

DIAMOND TESTING

General Information Report

General Information

Company Name	HARTMAN OIL COMPANY, INC.	Representative	TIM VENTERS
Contact	STAN MITCHELL	Well Operator	HARTMAN OIL COMPANY, INC.
Well Name	ROSE #2-1	Report Date	2014/07/16
Unique Well ID	DST #3, LKC "E-F", 4061-4098	Prepared By	TIM VENTERS
Surface Location	SEC 1-16S-35W, WICHITA CO. KS.	Qualified By	KITT NOAH
Field	AMERICAN BEAUTY		
Well Type	Vertical		
Test Type	CONVENTIONAL		
Formation	DST #3, LKC "E-F", 4061-4098		
Well Fluid Type	01 Oil		
Start Test Date	2014/07/16	Start Test Time	11:45:00
Final Test Date	2014/07/16	Final Test Time	21:00:00

Test Recovery:

RECOVERED: 5' VSW&MCO, 95% OIL, 3% WATER, 2% MUD, GRAVITY: 27
90' HO&MCW, 29% OIL, 45% WATER, 26% MUD
65' WCM W/TR. O, TRACE OIL, 30% WATER, 70% MUD
125' MCW, 81% WATER, 19% MUD
285' TOTAL FLUID

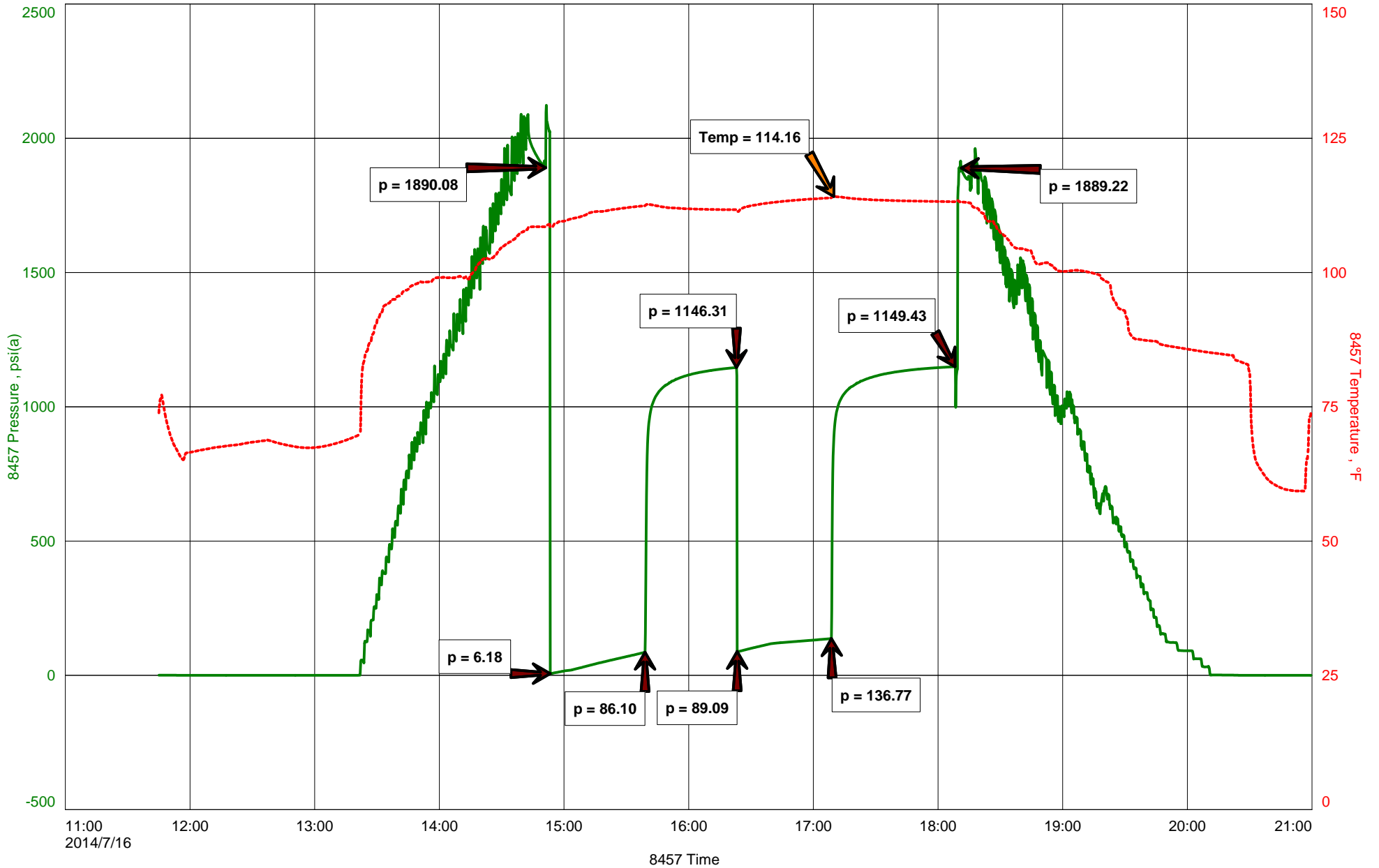
TOOL SAMPLE: 26% OIL, 43% WATER, 31% MUD

CHLORIDES: 24,000 ppm
PH: 7.0
RW: .49 @ 76 deg.

HARTMAN OIL COMPANY, INC.
DST #3, LKC "E-F", 4061-4098
Start Test Date: 2014/07/16
Final Test Date: 2014/07/16

ROSE #2-1
Formation: DST #3, LKC "E-F", 4061-4098
Pool: AMERICAN BEAUTY
Job Number: T369

ROSE #2-1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: ROSE #2-1DST3

TIME ON: 11:45
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 "E-F" Effective Pay _____ Ft. Ticket No. T369
Date 7-16-14 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. 3 Interval Tested from 4061 ft. to 4098 ft. Total Depth 4098 ft.
Packer Depth 4056 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4061 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4042 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4095 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 51 Drill Collar Length 251 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 6,000 P.P.M. Drill Pipe Length 3777 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 37 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 6 INCHES. (NO BB)
2nd Open: VERY WEAK SURFACE BLOW, BUILDING TO 5 INCHES. (NO BB)

Recovered 5 ft. of VSW&MCO, 95% OIL, 3% WATER, 2% MUD, GRAVITY: 27
Recovered 90 ft. of HO&MCW, 29% OIL, 45% WATER, 26% MUD
Recovered 65 ft. of WCM W/TR. O, TRACE OIL, 30% WATER, 70% MUD
Recovered 125 ft. of MCW, 81% WATER, 19% MUD
Recovered 285 ft. of TOTAL FLUID

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

TOOL SAMPLE: 26% OIL, 43% WATER, 31% MUD

Time Set Packer(s) 2:53 PM A.M. P.M. Time Started Off Bottom 6:08 PM A.M. P.M. Maximum Temperature 114 deg.
Initial Hydrostatic Pressure..... (A) 1890 P.S.I.
Initial Flow Period..... Minutes 45 (B) 6 P.S.I. to (C) 86 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1146 P.S.I.
Final Flow Period..... Minutes 45 (E) 89 P.S.I. to (F) 137 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1149 P.S.I.
Final Hydrostatic Pressure..... (H) 1889 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.