHALE	3533	-1695
ARBUCKLE	3580	-1742

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	BERNICE 4-23
Doc ID	1066614

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Tyep and Percent Additives
SURFACE	12.25	8.625	24	331	A-CON BLEND	175	
SURFACE - CONT	12.25	8.625	24	331	COMMON	175	3%CC,2% Gel,1/4#C F
PRODUC TION	7.875	5.5	14	3695	COMMON	160	
RATHOLE	7.875	5.5	14	3695	60/40 POZMIX	30	



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 04862 A

DATE _____ TICKET NO. _____

DATE OF JOB 10-2-2011	DISTRICT PRATT, Ks.	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:		
CUSTOMER LD DRILLING, INC.	LEASE BERNICE	WELL NO. 4-23							
ADDRESS	COUNTY STAFFORD	STATE Ks.							
CITY	STATE	SERVICE CREW LESLEY, LAWRENCE, MCPASKEY, GORDLEY							
AUTHORIZED BY LD DAVIS	JOB TYPE: CNW - 5 1/2" L.S.								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
19907	2						10-2-11	AM	6:00
37586	2							PM	8:30
19889-19842	2							AM	11:45
19832-21010	2							AM	2:00
								PM	3:00
						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: *[Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
MP 100	COMMON	SK	160		2,560.00
MP 103	100/40/02	SK	30		360.00
CC 113	CAL SET	Lb	755		5166.25
CC 200	CEMENT GEL	Lb	302		75.50
CF 103	TOP RUBBER CMT. PLUG, 5 1/2"	EA	1		105.00
CF 251	REGULAR GUIDE SHOE, 5 1/2"	EA	1		250.00
CF 1451	FLAPPERTYPE INSERT FLOAT VALVE, 5 1/2"	EA	1		215.00
CF 11651	TURBOLIZER, 5 1/2"	EA	6		660.00
CC 151	MUD FLUSH	GAL	1000		860.00
E 100	PICKUP MILEAGE	MI	45		191.25
E 101	HEAVY EQUIPMENT MILEAGE	MI	90		630.00
E 113	BUXK DELIVERY CHARGE	TM	398		637.20
CF 204	DEPTH CHARGE; 3001-4000'	HR	1-4		2,160.00
CF 240	BLENDING SERVICE CHARGE	SK	190		266.00
CE 504	PLUG CONTAINER CHARGE	JOB	1		250.00
S 003	SERVICE SUPERVISOR	EA	1		175.00
					SUB TOTAL 7,869.35

CHEMICAL / ACID DATA:			

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

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



James C. Musgrove
Petroleum Geologist

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 L. D. Drilling, Inc.
 LEASE Bernice #4-23
 FIELD Widener
 LOCATION W2-SW-Se-Se
 SEC 23 TWSP 21s RGE 12w
 COUNTY Stafford STATE Kansas
 CONTRACTOR Petromark Drilling LLC
 SPUD 09-23-2011 COMP 10-02-2011
 RTD 3700 LTD 3698
 MUD UP 2883 TYPE MUD Chemical Displacement

ELEVATIONS
 KB 1838
 DF _____
 GL 1833
 Measurements Are All From KB
 CASING
 SURFACE 858' to 831'
 PRODUCTION _____
 ELECTRICAL SURVEYS
 By Log-Tan

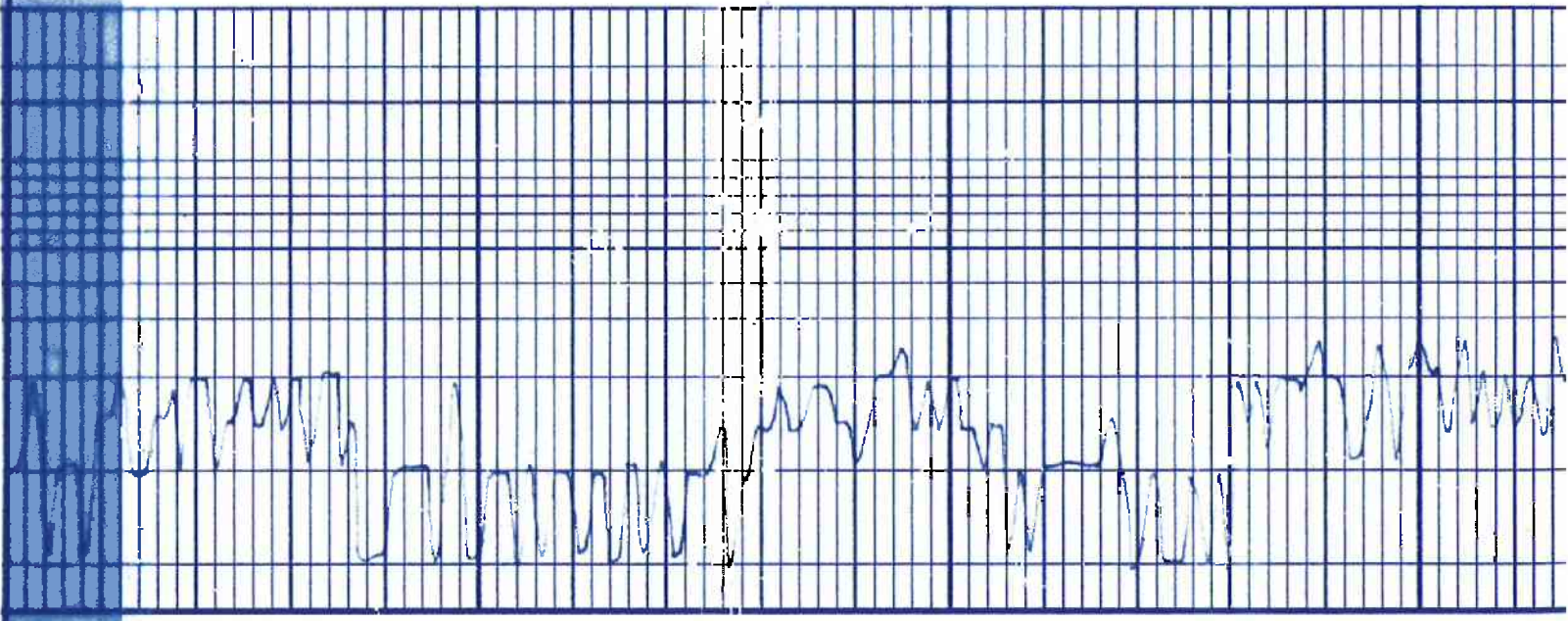
SAMPLES SAVED FROM 2900 TO 3700
 DRILLING TIME KEPT FROM 2900 TO 3700
 SAMPLES EXAMINED FROM 2900 TO 3700 RTD
 GEOLOGICAL SUPERVISION FROM 3010 TO 3700
 GEOLOGIST ON WELL Josh Austin

FORMATION TOPS	LOG	SAMPLES
Hechler	3094 -1254	
Toroato	3112 -1274	
Doglar	3126 -1288	
Brown Lime	3220 -1382	
Lansing	3238 -1400	
Base Kansas City	3474 -1636	
Conglomerate	3482 -1644	
Viola	3513 -1675	
Simpson shale	3533 -1695	
Achardale	3580 -1742	
RTD	3700 -1862	
LTD	3698 -1860	

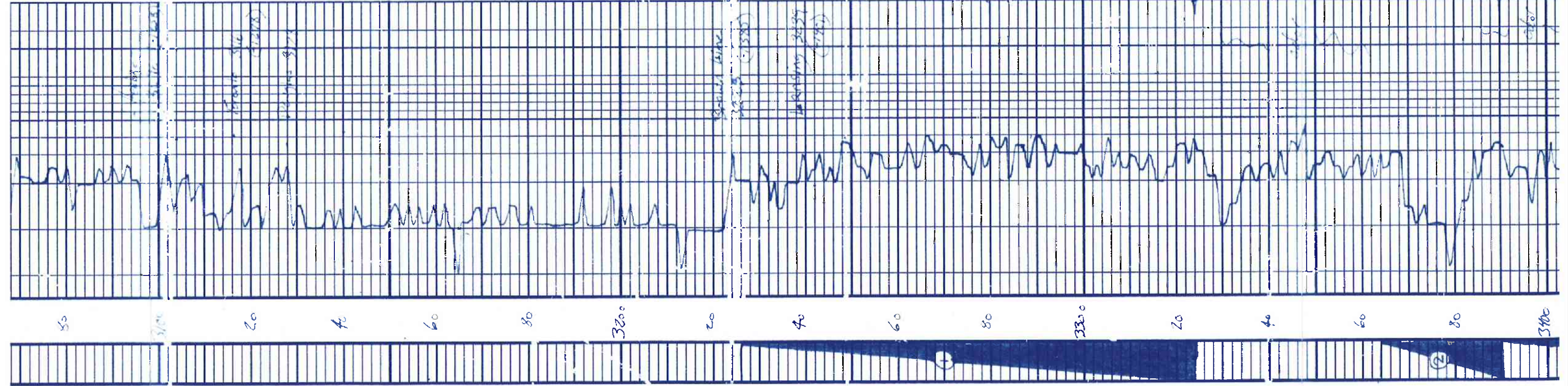
REMARKS

509Z

Handwritten notes in the top section of the log, including formation names and descriptions.



