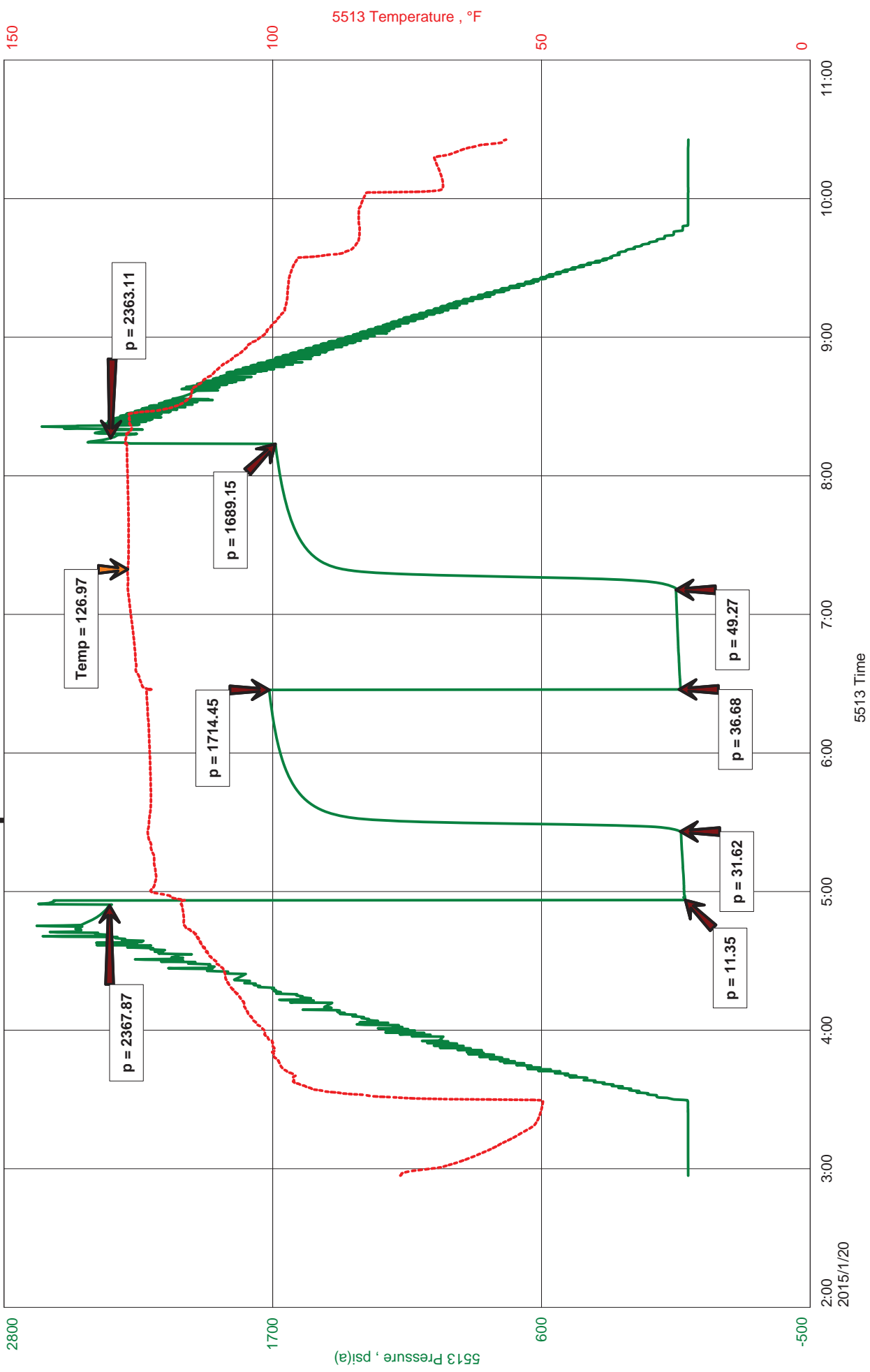


LB Exploration, Inc  
DST #6 Simpson 5018-5053  
Start Test Date: 2015/01/20  
Final Test Date: 2015/01/20

