



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: 1-15DWDDST2

TIME ON: 1525  
TIME OFF: 2350

Company L.D. DRILLING, INC. Lease & Well No. #1-15 DOWD  
Contractor L.D.DRILLING,INC.RIG 1 Charge to L.D. DRILLING, INC.  
Elevation 2684 KB Formation ALTAMONT/FT.SCOTT/CHEROKEE Effective Pay \_\_\_\_\_ Ft. Ticket No. M817  
Date 2/7/2016 Sec. 15 Twp. \_\_\_\_\_ 18 S Range \_\_\_\_\_ 27 W County LANE State KANSAS  
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 4423 ft. to 4547 ft. Total Depth 4547 ft.

Packer Depth 4418 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4423 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4405 ft. Recorder Number 5448 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4425 ft. Recorder Number 0063 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth 4544 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Mud Type CHEM Viscosity 53 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 9.4 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in

Chlorides 3,900 P.P.M. Drill Pipe Length 4391 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 124 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 1" RIGHT AWAY, BOB 3 1/2 MIN (1"BB)

2nd Open: SSB 3" RIGHT AWAY, BOB 2 1/2 MIN (4"BB)

Recovered 3220 ft. of GIP

Recovered 185 ft. of GO 2% GAS, 98% OIL GRAVITY: 39.0 @ 60°

Recovered 95 ft. of OSGM 32% GAS, 4% OIL, 64% MUD

Recovered 280 ft. of TOTAL FLUID

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

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_ Other Charges \_\_\_\_\_

Remarks: \_\_\_\_\_ Insurance \_\_\_\_\_

TOOL SAMPLE: 5% GAS, 25% OIL, 70% MUD Total \_\_\_\_\_

Time Set Packer(s) 6:00 P.M. A.M. P.M. Time Started Off Bottom 9:00 P.M. A.M. P.M. Maximum Temperature 124°F

Initial Hydrostatic Pressure..... (A) 2185 P.S.I.

Initial Flow Period..... Minutes 30 (B) 18 P.S.I. to (C) 63 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1210 P.S.I.

Final Flow Period..... Minutes 45 (E) 64 P.S.I. to (F) 107 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1192 P.S.I.

Final Hydrostatic Pressure..... (H) 2158 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.

# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name	L.D. DRILLING, INC.	Job Number	M817
Well Name	#1-15 DOWD	Representative	MIKE COCHRAN
Unique Well ID	DST#2 4423-4547 ALTAMONT/FT.SCOTT/CHEROKEE	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC.15-18S-27W LANE CO.KS.	Report Date	2016/02/07
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 3

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 4423-4547 ALTAMONT/FT.SCOTT/CHEROKEE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2016/02/07	Start Test Time	15:25:00
Final Test Date	2016/02/07	Final Test Time	23:50:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
Gauge Serial Number			

### Test Results

Remarks RECOVERED:

3220' GIP  
185' GO 2% GAS, 98% OIL  
95' OSGM 32% GAS, 4% OIL, 64% MUD  
280' TOTAL FLUID

GRAVITY: 39.0 @ 60 DEG

TOOL SAMPLE: 5% GAS, 25% OIL, 70% MUD

# #1-15 DOWD

