



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: bhfarm2-20dst2

TIME ON: 2-16 20:23
TIME OFF: 2-17 03:23

Company LD Drilling Inc Lease & Well No. B-H Farms #2-20
Contractor Petromark Rig #2 Charge to LD Drilling Inc
Elevation 1863 KB Formation _____ Lan H-J Effective Pay _____ Ft. Ticket No. S0541
Date 2-16-15 Sec. 20 Twp. _____ 21 S Range _____ 12 W County _____ Stafford State KANSAS
Test Approved By Kurt Talbot Diamond Representative _____ Jacob McCallie

Formation Test No. 2 Interval Tested from 3368 ft. to 3431 ft. Total Depth 3431 ft.
Packer Depth 3363 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3368 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3356 ft. Recorder Number 5515 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3403 ft. Recorder Number 5586 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 43 Drill Collar Length 123 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 7,200 P.P.M. Drill Pipe Length 3219 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number NA Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 63 (31.5 A) 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: 1/4" Blow- Built to BB in 18 min **NOBB**
2nd Open: 2 1/2" Blow- Built to BB in 13 min **NOBB**

Recovered 182 ft. of GIP
Recovered 67 ft. of SLOC SLWCM 10% O 10% W 80% M
Recovered 67 ft. of TOTAL FLUID

| | |
|---------------------------------------|---------------|
| Recovered _____ ft. of _____ | Price Job |
| Recovered _____ ft. of _____ | Other Charges |
| Recovered _____ ft. of _____ | Insurance |
| Remarks: <u>Diesel in bucket</u> | |
| <u>Tool Sample: 22% O 48% W 30% M</u> | Total |

Time Set Packer(s) 2-16 10:17 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 2-17 1:17 AM ^{A.M.}/_{P.M.} Maximum Temperature 100

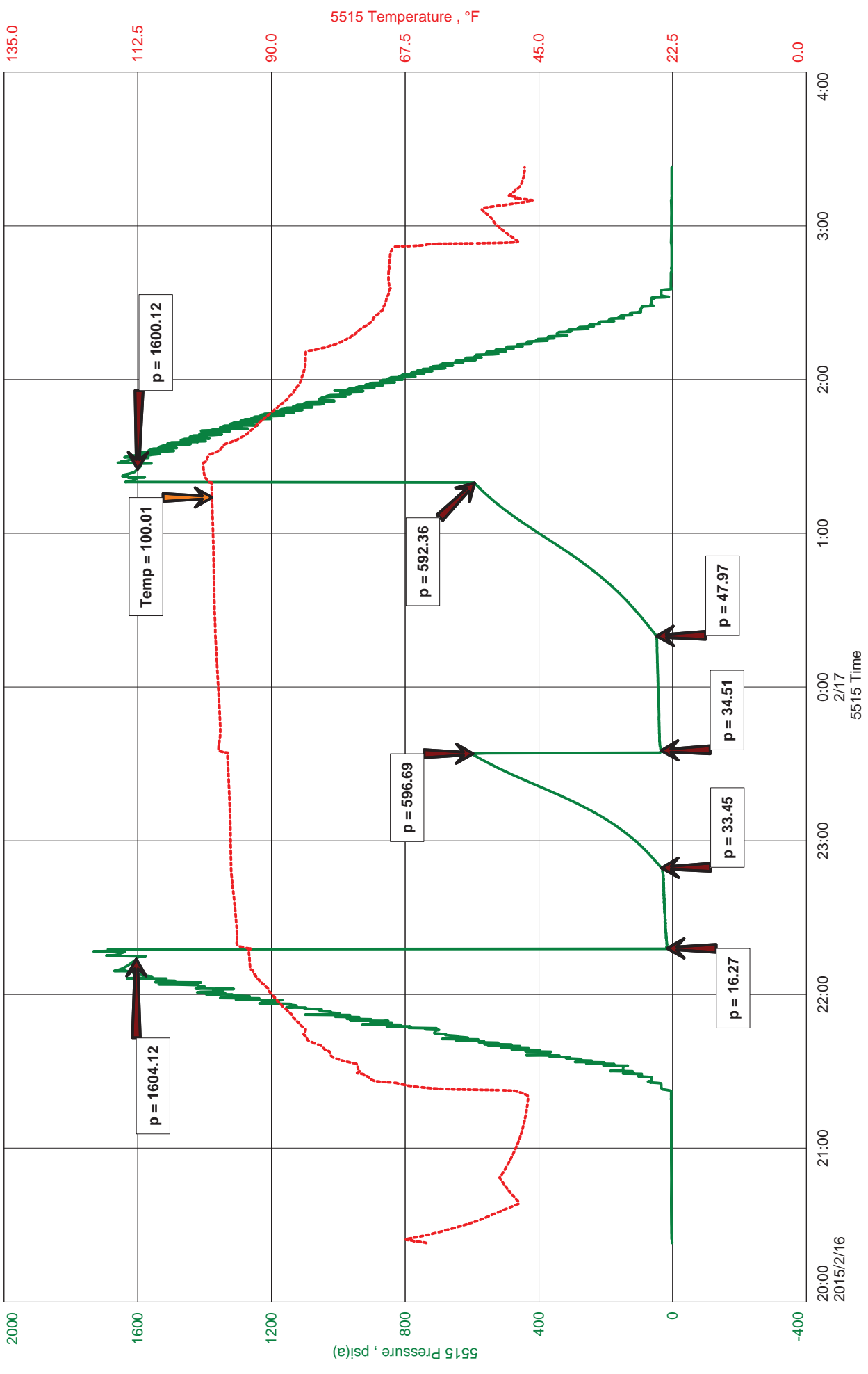
Initial Hydrostatic Pressure..... (A) 1604 P.S.I.
Initial Flow Period..... Minutes 30 (B) 16 P.S.I. to (C) 33 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 597 P.S.I.
Final Flow Period..... Minutes 45 (E) 35 P.S.I. to (F) 48 P.S.I.
Final Closed In Period..... Minutes 60 (G) 592 P.S.I.
Final Hydrostatic Pressure..... (H) 1600 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.

