



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: WHTFLD35-1DST5

TIME ON: 0725
TIME OFF: 1330

Company LB EXPLORATION, INC. Lease & Well No. WHEATFIELD 35 #1
Contractor NINNESCAH DRILLING, LLC RIG 101 Charge to LB EXPLORATION, INC.
Elevation 1958 GL Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. M777
Date 7/12/2015 Sec. 35 Twp. _____ 16 S Range _____ 14 W County BARTON State KANSAS
Test Approved By STEVEN PETERMANN Diamond Representative MIKE COCHRAN

Formation Test No. 5 Interval Tested from 3406 ft. to 3451 ft. Total Depth 3451 ft.
Packer Depth 3401 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3406 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3395 ft. Recorder Number 5448 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3408 ft. Recorder Number 0063 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 53 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 6,000 P.P.M. Drill Pipe Length 3381 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number NA Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 45 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (32" dp) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, INCREASED TO 3/4" (NO BB)

2nd Open: WSB, INCREASED TO 1" (NO BB)

Recovered 15 ft. of CO 100% OIL
Recovered 10 ft. of GOSWM 2% GAS, 2% OIL, 6% WTR, 90% MUD
Recovered 25 ft. of TOTAL FLUID
Recovered _____ ft. of _____

| | |
|--|---------------|
| Recovered _____ ft. of <u>GRAVITY: 35.2 @ 60°</u> | Price Job |
| Recovered _____ ft. of <u>CHLOR: 5,000 PPM</u> | Other Charges |
| Remarks: <u>RW: .80 @ 100 DEG (NOMOGRAPH)</u> | Insurance |
| <u>PH: 10.0</u> | |
| <u>TOOL SAMPLE: 8% GAS, 21% OIL, 6% WTR, 65% MUD</u> | Total |

Time Set Packer(s) 9:00 A.M. A.M. P.M. Time Started Off Bottom 11:30 A.M. A.M. P.M. Maximum Temperature 102°F

Initial Hydrostatic Pressure..... (A) 1637 P.S.I.
Initial Flow Period..... Minutes 15 (B) 13 P.S.I. to (C) 16 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 873 P.S.I.
Final Flow Period..... Minutes 45 (E) 16 P.S.I. to (F) 19 P.S.I.
Final Closed In Period..... Minutes 60 (G) 839 P.S.I.
Final Hydrostatic Pressure..... (H) 1598 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 | LB EXPLORATION,INC. | Job Number | M777 |
| Well Name | WHEATFIELD 35 #1 | Representative | MIKE COCHRAN |
| Unique Well ID | DST#5 3406-3451 ARBUCKLE | Well Operator | LB EXPLORATION,INC. |
| Surface Location | SEC.35-16S-14W BARTON CO.KS. | Report Date | 2015/07/12 |
| Field | WILDCAT | Prepared By | MIKE COCHRAN |
| Well Type | Vertical | Qualified By | STEVEN PETERMANN |
| | | Test Unit | NO. 3 |

Test Information

| | | | |
|---------------------|--------------------------|-----------------|----------|
| Test Type | CONVENTIONAL | | |
| Formation | DST#5 3406-3451 ARBUCKLE | | |
| Test Purpose (AEUB) | Initial Test | | |
| Start Test Date | 2015/07/12 | Start Test Time | 07:25:00 |
| Final Test Date | 2015/07/12 | Final Test Time | 13:30:00 |
| | | Well Fluid Type | 01 Oil |
| Gauge Name | 5448 | | |
| Gauge Serial Number | | | |

Test Results

Remarks RECOVERED:

15' CO 100% OIL
10' GOSWM 2% GAS, 2% OIL, 6% WTR, 90% MUD
25' TOTAL FLUID

GRAVITY: 35.2 @ 60 DEG

CHLOR: 5,000 PPM
PH:10.0
RW: .80 @ 100 DEG (NOMOGRAPH)

TOOL SAMPLE: 8% GAS, 21% OIL, 6% WTR, 65% MUD

LB EXPLORATION, INC.
DST#5 3406-3451 ARBUCKLE
Start Test Date: 2015/07/12
Final Test Date: 2015/07/12

WHEATFIELD 35 #1
Formation: DST#5 3406-3451 ARBUCKLE
Pool: WILDCAT
Job Number: M777

WHEATFIELD 35 #1

