



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Blaship#3-2Dst#5

TIME ON: 04:56
TIME OFF: 11:52

Company L.D. Drilling Lease & Well No. Blakenship #3-2
Contractor Petromark Rig 2 Charge to L.D. Drilling
Elevation 1951EST Formation Arbuckle Effective Pay -- Ft. Ticket No. S0510
Date 10-02-14 Sec. 2 Twp. 19 S Range 15 W County Barton State KANSAS
Test Approved By Kurt Talbott Diamond Representative Jacob McCallie

Formation Test No. 5 Interval Tested from 3468 ft. to 3582 ft. Total Depth 3582 ft.

Packer Depth 3463 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 3468 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3456 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3567 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 76 Drill Collar Length 123 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 12.0 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 9000 P.P.M. Drill Pipe Length 3319 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 114(19.5a) 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" Blow-Built to BOB in 11 Mins NOBB

2nd Open: 1" Blow-Built to BOB in 11 1/4mins 2 1/4 BB

Recovered 229 ft. of GIP

Recovered 83 ft. of SLOCWCM 5% O 12%W 83% M

Recovered 315 ft. of SLOCHWCM 5% O 35% W 60%M

Recovered 187 ft. of SLOCMCW 5% O 70% W 25% M

Recovered 585 ft. of TOTAL FLUID

Recovered _____ ft. of PH: 7 RW: .25 @ 55 degrees F

Remarks: CHLORIDES: 35,000 ppm

TOOL SAMPLE: 10% O 86% W 4% M

Time Set Packer(s) 6:44A.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 9:44A.M. ^{A.M.}/_{P.M.} Maximum Temperature 113

Initial Hydrostatic Pressure..... (A) 1654 P.S.I.

Initial Flow Period..... Minutes 30 (B) 25 P.S.I. to (C) 152 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1072 P.S.I.

Final Flow Period..... Minutes 45 (E) 159 P.S.I. to (F) 276 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1070 P.S.I.

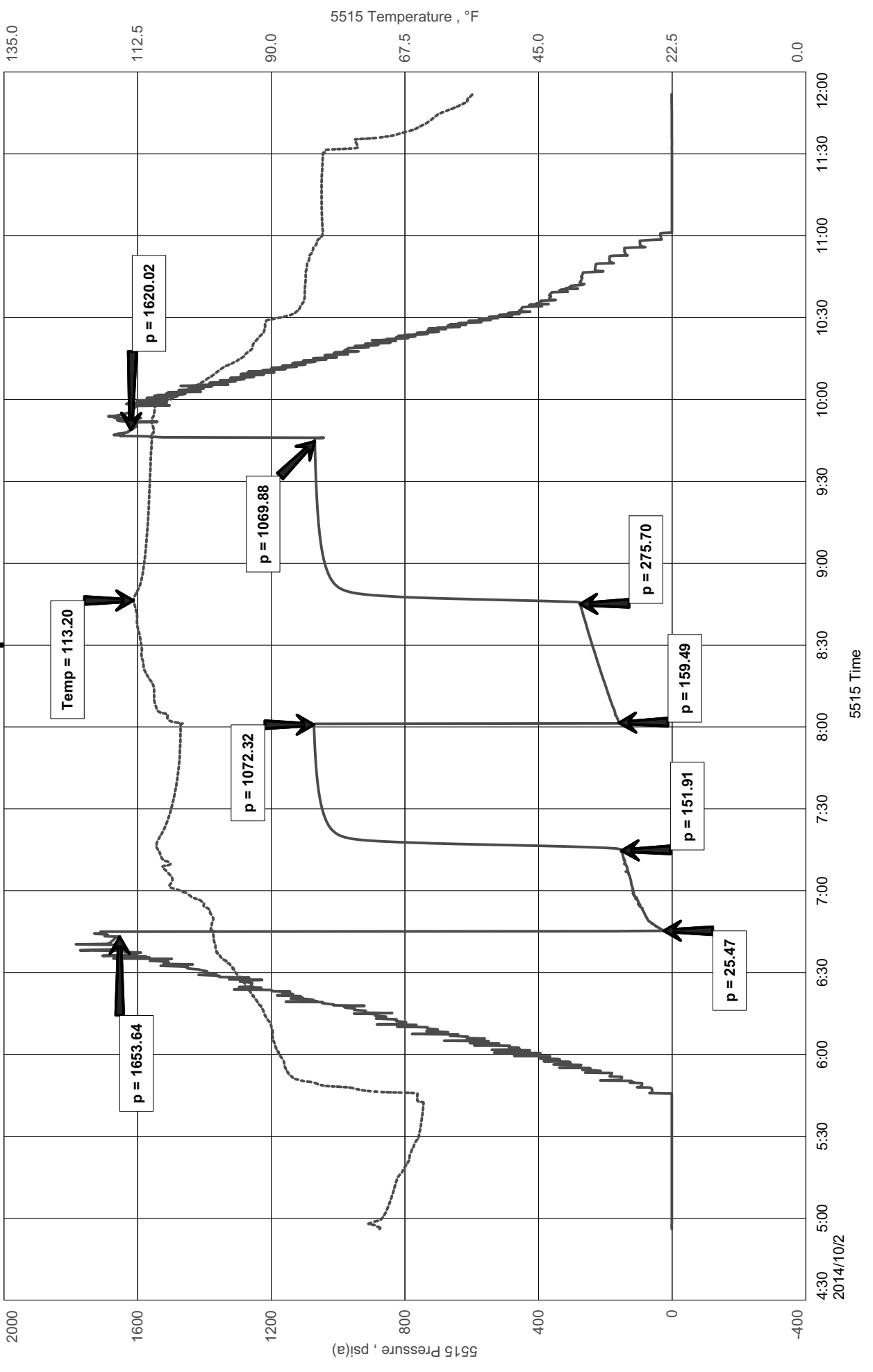
Final Hydrostatic Pressure..... (H) 1620 P.S.I.