LD Drilling
 DST #2 LANS H-J 3368-3431'
 Start Test Date: 2015/02/16
 Final Test Date: 2015/02/17

B-H Farms #2-20
 Formation: DST #2 LANS H-J 3368-3431'
 Pool: Infield
 Job Number: S0541

B-H Farms #2-20



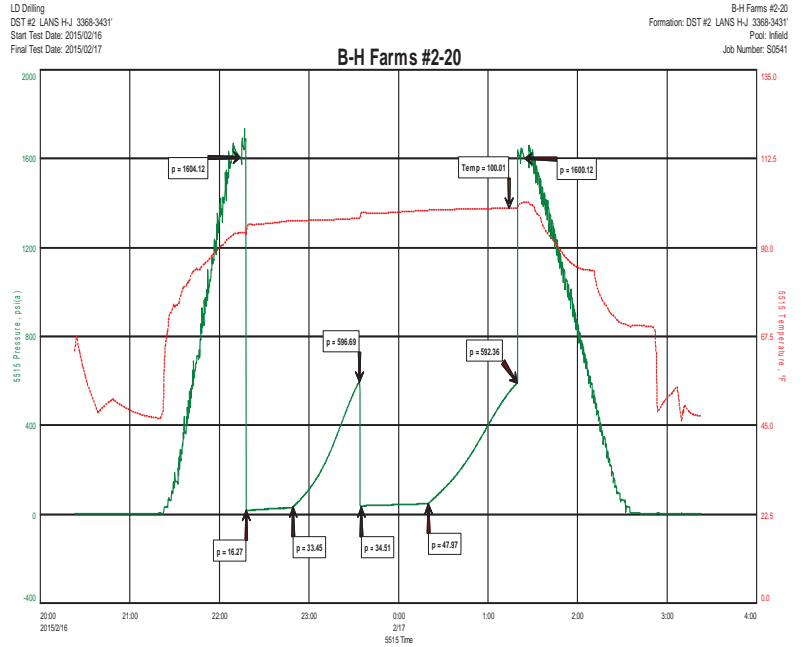


Hoisington, Kansas

JACOB MCCALLIE
620-617-7116
mccallie.dtlc@gmail.com

General Information

| | | | |
|----------------------------|----------------------------|----------------------------|--------------------------------|
| Company Name | LD Drilling | Contact | LD Davis |
| Well Name | B-H Farms #2-20 | Well Name | B-H Farms #2-20 |
| Unique Well ID | DST #2 LANS H-J 3368-3431' | Surface Location | SEC 20-21S-12W Stafford County |
| Field | Mueller | Well Operator | LD Drilling |
| Well Drilling | Drill Stem Test | Test Type | Vertical |
| Formation | DST #2 LANS H-J 3368-3431' | Well Fluid Type | 02 Gas |
| Well Fluid Type | 02 Gas | Test Purpose (AEUB) | Initial Test |
| Test Purpose (AEUB) | Initial Test | Start Test Date | 2015/02/16 |
| Start Test Date | 2015/02/16 | Start Test Time | 20:23:00 |
| Start Test Time | 20:23:00 | Final Test Date | 2015/02/17 |
| Final Test Date | 2015/02/17 | Final Test Time | 03:23:00 |
| Final Test Time | 03:23:00 | Job Number | S0541 |
| Job Number | S0541 | Representative | Jacob McCallie |
| Representative | Jacob McCallie | Prepared By | Jacob McCallie |
| Prepared By | Jacob McCallie | Report Date | 2015/02/16 |
| Report Date | 2015/02/16 | | |



FLUID RECOVERY

| | | |
|------|-------------|-------------------|
| 182' | GIP | |
| 67' | SLOCSLWCM | 10% O 10% W 80% M |
| 67' | TOTAL FLUID | |

TOOL SAMPLE:
 22% O 48% W 30% M