Hopkins Ranch 30 #2  
Formation: Simpson Sand  
Pool: Wildcat  
Job Number: K219

# Hopkins Ranch 30 #2





**JASON MCLEMORE**

**CELL # 620-617-0527**

**General Information**

|                         |                          |                       |                     |
|-------------------------|--------------------------|-----------------------|---------------------|
| <b>Company Name</b>     | LB Exploration, Inc      | <b>Job Number</b>     | K219                |
| <b>Contact</b>          | Steve Petermann          | <b>Representative</b> | Jason McLemore      |
| <b>Well Name</b>        | Hopkins Ranch 30 #2      | <b>Well Operator</b>  | LB Exploration, Inc |
| <b>Unique Well ID</b>   | DST #6 Simpson 5018-5053 | <b>Prepared By</b>    | Jason McLemore      |
| <b>Surface Location</b> | 30-32s-13w-Barber        | <b>Qualified By</b>   | Steve Petermann     |
| <b>Field</b>            | Palmer                   | <b>Test Unit</b>      | 6                   |
| <b>Well Type</b>        | Vertical                 |                       |                     |

**Test Information**

|                            |                 |                       |                     |
|----------------------------|-----------------|-----------------------|---------------------|
| <b>Test Type</b>           | Drill Stem Test | <b>Representative</b> | Jason McLemore      |
| <b>Formation</b>           | Simpson Sand    | <b>Well Operator</b>  | LB Exploration, Inc |
| <b>Well Fluid Type</b>     | 01 Oil          | <b>Report Date</b>    | 2015/01/20          |
| <b>Test Purpose (AEUB)</b> | Initial Test    | <b>Prepared By</b>    | Jason McLemore      |

|                        |            |                        |          |
|------------------------|------------|------------------------|----------|
| <b>Start Test Date</b> | 2015/01/20 | <b>Start Test Time</b> | 02:57:00 |
| <b>Final Test Date</b> | 2015/01/20 | <b>Final Test Time</b> | 10:27:00 |

**Test Results**

**RECOVERED:**

80 Watery Mud, 25% Water, 75% Mud  
80 TOTAL FLUID

**CHLORIDES: 78,000**  
**PH: 7**  
**RW: .100 @ 40**



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: hop30dst6

TIME ON: 2:57 AM  
TIME OFF: 10:27 AM

Company LB Exploration, Inc Lease & Well No. Hopkins Ranch 30 #2  
Contractor Ninnescah 101 Charge to LB Exploration, Inc  
Elevation GL 1856 Formation Simpson Sand Effective Pay \_\_\_\_\_ Ft. Ticket No. K219  
Date 1-20-15 Sec. 30 Twp. 32 S Range 13 W County Barber State KANSAS  
Test Approved By Steve Petermann Diamond Representative Jason McLemore

Formation Test No. 6 Interval Tested from 5018 ft. to 5053 ft. Total Depth 5053 ft.  
Packer Depth 5013 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 5018 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 5006 ft. Recorder Number 5513 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 5007 ft. Recorder Number 5588 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chemical Viscosity 72 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.3 Water Loss 12.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 7400 P.P.M. Drill Pipe Length 4993 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 35 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 3/4, No Blowback  
2nd Open: No Blow for 28 Min., Built to 1", No Blowback

Recovered 80 ft. of Watery Mud, 25% Water, 75% Mud  
Recovered 80 ft. of TOTAL FLUID  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

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

Time Set Packer(s) 4:59 AM A.M. P.M. Time Started Off Bottom 8:14 AM A.M. P.M. Maximum Temperature 127

Initial Hydrostatic Pressure..... (A) 2368 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 32 P.S.I.  
Initial Closed In Period..... Minutes 60 (D) 1714 P.S.I.  
Final Flow Period..... Minutes 45 (E) 37 P.S.I. to (F) 49 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 1689 P.S.I.  
Final Hydrostatic Pressure..... (H) 2363 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.