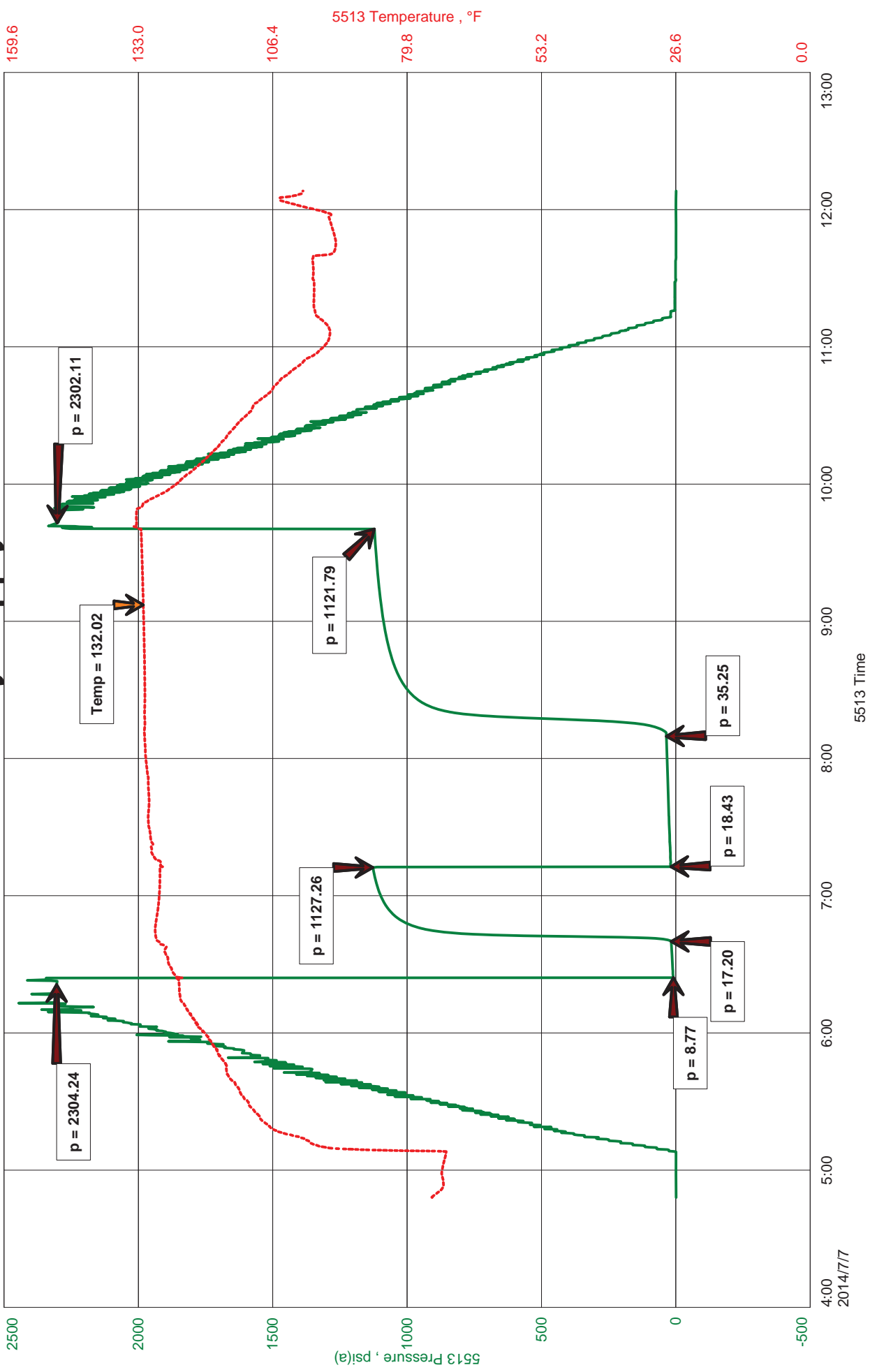


LB Exploration, Inc  
DSt #7 Spergen 4699-4720  
Start Test Date: 2014/07/07  
Final Test Date: 2014/07/07