Handwritten numbers (20, 40, 60, 80, 300, 20, 40, 60) along the bottom of the grid, possibly indicating depth or scale.

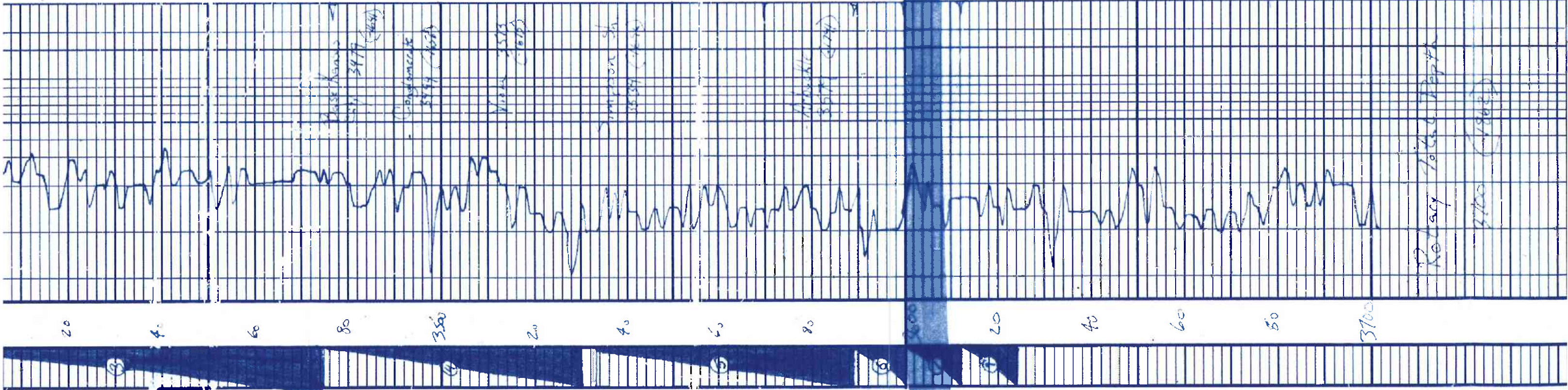


15' 150' - 170' fine sand only in part per dust rock chit 45'	170' - 210' green sh.
170' - 210' fine sand chit 45'	210' - 250' fine sand chit 45'
250' - 300' fine sand chit 45'	300' - 350' fine sand chit 45'
350' - 400' fine sand chit 45'	400' - 450' fine sand chit 45'
450' - 500' fine sand chit 45'	500' - 550' fine sand chit 45'
550' - 600' fine sand chit 45'	600' - 650' fine sand chit 45'
650' - 700' fine sand chit 45'	700' - 750' fine sand chit 45'
750' - 800' fine sand chit 45'	800' - 850' fine sand chit 45'
850' - 900' fine sand chit 45'	900' - 950' fine sand chit 45'
950' - 1000' fine sand chit 45'	1000' - 1050' fine sand chit 45'
1050' - 1100' fine sand chit 45'	1100' - 1150' fine sand chit 45'
1150' - 1200' fine sand chit 45'	1200' - 1250' fine sand chit 45'
1250' - 1300' fine sand chit 45'	1300' - 1350' fine sand chit 45'
1350' - 1400' fine sand chit 45'	1400' - 1450' fine sand chit 45'
1450' - 1500' fine sand chit 45'	1500' - 1550' fine sand chit 45'
1550' - 1600' fine sand chit 45'	1600' - 1650' fine sand chit 45'
1650' - 1700' fine sand chit 45'	1700' - 1750' fine sand chit 45'
1750' - 1800' fine sand chit 45'	1800' - 1850' fine sand chit 45'
1850' - 1900' fine sand chit 45'	1900' - 1950' fine sand chit 45'
1950' - 2000' fine sand chit 45'	2000' - 2050' fine sand chit 45'
2050' - 2100' fine sand chit 45'	2100' - 2150' fine sand chit 45'
2150' - 2200' fine sand chit 45'	2200' - 2250' fine sand chit 45'
2250' - 2300' fine sand chit 45'	2300' - 2350' fine sand chit 45'
2350' - 2400' fine sand chit 45'	2400' - 2450' fine sand chit 45'
2450' - 2500' fine sand chit 45'	2500' - 2550' fine sand chit 45'
2550' - 2600' fine sand chit 45'	2600' - 2650' fine sand chit 45'
2650' - 2700' fine sand chit 45'	2700' - 2750' fine sand chit 45'
2750' - 2800' fine sand chit 45'	2800' - 2850' fine sand chit 45'
2850' - 2900' fine sand chit 45'	2900' - 2950' fine sand chit 45'
2950' - 3000' fine sand chit 45'	3000' - 3050' fine sand chit 45'
3050' - 3100' fine sand chit 45'	3100' - 3150' fine sand chit 45'
3150' - 3200' fine sand chit 45'	3200' - 3250' fine sand chit 45'
3250' - 3300' fine sand chit 45'	3300' - 3350' fine sand chit 45'
3350' - 3400' fine sand chit 45'	

DIST #1 3226-3224
30-45-45-75
Blow string BOB 30 sec
GTS in 3 min
BOB blowback
Final GTS through (283m/90)
BOB blowback
Roc: 882' 940cm
882' GMCO
498' GM0
C' M20
Pressure ISIP 864
ISIP 858
IFP 333-327
FFP 358-520
ASH 1511
-1510

DIST #2 3364-3390
30-45-45-60
Blow string BOB in 30 sec
BOB blowback
Roc: 308 mml/hy
BOB blowback
ISIP 523 down off
Pressure: ISIP 795 PSI
ISIP 788
IFP 48-45
FFP 109-125
ASH 1503
-554

