



**DIAMOND TESTING**  
 P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: Blaship#3-2Dst#1

TIME ON: 8:14  
 TIME OFF: 14:31

Company L.D. Drilling Lease & Well No. Blakenship #3-2  
 Contractor Petromark Rig 2 Charge to L.D. Drilling  
 Elevation 1951 Formation Upper Lans. Effective Pay -- Ft. Ticket No. S0506  
 Date 9-29-14 Sec. 2 Twp. 19 S Range 15 W County Barton State KANSAS  
 Test Approved By Jim Musgrove Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 3270 ft. to 3320 ft. Total Depth 3320 ft.

Packer Depth 3265 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 3270 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3258 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3306 ft. Recorder Number 5586 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 48 Drill Collar Length 123 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 10 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 6800 P.P.M. Drill Pipe Length 3121 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number na Test Tool Length 26 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out No Anchor Length 50(18.5a) 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: 1/4" Blow-Built to BOB in 12mins WSBB

2nd Open: 2" Blow-Built to BOB in 3 1/2mins 3/4" BB

Recovered 441 ft. of GIP

Recovered 40 ft. of SLG&WCMCO 10% G 49% O 13% W 28% M

Recovered 123 ft. of SLW&MCHO CG 40% G 30% O 13% W 17% M

Recovered 163 ft. of TOTAL FLUID

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_ Price Job

Recovered \_\_\_\_\_ ft. of PH: 7 RW: .24 @ 84 degrees F Other Charges

Remarks: CHLORIDES: 24,000 ppm Insurance

TOOL SAMPLE: 82% O 13% W 5% M

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_ Total

Time Set Packer(s) 10:04AM <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 1:04PM <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 108

Initial Hydrostatic Pressure..... (A) 1537 P.S.I.

Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 48 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1001 P.S.I.

Final Flow Period..... Minutes 45 (E) 43 P.S.I. to (F) 69 P.S.I.

Final Closed In Period..... Minutes 60 (G) 997 P.S.I.

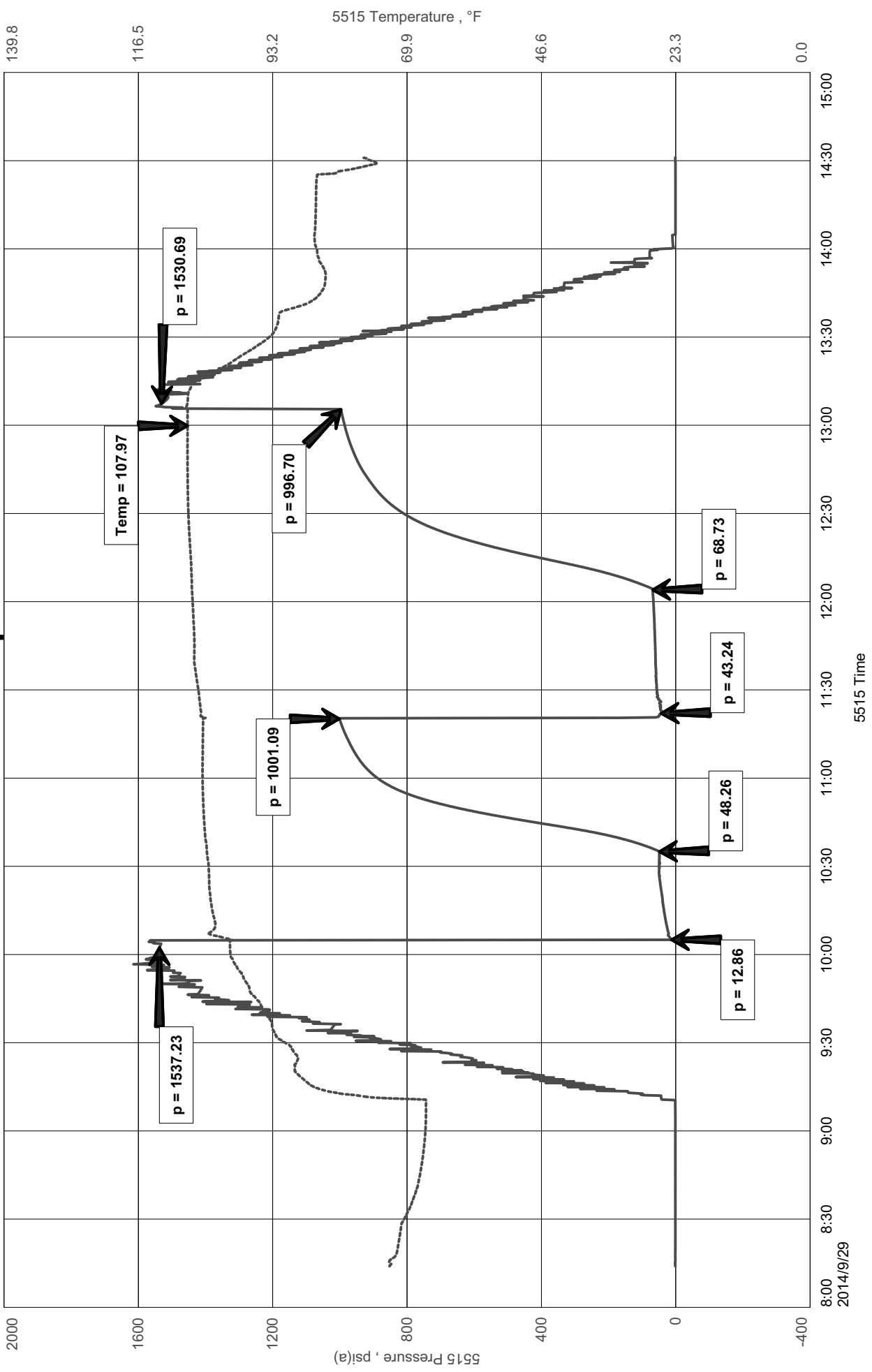
Final Hydrostatic Pressure..... (H) 1531 P.S.I.