Beaver Valley Supply 4-1  
Formation: Spergen  
Pool: Wildcat  
Job Number: K143

# Beaver Valley Supply 4-1





**JASON MCLEMORE**

**CELL # 620-617-0527**

**General Information**

|                         |                          |                       |                     |
|-------------------------|--------------------------|-----------------------|---------------------|
| <b>Company Name</b>     | LB Exploration, Inc      | <b>Job Number</b>     | K143                |
| <b>Contact</b>          | Mike Petermann           | <b>Representative</b> | Jason McLemore      |
| <b>Well Name</b>        | Beaver Valley Supply 4-1 | <b>Well Operator</b>  | LB Exploration, Inc |
| <b>Unique Well ID</b>   | DSt #7 Spergen 4699-4720 | <b>Prepared By</b>    | Jason McLemore      |
| <b>Surface Location</b> | 4-10s-32w-Thomas         | <b>Qualified By</b>   | Steve Petermann     |
| <b>Field</b>            | Wildcat                  | <b>Test Unit</b>      | #7                  |
| <b>Well Type</b>        | Vertical                 |                       |                     |

**Test Information**

|                            |                 |                       |                     |
|----------------------------|-----------------|-----------------------|---------------------|
| <b>Test Type</b>           | Drill Stem Test | <b>Representative</b> | Jason McLemore      |
| <b>Formation</b>           | Spergen         | <b>Well Operator</b>  | LB Exploration, Inc |
| <b>Well Fluid Type</b>     | 01 Oil          | <b>Report Date</b>    | 2014/07/07          |
| <b>Test Purpose (AEUB)</b> | Initial Test    | <b>Prepared By</b>    | Jason McLemore      |

|                        |            |                        |          |
|------------------------|------------|------------------------|----------|
| <b>Start Test Date</b> | 2014/07/07 | <b>Start Test Time</b> | 04:48:00 |
| <b>Final Test Date</b> | 2014/07/07 | <b>Final Test Time</b> | 12:09:00 |

**Test Results**

**RECOVERED:**

|    |                        |
|----|------------------------|
| 1  | Free Oil               |
| 35 | VSOCM, 5% Oil, 95% Mud |



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: BVS41dst7

TIME ON: 4:48 AM  
TIME OFF: 12:09 PM

Company LB Exploration, Inc Lease & Well No. Beaver Valley Supply 4-1  
Contractor Ninnescah Charge to LB Exploration, Inc.  
Elevation GL 3092 Formation \_\_\_\_\_ Spergen Effective Pay \_\_\_\_\_ Ft. Ticket No. K143  
Date 7-7-14 Sec. 4 Twp. \_\_\_\_\_ 10 S Range \_\_\_\_\_ 32 W County \_\_\_\_\_ Thomas State KANSAS  
Test Approved By Steve Petermann Diamond Representative Jason McLemore

Formation Test No. 7 Interval Tested from 4699 ft. to 4720 ft. Total Depth 4720 ft.  
Packer Depth 4694 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4699 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4680 ft. Recorder Number 5513 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 4681 ft. Recorder Number 5588 Cap. 6000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chemical Viscosity 44 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.5 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 1500 P.P.M. Drill Pipe Length 4666 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Jars & Joint Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? No Reversed Out NO Anchor Length 21 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: Weak Blow, Built to 3/4', No Blowback  
2nd Open: Intermittent Surface Blow After 30 Min., No Blowback

Recovered 1 ft. of Free Oil  
Recovered 35 ft. of VSOCM, 5% Oil, 95% Mud  
Recovered 36 ft. of TOTAL FLUID

|                              |               |
|------------------------------|---------------|
| Recovered _____ ft. of _____ | Price Job     |
| Recovered _____ ft. of _____ | Other Charges |
| Recovered _____ ft. of _____ | Insurance     |
| Remarks: _____               | Total         |

Time Set Packer(s) 6:30 AM A.M. P.M. Time Started Off Bottom 9:45 AM A.M. P.M. Maximum Temperature 132

Initial Hydrostatic Pressure..... (A) 2304 P.S.I.  
Initial Flow Period..... Minutes 15 (B) 9 P.S.I. to (C) 17 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 1127 P.S.I.  
Final Flow Period..... Minutes 60 (E) 18 P.S.I. to (F) 35 P.S.I.  
Final Closed In Period..... Minutes 90 (G) 1122 P.S.I.  
Final Hydrostatic Pressure..... (H) 2302 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.