DIST #3 3390-3475



Blow. BOB 345m G/T Inflow Final GTS 2 tabs 1.71 mscfb BOB shut in on both	Blow. BOB 345m G/T Inflow Final GTS 2 tabs 1.71 mscfb BOB shut in on both
Recovery 1067 G/g Pressures 151P 277 FSIP 645 IFP 56-141 FFP 180-270 H4H 1598 -1887	Recovery 1067 G/g Pressures 151P 277 FSIP 645 IFP 56-141 FFP 180-270 H4H 1598 -1887
DST # 7 545-3580 45-45 45-45 Blow. BOB in 10 min BOB blowback Recovery 962 G/MCC (4% gas 45% oil 50% mod)	DST # 7 545-3580 45-45 45-45 Blow. BOB in 10 min BOB blowback Recovery 962 G/MCC (4% gas 45% oil 50% mod)
Gravity 13-15 Pressure DIP 1210 P/si FSIP 1083 IFP 18-11 FFP 179-155 H4H 1035 -1613	Gravity 13-15 Pressure DIP 1210 P/si FSIP 1083 IFP 18-11 FFP 179-155 H4H 1035 -1613
DST # 5 3533-3584 45-45-45-45 Blow. built to 6" Blow. built to 2" Recovery 65 G/OSM (2% gas 2% oil 96% mod)	DST # 5 3533-3584 45-45-45-45 Blow. built to 6" Blow. built to 2" Recovery 65 G/OSM (2% gas 2% oil 96% mod)
Pressure 151P 74 PSI FSIP 69 IFP 20-38 FFP 40-32 H4H 1662 -1658	Pressure 151P 74 PSI FSIP 69 IFP 20-38 FFP 40-32 H4H 1662 -1658
Shale & Sand 60 Blow. BOB 4 min Final BOB 5 min Blowback BOB on both	Shale & Sand 60 Blow. BOB 4 min Final BOB 5 min Blowback BOB on both
DST # 7 3600-3612 -110 run - DST # 8 3533-3612 30-45-45-60 Blow. BOB 4 min Final BOB 5 min Blowback BOB on both Recovery 1734 GIP 219 CO 378 G/HO C/M 2% G 35% O 17% W 90% M 125 G/HO C/M 4% G 26% O 20% W 50% M Pressure 151P 705 FSIP 690 IFP 105-180 FFP 207-297 H4H 1650 -1622	DST # 7 3600-3612 -110 run - DST # 8 3533-3612 30-45-45-60 Blow. BOB 4 min Final BOB 5 min Blowback BOB on both Recovery 1734 GIP 219 CO 378 G/HO C/M 2% G 35% O 17% W 90% M 125 G/HO C/M 4% G 26% O 20% W 50% M Pressure 151P 705 FSIP 690 IFP 105-180 FFP 207-297 H4H 1650 -1622
DST # 9 3612-3624 30-45-45-60 Blow. BOB 4 min Final BOB 5 min Blowback BOB on both	DST # 9 3612-3624 30-45-45-60 Blow. BOB 4 min Final BOB 5 min Blowback BOB on both

Blow. BOB 345m G/T Inflow
Final GTS 2 tabs 1.71 mscfb
BOB shut in on both
Recovery 1067 G/g
Pressures 151P 277
FSIP 645
IFP 56-141
FFP 180-270
H4H 1598
-1887
DST # 7 545-3580
45-45 45-45
Blow. BOB in 10 min
BOB blowback
Recovery 962 G/MCC
(4% gas 45% oil 50% mod)
Gravity 13-15
Pressure DIP 1210 P/si
FSIP 1083
IFP 18-11
FFP 179-155
H4H 1035
-1613
DST # 5 3533-3584
45-45-45-45
Blow. built to 6"
Blow. built to 2"
Recovery 65 G/OSM
(2% gas 2% oil 96% mod)
Pressure 151P 74 PSI
FSIP 69
IFP 20-38
FFP 40-32
H4H 1662
-1658
Shale & Sand 60
Blow. BOB 4 min
Final BOB 5 min
Blowback BOB on both
DST # 7 3600-3612
-110 run -
DST # 8 3533-3612
30-45-45-60
Blow. BOB 4 min
Final BOB 5 min
Blowback BOB on both
Recovery 1734 GIP
219 CO
378 G/HO C/M
2% G 35% O 17% W 90% M
125 G/HO C/M
4% G 26% O 20% W 50% M
Pressure 151P 705
FSIP 690
IFP 105-180
FFP 207-297
H4H 1650
-1622
DST # 9 3612-3624
30-45-45-60
Blow. BOB 4 min
Final BOB 5 min
Blowback BOB on both

Final Bob in 90 sec
Bob blew back on both

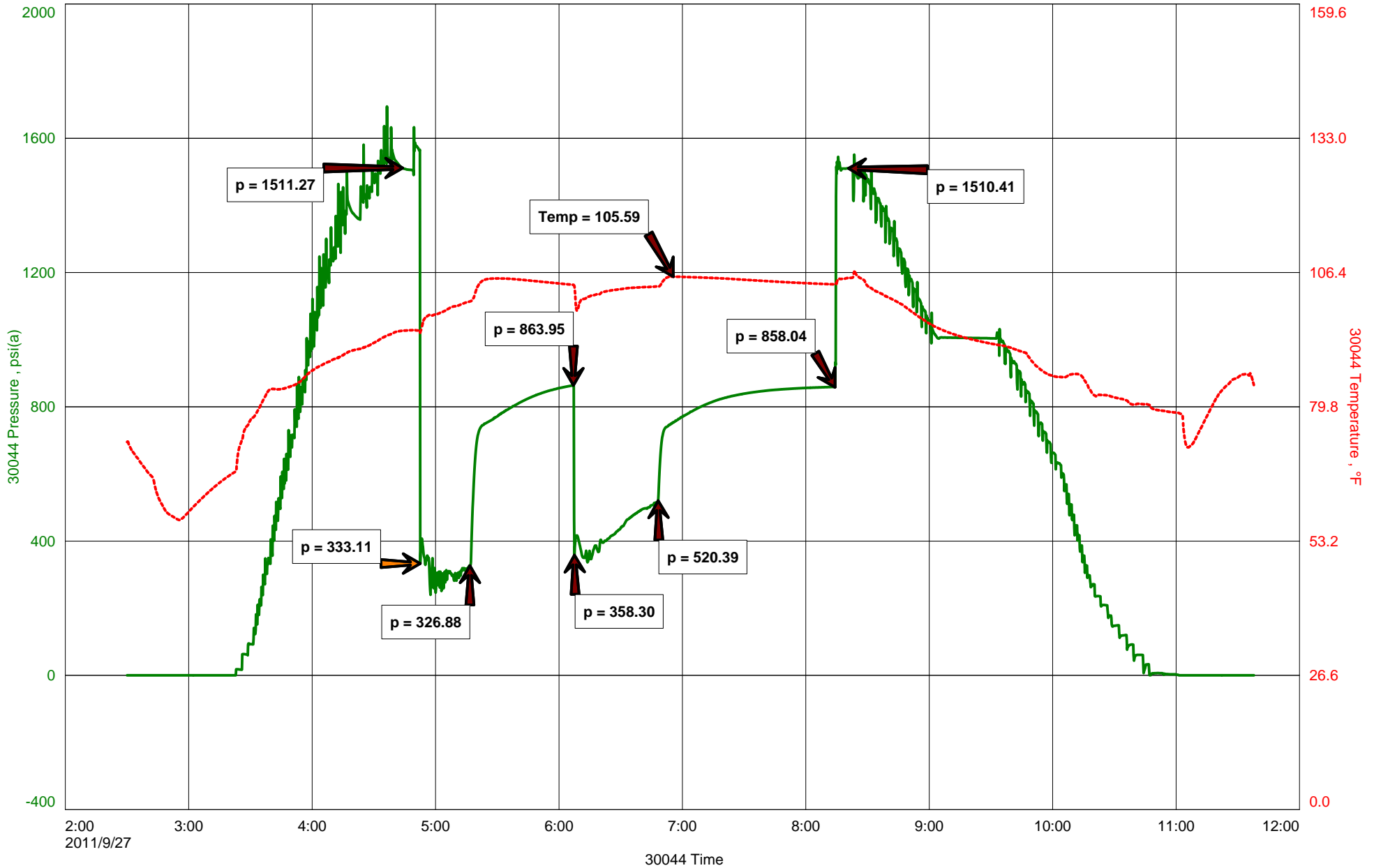
Recovery 157 GIP
1197 FO
122 G HOCUM
(cut 30.0 to 1.0 27.0)

Pressure 151P 790
FSIP 171
1FP 153-309
FFP 360-492
-4471 1705
-1104

L.D. DRLG
DST#1 3226-3324 LANSING A-F
Start Test Date: 2011/09/27
Final Test Date: 2011/09/27

BERNICE #4-23
Formation: DST#1 3226-3324 LANSING A-F
Pool: WILDCAT
Job Number: M214

