



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313

ON LOCATION: STAYED ON LOC
 START RECORDERS: 17:52
 STOP RECORDERS: 01:10 6-27

DRILL-STEM TEST TICKET
 FILE: CHISOLM2572

Company LD DRILLING, INC Lease & Well No. CHISOLM #2
 Contractor PETROMARK #2 Charge to LD DRILLING, INC
 Elevation 1793' KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. F285
 Date 6-26-14 Sec. 12 Twp. 20S Range 12W County BARRON State KS
 Test Approved By KURT TALBOTT Diamond Representative JAKE FAHRENBRUCH

Formation Test No. TWO Interval Tested from 3319 ft. to 3362 ft. Total Depth 3362 ft.
 Packer Depth 3314 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3319 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3305 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3323 ft. Recorder Number 5584 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 51 Drill Collar Length 122 ft. I.D. 2 1/4 in.
 Weight 9.4 Water Loss 10.1 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 7500 P.P.M. Drill Pipe Length 3172 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number _____ Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 43 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" STB, 2" PF, 1" CO, 3" DP, 1" CO, 7" PF Bottom Choke Size 5/8 in.

Blow: 1st Open: BLOW INCREASED TO 10" IN BUCKET. NO BLOWBACK.
 2nd Open: BLOW INCREASED TO B.O.B. IN 35 MIN. NO BLOW BACK.

Recovered 120 ft. of FREE OIL 100" O
 Recovered 95 ft. of SGC OCM 5' G, 15' O, 80" M
 Recovered _____ ft. of _____
 Recovered _____ ft. of 35 1/2 GRAVITY OIL (CORRECTED TO 60°F)

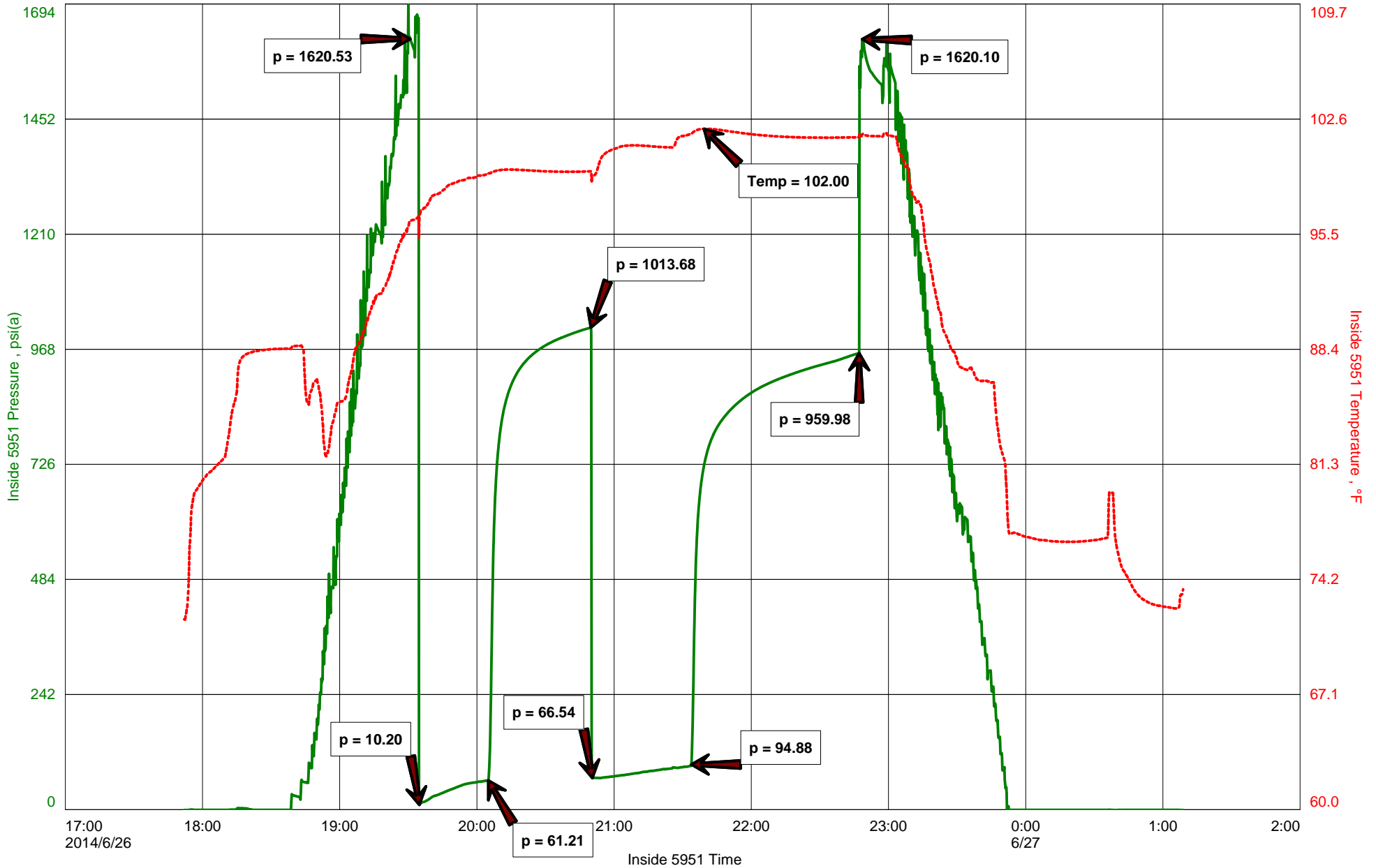
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>215' TOTAL RECOVERED FLUID</u>	<u>NO MILEAGE</u>
<u>TOOL SAMPLE: MUDDY OIL 80" O, 20" M</u>	Total

Time Set Packer(s) 7:35 PM Time Started Off Bottom 10:35 PM Maximum Temperature 102°F

Initial Hydrostatic Pressure..... (A) 1621 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 61 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 1014 P.S.I.
 Final Flow Period..... Minutes 45 (E) 67 P.S.I. to (F) 95 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 960 P.S.I. THANKS
 Final Hydrostatic Pressure..... (H) 1620 P.S.I. Jake Fahrenbruch

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.

Chisolm #2





Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	LD Drilling, Inc	Well Name	Chisolm #2
Well Operator	LD Drilling, Inc	Unique Well ID	DST #2 Arbuckle 3319'-3362'
Contact	LD Davis	Surface Location	Sec 12-20s-12w-Barton Co.-KS
Site Contact	Kurt Talbott	Test Unit	#5
Field		Pool	
Well Type	Vertical	Job Number	F285
Prepared By	Jake Fahrenbruch	Qualified By	Kurt Talbott

Test Information

Test Type	Bottom-Hole	Test Purpose	Initial Test
Formation	Arbuckle 3319'-3362'	Gauge Name	Inside 5951
Start Test Date	2014/06/26	Start Test Time	17:52:00
Final Test Date	2014/06/27	Final Test Time	01:10:00

Test Results

Recovered:	215' Total Fluid
120'	FREE OIL 100%o
95'	SGC OCM 5%g, 15%o, 80%m
-----	Tool Sample: MUDDY OIL 80%o, 20%m
-----	35.5 gravity oil (corrected to 60 Deg F)



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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