

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 #2, LKC "C", 4012-4034
Surface Location SEC 1-16S-35W WICHITA CO. KS.
Field AMERICAN BEAUTY
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #2, LKC "C", 4012-4034
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator HARTMAN OIL COMPANY, INC.
Report Date 2014/07/16
Prepared By TIM VENTERS
Qualified By KITT NOAH

Start Test Date 2014/07/15
Final Test Date 2014/07/16

Start Test Time 17:39:00
Final Test Time 02:30:00

Test Recovery:

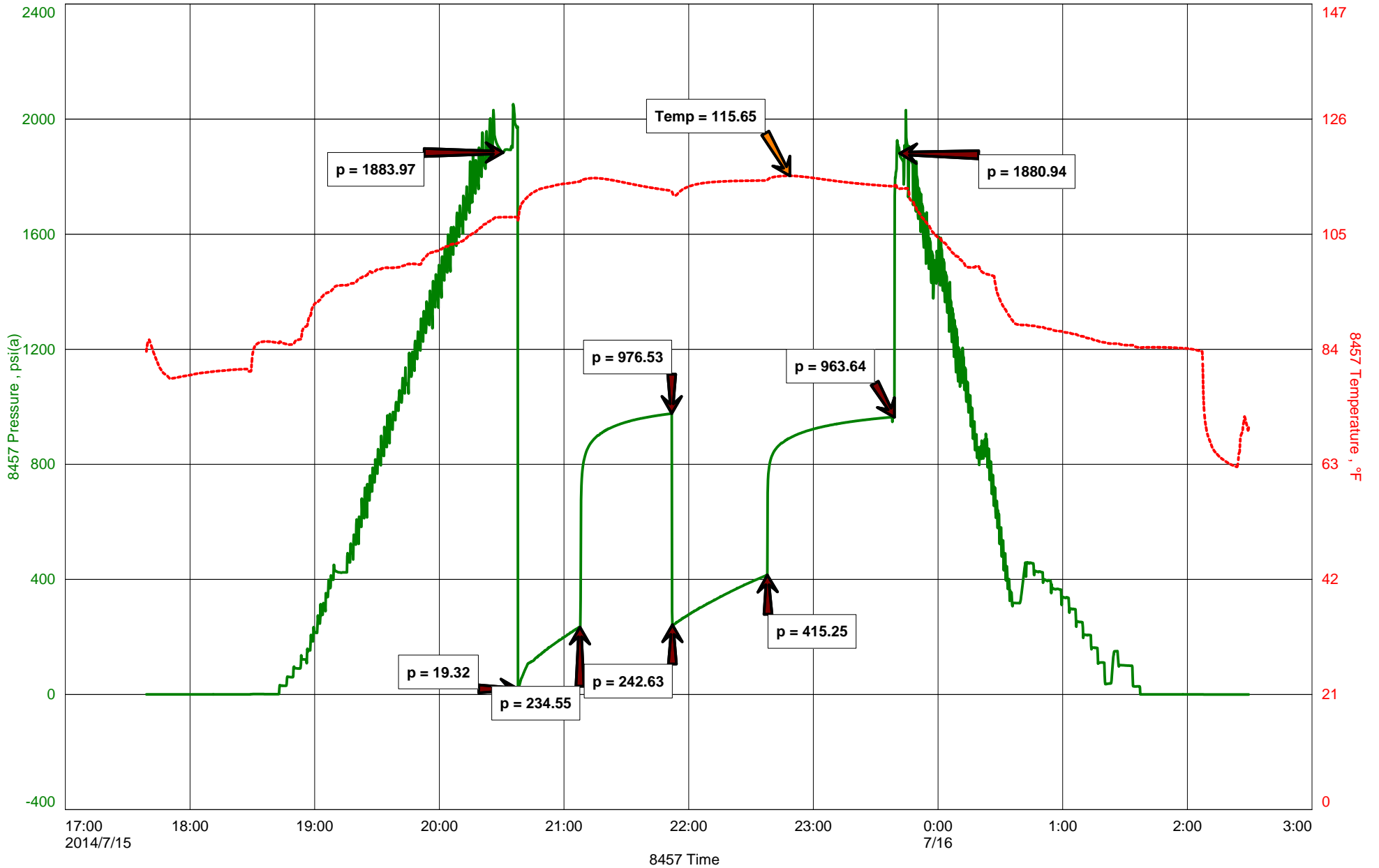
RECOVERED: 255' CLEAN OIL, 100% OIL, GRAVITY: 27
440' GO, 3% GAS, 97% OIL
190' G,VSMCO, 3% GAS, 93% OIL, 3% MUD
125' G,HMCO, 3% GAS, 55% OIL, 42% MUD
1010' TOTAL FLUID

TOOL SAMPLE: 58% OIL, 42% MUD

HARTMAN OIL COMPANY, INC.
DST #2, LKC "C", 4012-4034
Start Test Date: 2014/07/15
Final Test Date: 2014/07/16

ROSE #2-1
Formation: DST #2, LKC "C", 4012-4034
Pool: AMERICAN BEAUTY
Job Number: T368

ROSE #2-1





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

TIME ON: 17:39 7-15-14
TIME OFF: 02:10 67-16-14

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 "C" Effective Pay _____ Ft. Ticket No. T368
Date 7-15-14 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. 2 Interval Tested from 4012 ft. to 4034 ft. Total Depth 4034 ft.
Packer Depth 4007 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4012 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3993 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4031 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 60 Drill Collar Length 251 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5,000 P.P.M. Drill Pipe Length 3728 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 22 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 1/2 INCH BLOW, BUILDING, REACHING BOB 6 1/2 MIN. (1/4" BB)
2nd Open: WEAK 1/2 INCH BLOW, BUILDING, REACHING BOB 8 1/2 MIN. (NO BB)

Recovered 255 ft. of CO, 100% OIL, GRAVITY: 27
Recovered 440 ft. of GO, 3% GAS, 97% OIL,
Recovered 190 ft. of G,VSMCO, 3% GAS, 93% OIL, 3% MUD
Recovered 125 ft. of G,HMCO, 3% GAS, 55% OIL, 42% MUD
Recovered 1010 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: 58% OIL, 42% MUD	Total

Time Set Packer(s) 8:37 PM A.M. P.M. Time Started Off Bottom 11:37 PM A.M. P.M. Maximum Temperature 116 deg.

Initial Hydrostatic Pressure..... (A) 1884 P.S.I.
Initial Flow Period..... Minutes 30 (B) 19 P.S.I. to (C) 235 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 977 P.S.I.
Final Flow Period..... Minutes 45 (E) 243 P.S.I. to (F) 415 P.S.I.
Final Closed In Period..... Minutes 60 (G) 964 P.S.I.
Final Hydrostatic Pressure..... (H) 1881 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.