PENKA #1-19



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRLG	Job Number	M214
Well Name	BERNICE #4-23	Representative	MIKE COCHRAN
Unique Well ID	DST#1 3226-3324 LANSING A-F	Well Operator	L.D. DRLG
Surface Location	SEC.23-21S-12W STAFFORD CO.KS.	Report Date	2011/09/27
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOSH AUSTIN
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 3226-3324 LANSING A-F		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/09/27	Start Test Time	02:30:00
Final Test Date	2011/09/27	Final Test Time	11:38:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
882' GHOCM 30% GAS, 50% EMULSIFIED OIL, 20% MUD,
882' GMCO 30% GAS, 63% OIL, 7% MUD
498' GMO 5% GAS, 90% OIL, 5% MUD (378' DP 120' DC)
2' MW 94% WTR, 6% MUD, THICK SCUM OF OIL
2264' TOTAL FLUID

GTS 3 MIN 1ST OPEN

FINAL FLOW: 283 MCF/DAY SEE ATTCHD GAS RPT

A LITTLE BIT OF MUD TO SURFACE 40 MIN 2ND OPEN

CHLOR: 58,000 PPM
PH:8.0
RW: .11 @ 100DEG

TOOL SAMPLE: MOSTLY GAS AND SOME OIL



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

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

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

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

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

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

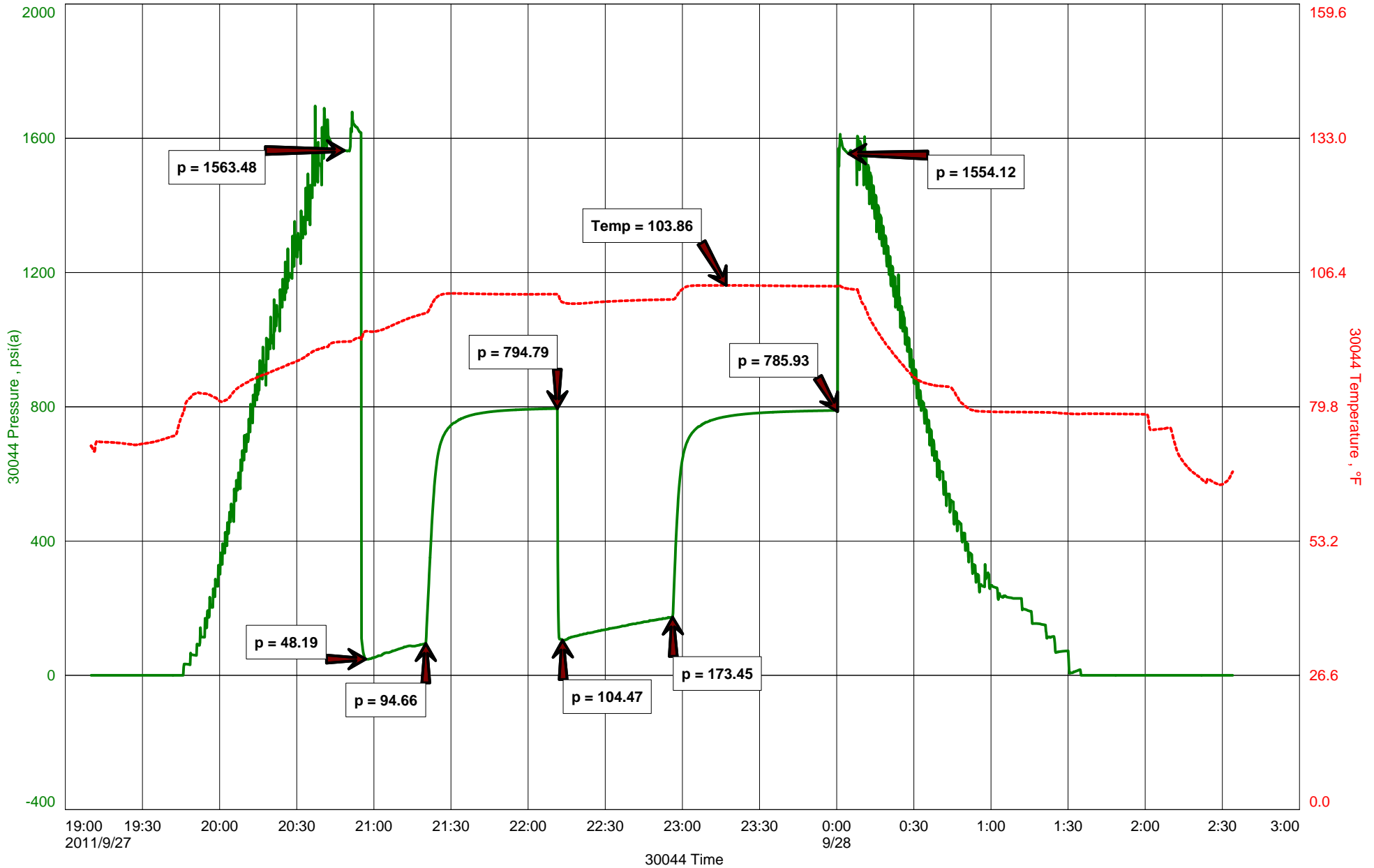
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

L.D. DRLG
DST#2 3364-3390 LANSING H
Start Test Date: 2011/09/27
Final Test Date: 2011/09/28

BERNICE #4-23
Formation: DST#2 3364-3390 LANSING H
Pool: WILDCAT
Job Number: M215

BERNICE #4-23



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRLG	Job Number	M215
Well Name	BERNICE #4-23	Representative	MIKE COCHRAN
Unique Well ID	DST#2 3364-3390 LANSING H	Well Operator	L.D. DRLG
Surface Location	SEC.23-21S-12W STAFFORD CO.KS.	Report Date	2011/09/27
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOSH AUSTIN
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 3364-3390 LANSING H		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/09/27	Start Test Time	19:10:00
Final Test Date	2011/09/28	Final Test Time	02:35:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
563' CO 100% OIL
563' TOTAL FLUID

GRAVITY: 33.2 @ 60

TOOL SAMPLE: GASSY OIL



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

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

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

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

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

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

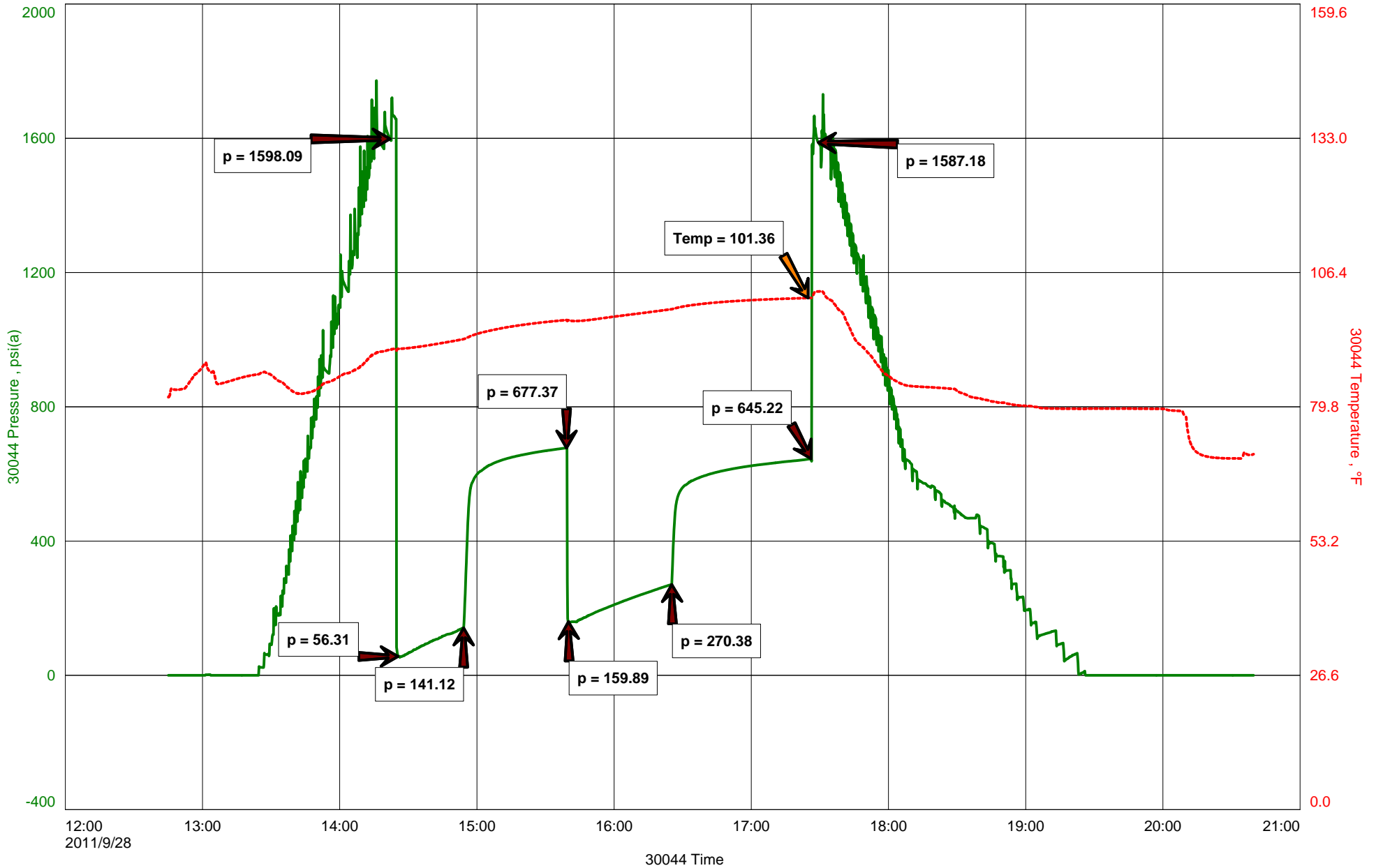
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

