



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: 1-27CTHNTRSTDST6

TIME ON: 0355
TIME OFF: 1145

Company L.D. DRILLING, INC. Lease & Well No. #1-27 CAUTION TRUST
Contractor L.D.DRILLING,INC.RIG 1 Charge to L.D. DRILLING, INC.
Elevation 2990 KB Formation FORT SCOTT/CHERO/JOHNSON Effective Pay _____ Ft. Ticket No. M830
Date 6/28/2016 Sec. 27 Twp. _____ 16 S Range _____ 32 W County SCOTT State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 6 Interval Tested from 4514 ft. to 4630 ft. Total Depth 4630 ft.
Packer Depth 4509 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4514 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4496 ft. Recorder Number 5448 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4516 ft. Recorder Number 0063 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth 4627 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Mud Type CHEM Viscosity 58 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,400 P.P.M. Drill Pipe Length 4482 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 3 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 116 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (95 DP) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: SSB, BOB 7 MIN. (1/2" BB)
2nd Open: SSB, BOB 5 MIN. (NO BB)

Recovered 880 ft. of GIP GRAVITY: 30.5 @ 60°

Recovered 125 ft. of GMO 30% GAS, 40% OIL, 30% MUD

Recovered 125 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 100% GASSY MUDDY OIL

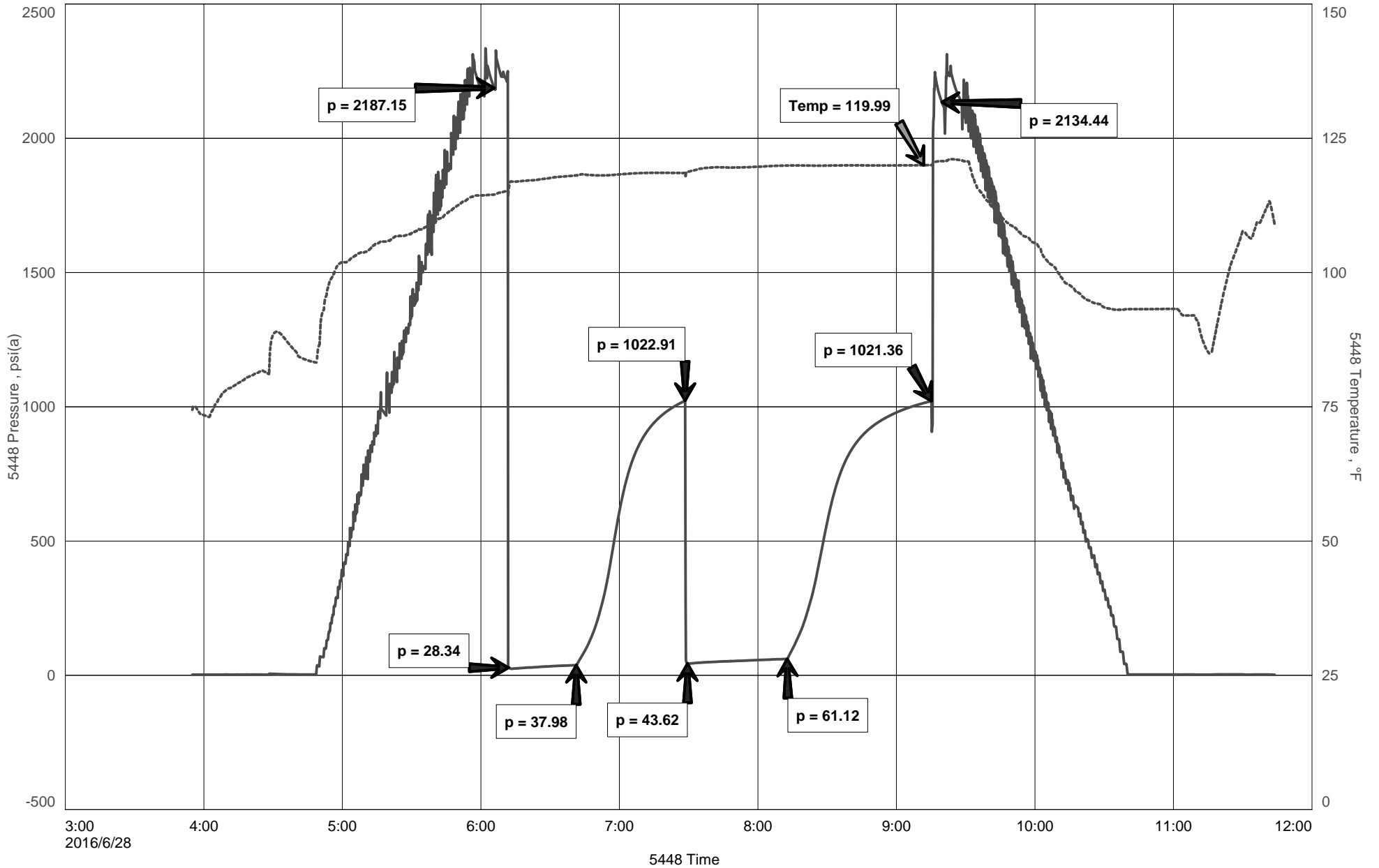
Time Set Packer(s) 6:15 A.M. A.M. P.M. Time Started Off Bottom 9:15 A.M. A.M. P.M. Maximum Temperature 120°F

Initial Hydrostatic Pressure..... (A) 2187 P.S.I.
Initial Flow Period..... Minutes 30 (B) 28 P.S.I. to (C) 38 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1023 P.S.I.
Final Flow Period..... Minutes 45 (E) 44 P.S.I. to (F) 61 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1021 P.S.I.
Final Hydrostatic Pressure..... (H) 2134 P.S.I.

Price Job
Other Charges
Insurance
Total

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.

#1-27 CAUTHON TRUST



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRILLING, INC.	Job Number	M830
Well Name	#1-27 CAUTHON TRUST	Representative	MIKE COCHRAN
Unique Well ID	DST#6 4514-4630 FORT SCOTT/CHERO/JOHNSON	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.27-16S-32W SCOTT CO.KS.	Report Date	2016/06/28
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#6 4514-4630 FORT SCOTT/CHERO/JOHNSON		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2016/06/28	Start Test Time	03:55:00
Final Test Date	2016/06/28	Final Test Time	11:45:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
Gauge Serial Number			

Test Results

Remarks RECOVERED:

880' GIP
125' GMO 30% GAS, 40% OIL, 30% MUD
125' TOTAL FLUID

GRAVITY: 30.5 @ 60 DEG

TOOL SAMPLE: 100% GASSY MUDDY OIL