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.

Blakenship #3-2
 Formation: Dst #5 Arbuckle 3468-3582'
 Pool: Infield
 Job Number: S0510

L.D. Drilling
 Dst #5 Arbuckle 3468-3582'
 Start Test Date: 2014/10/02
 Final Test Date: 2014/10/02

Blakenship #3-2



Diamond Testing LLC

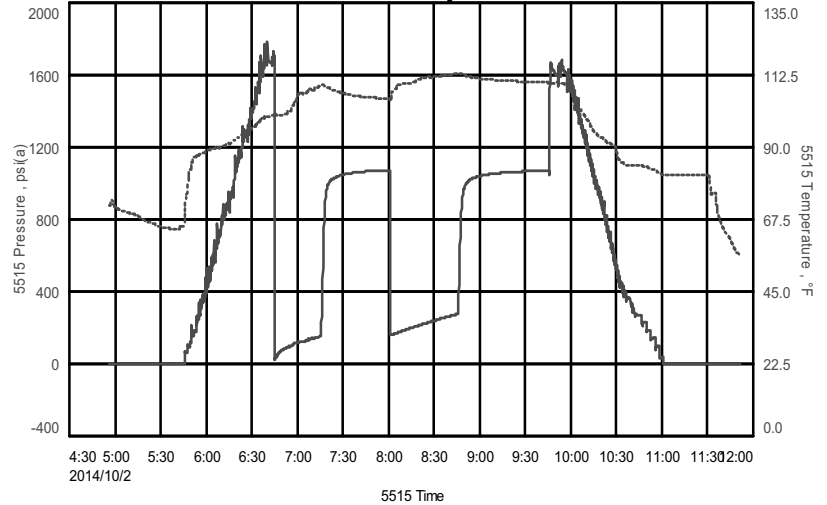
General Information Report

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

General Information

Company Name L.D. Drilling
Contact L.D. Davis
Well Name Blakenship #3-2
Unique Well ID Dst #5 Arbuckle 3468-3582'
Surface Location Sec2-19s-15w Barton County
Field Otis-Albert
Well Type Vertical
Test Type Drill Stem Test
Formation Dst #5 Arbuckle 3468-3582'
Well Fluid Type 06 Water
Start Test Date 2014/10/02
Start Test Time 04:56:00
Final Test Date 2014/10/02
Final Test Time 11:52:00
Job Number S0510
Representative Michael Carroll
Report Date 2014/10/02
Qualified By Kurt Talbott

Blakenship #3-2



Test Results

Recovery:

229'	GIP			
83'	SLOCWCM	5% O	12% W	83% M
315'	SLOCHMCW	5% O	35% W	60% M
187'	SLOCMCW	5% O	70% W	25% M
585'	TOTAL FLUID			

PH: 7

RW: .25 @ 55 degrees F

Chlorides: 35,000 ppm

TOOL SAMPLE:

10% O 86% W 4% M