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L.D. DRLG
DST#3 3390-3475 LANSING I,J,K
Start Test Date: 2011/09/28
Final Test Date: 2011/09/28

BERNICE #4-23
Formation: DST#3 3390-3475 LANSING I,J,K
Pool: WILDCAT
Job Number: M216

BERNICE #4-23



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRLG	Job Number	M216
Well Name	BERNICE #4-23	Representative	MIKE COCHRAN
Unique Well ID	DST#3 3390-3475 LANSING I,J,K	Well Operator	L.D. DRLG
Surface Location	SEC.23-21S-12W STAFFORD CO.KS.	Report Date	
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOSH AUSTIN
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#3 3390-3475 LANSING I,J,K		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/09/28	Start Test Time	12:45:00
Final Test Date	2011/09/28	Final Test Time	20:40:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
1067' CGO 30% GAS 70% OIL
1067 TOTAL FLUID

GRAVITY: 26.8 @ 60
TOOL SAMPLE: GASSY OIL



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

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

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

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

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

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

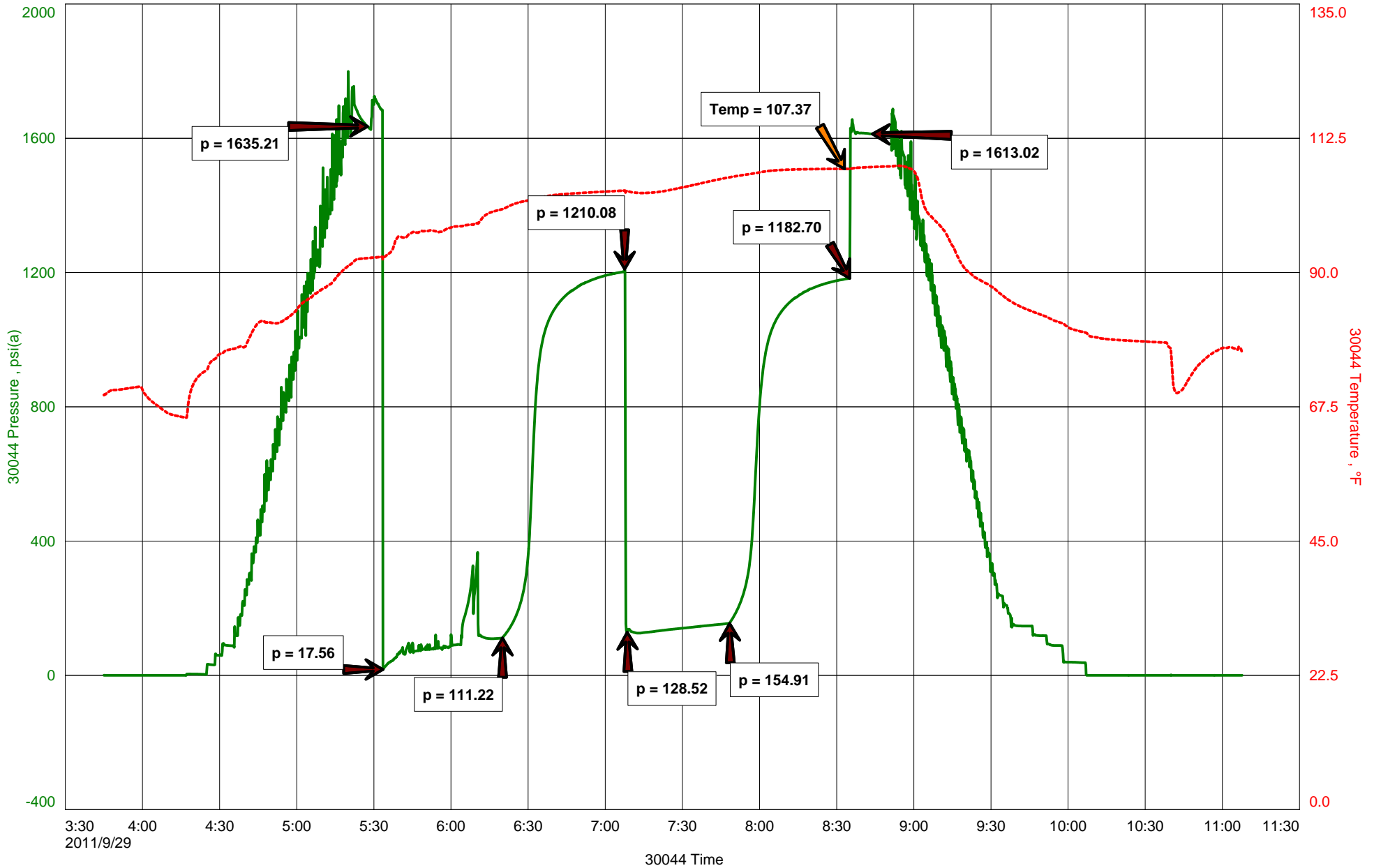
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

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L.D. DRLG
DST#4 3475-3530 CONGL/VIOLA
Start Test Date: 2011/09/29
Final Test Date: 2011/09/29

BERNICE #4-23
Formation: DST#4 3475-3530 CONGL/VIOLA
Pool: WILDCAT
Job Number: M217

BERNICE #4-23



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRLG	Job Number	M217
Well Name	BERNICE #4-23	Representative	MIKE COCHRAN
Unique Well ID	DST#4 3475-3530 CONGL/VIOLA	Well Operator	L.D. DRLG
Surface Location	SEC.23-21S-12W STAFFORD CO.KS.	Report Date	2011/09/29
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOSH AUSTIN
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#4 3475-3530 CONGL/VIOLA		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/09/29	Start Test Time	03:45:00
Final Test Date	2011/09/29	Final Test Time	10:50:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
462' GMCO 2% GAS, 65% OIL, 33% MUD
462' TOTAL FLUID