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  
 Dst #1 Upper Lans. 3270-3320'  
 Start Test Date: 2014/09/29  
 Final Test Date: 2014/09/29

Blankenship #3-2  
 Formation: Dst #1 Upper Lans. 3270-3320'  
 Pool: Infield  
 Job Number: S0506

# Blankenship #3-2



# Diamond Testing LLC

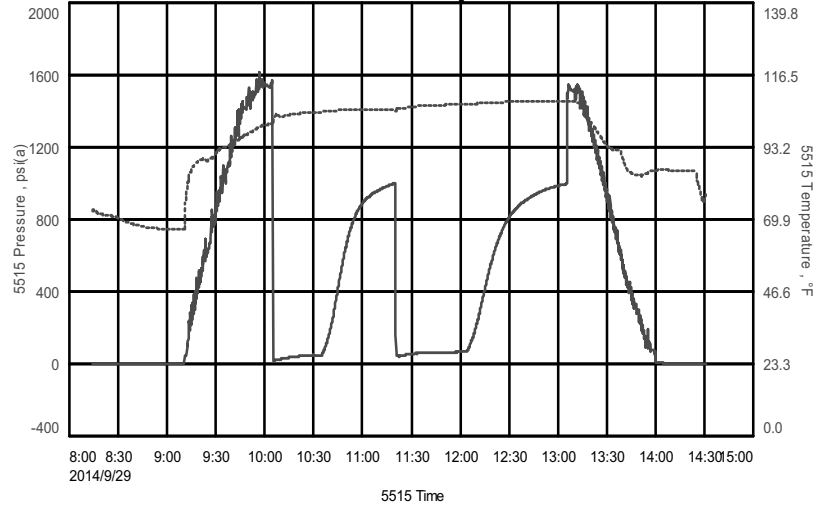
## General Information Report

Jacob McCallie  
620-617-7116  
mccallie.dtlc@gmail.com

### General Information

Company Name L.D. Drilling  
Contact L.D. Davis  
Well Name Blankenship #3-2  
Unique Well ID Dst #1 Upper Lans. 3270-3320'  
Surface Location Sec2-19s-15w Barton County  
Field Otis-Albert  
Well Type Vertical  
Test Type Drill Stem Test  
Formation Dst #1 Upper Lans. 3270-3320'  
Well Fluid Type 01 Oil  
Start Test Date 2014/09/29  
Start Test Time 08:14:00  
Final Test Date 2014/09/29  
Final Test Time 14:31:00  
Job Number S0506  
Representative Michael Carroll  
Report Date 2014/09/29  
Qualified By Jim Musgrove

### Blankenship #3-2



### Test Results

#### RECOVERY:

441'	GIP	
40'	SLG&WCMCO	10% G 49% O 13% W 28% M
123'	SLW&MCHOCCG	40% G 30% O 13% W 17% M
163'	TOTAL FLUID	

PH: 7

RW: .24 @ 84 degrees F

Chlorides: 24,000 ppm

#### TOOL SAMPLE:

82% O 13% W 5% M