

DIAMOND TESTING

General Information Report

General Information

Company Name HARTMAN OIL COMPANY, INC.
Contact STAN MITCHELL
Well Name ROSE #2-1
Unique Well ID DST #4, LKC "I", 4191-4225
Surface Location SEC 1-16S-35W, WICHITA CO. KS.
Field AMERICAN BEAUTY
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #4, LKC "I", 4191-4225
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator HARTMAN OIL COMPANY, INC.
Report Date 2014/07/17
Prepared By TIM VENTERS
Qualified By KITT NOAH

Start Test Date 2014/07/17
Final Test Date 2014/07/17

Start Test Time 12:31:00
Final Test Time 21:00:00

Test Recovery:

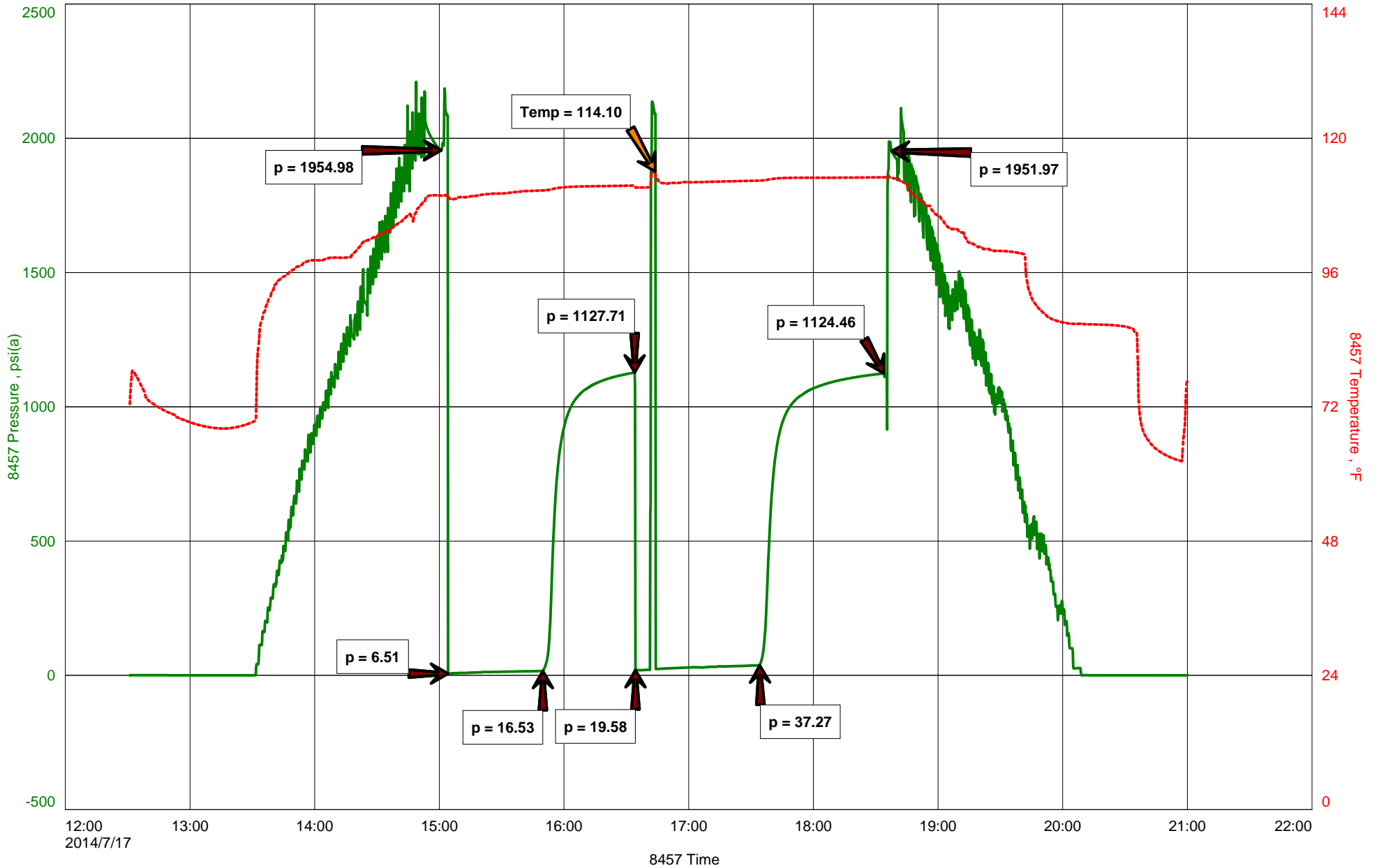
RECOVERED: 45' CLEAN OIL, 100% OIL, GRAVITY: 23
20' OCM, 21% OIL, 79% MUD
65' TOTAL FLUID

TOOL SAMPLE: 11% OIL, 89% MUD

HARTMAN OIL COMPANY, INC.
DST #4, LKC "I", 4191-4225
Start Test Date: 2014/07/17
Final Test Date: 2014/07/17

ROSE #2-1
Formation: DST #4, LKC "I", 4191-4225
Pool: AMERICAN BEAUTY
Job Number: T370

ROSE #2-1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: ROSE #2-1DST4

TIME ON: 12:31
TIME OFF: 21:00

Company HARTMAN OIL COMPANY, INC. Lease & Well No. ROSE #2-1
Contractor H2 DRILLING COMPANY, RIG #2 Charge to HARTMAN OIL COMPANY, INC.
Elevation 3130 KB Formation LKC "I" Effective Pay _____ Ft. Ticket No. T370
Date 7-17-14 Sec. 1 Twp. _____ 16 S Range _____ 35 W County WICHITA State KANSAS
Test Approved By KITT NOAH Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 4 Interval Tested from 4191 ft. to 4225 ft. Total Depth 4225 ft.
Packer Depth 4186 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4191 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4172 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4222 ft. Recorder Number 11029 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 53 Drill Collar Length 251 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 6,700 P.P.M. Drill Pipe Length 3907 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 2 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 34 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 SURFACE BLOW, BUILDING TO 1 INCH. (NO BB)
2nd Open: NO BLOW AT START OF PERIOD, WEAK SURFACE BLOW AFTER FLUSH (8 MIN.) (NO BB)

Recovered 45 ft. of CLEAN OIL, 100% OIL, GRAVITY: 23
Recovered 20 ft. of OCM, 21% OIL, 79% MUD
Recovered 65 ft. of TOTAL FLUID

| | |
|---|---------------|
| Recovered _____ ft. of _____ | Price Job |
| Recovered _____ ft. of _____ | Other Charges |
| Recovered _____ ft. of _____ | Insurance |
| Remarks: <u>WE FLUSHED TOOL 8 MIN. INTO PERIOD AND GOT A WEAK SURFACE BLOW.</u> | Total |

TOOL SAMPLE: 11% OIL, 89% MUD

Time Set Packer(s) 3:03 PM A.M. P.M. Time Started Off Bottom 6:33 PM A.M. P.M. Maximum Temperature 114 deg.
Initial Hydrostatic Pressure..... (A) 1955 P.S.I.
Initial Flow Period..... Minutes 45 (B) 7 P.S.I. to (C) 17 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1128 P.S.I.
Final Flow Period..... Minutes 60 (E) 21 P.S.I. to (F) 37 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1124 P.S.I.
Final Hydrostatic Pressure..... (H) 1952 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.