TOOL SAMPLE: GASSY MUDDY OIL



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

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

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

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

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

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

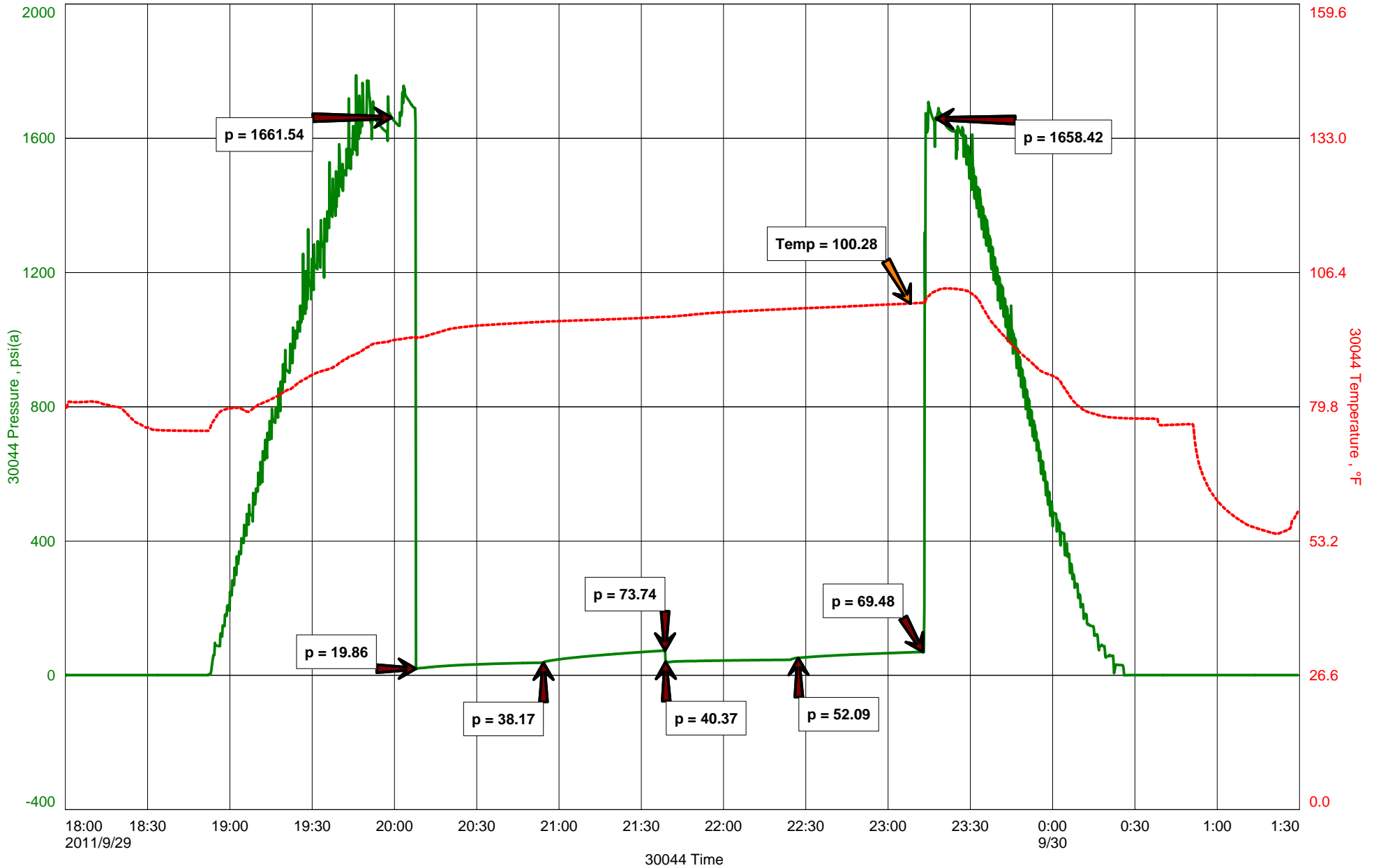
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

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L.D. DRLG
DST#5 3533-3589 ARBUCKLE
Start Test Date: 2011/09/29
Final Test Date: 2011/09/30

BERNICE #4-23
Formation: DST#5 3533-3589 ARBUCKLE
Pool: WILDCAT
Job Number: M218

BERNICE #4-23



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRLG	Job Number	M218
Well Name	BERNICE #4-23	Representative	MIKE COCHRAN
Unique Well ID	DST#5 3533-3589 ARBUCKLE	Well Operator	L.D. DRLG
Surface Location	SEC.23-21S-12W STAFFORD CO.KS.	Report Date	2011/09/30
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOSH AUSTIN
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#5 3533-3589 ARBUCKLE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/09/29	Start Test Time	18:00:00
Final Test Date	2011/09/30	Final Test Time	01:30:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
65' GOSM 2% GAS, 2% OIL, 96% MUD
65' TOTAL FLUID

TOOL SAMPLE: 2% GAS, 25% OIL, 73% MUD



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

TIME ON: _____
 TIME OFF: _____

Company _____ Lease & Well No. _____
 Contractor _____ Charge to _____
 Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
 Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
 Test Approved By _____ Diamond Representative _____

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

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

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
 Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
 Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
 2nd Open: _____

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

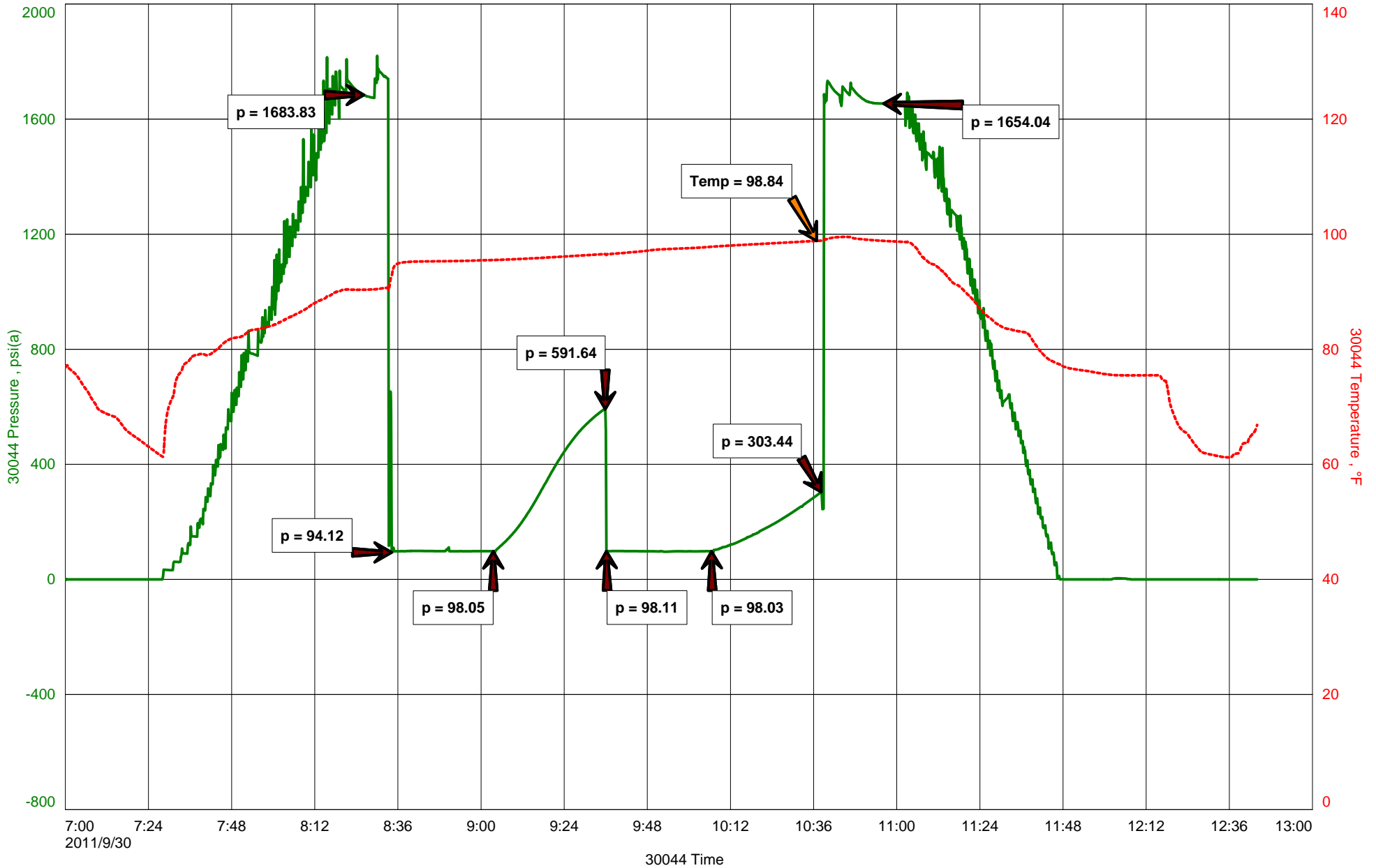
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
 Initial Hydrostatic Pressure..... (A) _____ P.S.I.
 Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
 Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
 Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
 Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
 Final Hydrostatic Pressure..... (H) _____ P.S.I.

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L.D. DRLG
DST#6 3589-3600 ARBUCKLE
Start Test Date: 2011/09/30
Final Test Date: 2011/09/30

BERNICE #4-23
Formation: DST#6 3589-3600 ARBUCKLE
Pool: WILDCAT
Job Number: M219

BERNICE #4-23



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRLG	Job Number	M219
Well Name	BERNICE #4-23	Representative	MIKE COCHRAN
Unique Well ID	DST#6 3589-3600 ARBUCKLE	Well Operator	L.D. DRLG
Surface Location	SEC.23-21S-12W STAFFORD CO.KS.	Report Date	2011/09/30
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOSH AUSTIN
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#6 3589-3600 ARBUCKLE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/09/30	Start Test Time	07:00:00
Final Test Date	2011/09/30	Final Test Time	12:45:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
150' DM 100% MUD W/A SCUM OF OIL
150' TOTAL FLUID

TOOL SAMPLE: DM W/ OIL SPOTS AND A SLIGHT GASSY ODOR



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

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

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

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

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

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

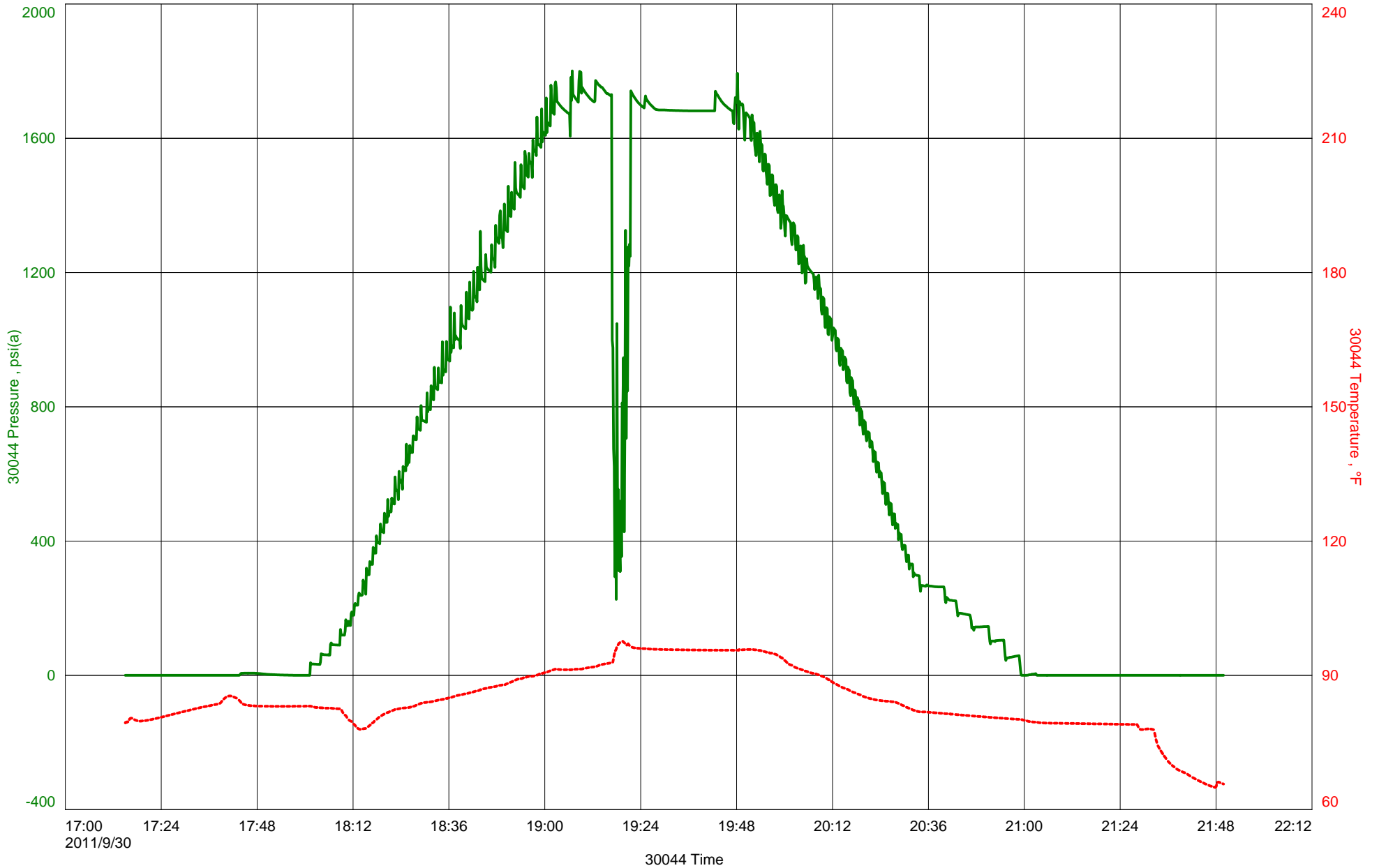
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

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L.D. DRLG
DST#7 3600-3612 ARBUCKLE
Start Test Date: 2011/09/30
Final Test Date: 2011/09/30

BERNICE #4-23
Formation: DST#7 3600-3612 ARBUCKLE
Pool: WILDCAT
Job Number: M220

BERNICE #4-23



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRLG	Job Number	M220
Well Name	BERNICE #4-23	Representative	MIKE COCHRAN
Unique Well ID	DST#7 3600-3612 ARBUCKLE	Well Operator	L.D. DRLG
Surface Location	SEC.23-21S-12W STAFFORD CO.KS.	Report Date	2011/09/30
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOSH AUSTIN
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#7 3600-3612 ARBUCKLE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/09/30	Start Test Time	17:15:00
Final Test Date	2011/09/30	Final Test Time	21:50:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
NO PACKER SEAT

TOOL SAMPLE: SPOTS OF OIL IN TOOL



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

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

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

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

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

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

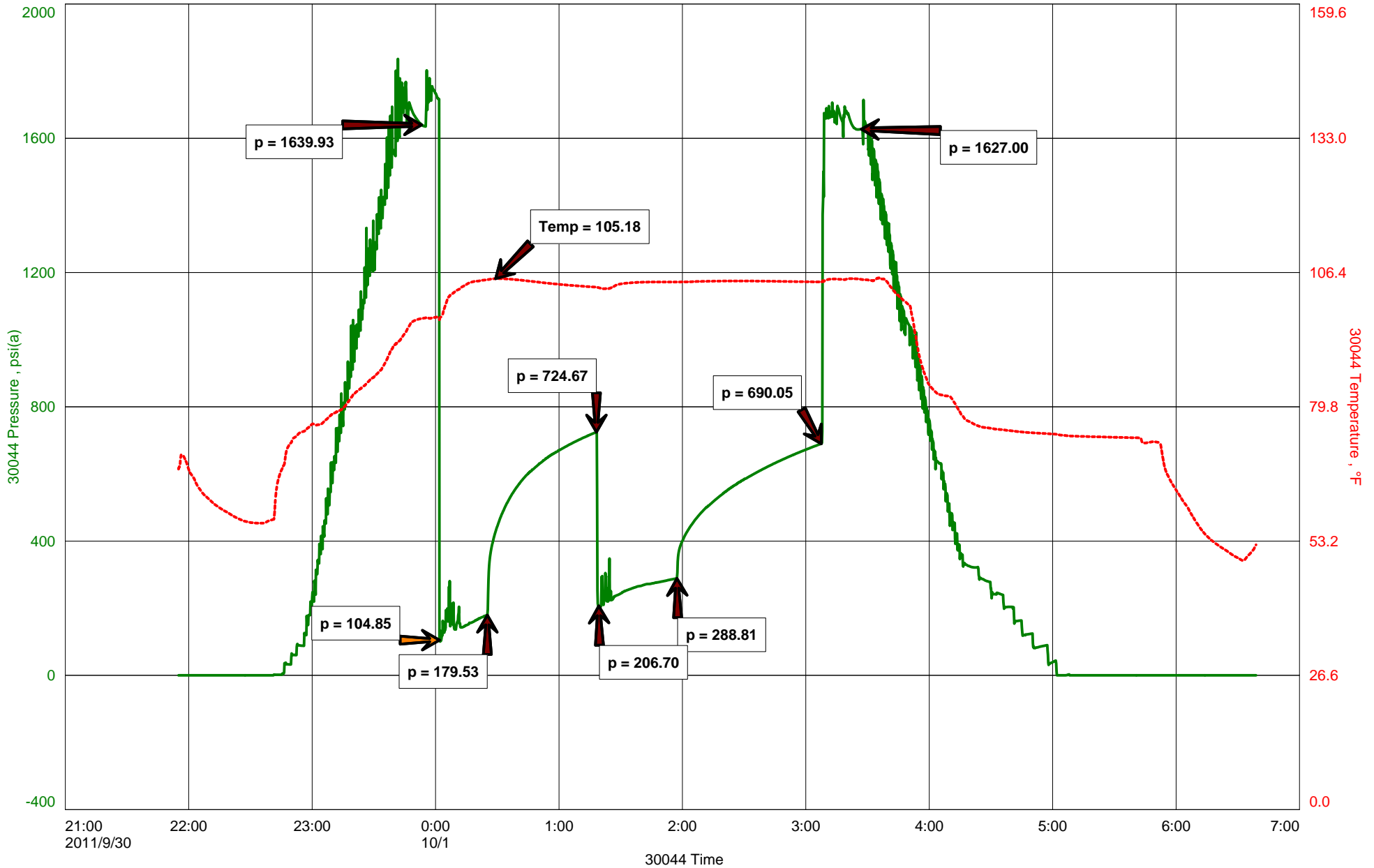
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

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L.D. DRLG
DST#8 3533-3612 ARBUCKLE
Start Test Date: 2011/09/30
Final Test Date: 2011/10/01

BERNICE #4-23
Formation: DST#8 3533-3612 ARBUCKLE
Pool: WILDCAT
Job Number: M221

BERNICE #4-23



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRLG	Job Number	M221
Well Name	BERNICE #4-23	Representative	MIKE COCHRAN
Unique Well ID	DST#8 3533-3612 ARBUCKLE	Well Operator	L.D. DRLG
Surface Location	SEC.23-21S-12W STAFFORD CO.KS.	Report Date	2011/10/01
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOSH AUSTIN
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#8 3533-3612 ARBUCKLE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/09/30	Start Test Time	21:55:00
Final Test Date	2011/10/01	Final Test Time	06:40:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
1734' GIP
219' CO 100% OIL
378' GHOCWM 2% GAS, 35% OIL, 17% WTR, 46% MUD
122' GHOCWM 4% GAS, 26% OIL, 20% WTR, 50% MUD
719' TOTAL FLUID

CHLOR: 12,000 PPM
PH:9.5
RW: .46 @79
GRAVITY: 39.0@ 60

TOOL SAMPLE: 2% GAS, 68% OIL, 19% WTR, 11% MUD



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

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

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

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

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

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

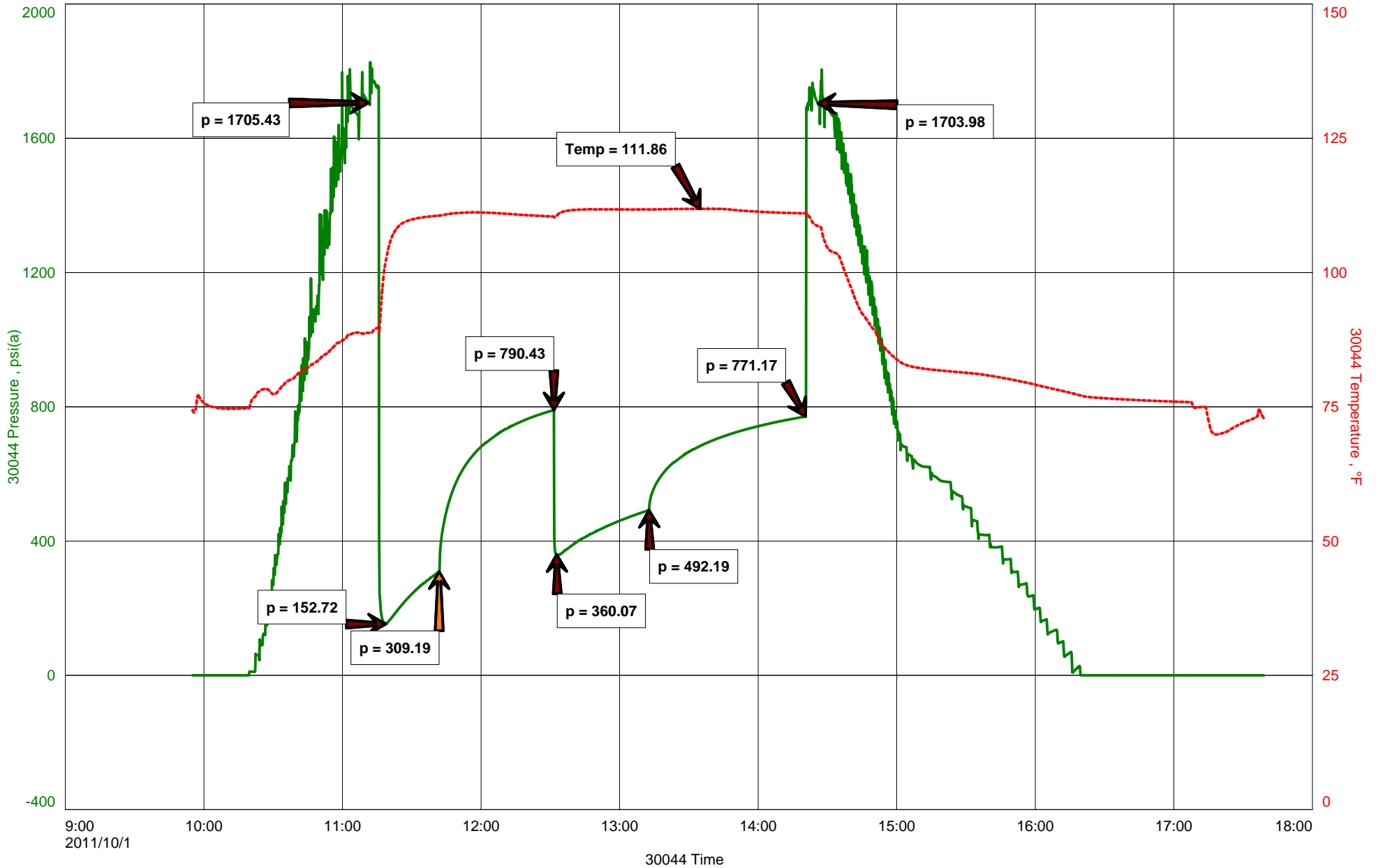
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

L.D. DRLG
DST#9 3612-3624 ARBUCKLE
Start Test Date: 2011/10/01
Final Test Date: 2011/10/01

BERNICE #4-23
Formation: DST#9 3612-3624 ARBUCKLE
Pool: WILDCAT
Job Number: M222

BERNICE #4-23



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRLG	Job Number	M222
Well Name	BERNICE #4-23	Representative	MIKE COCHRAN
Unique Well ID	DST#9 3612-3624 ARBUCKLE	Well Operator	L.D. DRLG
Surface Location	SEC.23-21S-12W STAFFORD CO.KS.	Report Date	2011/10/01
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOSH AUSTIN
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#9 3612-3624 ARBUCKLE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/10/01	Start Test Time	09:55:00
Final Test Date	2011/10/01	Final Test Time	18:30:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
1953 GIP
1197 FREE OIL
122 GHOCWM 20% GAS, 36% OIL, 20% WTR, 24% MUD
1319 TOTAL FLUID

GRAVITY: 37.2 @ 60

TOOL SAMPLE: 4% GAS, 62% OIL, 12% WTR, 22% MUD



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

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

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

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

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

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

Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ 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) _____ P.S.I.

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