

DIAMOND TESTING

General Information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.
Contact CLARKE SANDBERG
Well Name HINEMAN #1
Unique Well ID DST #3, CHEROKEE SD., 4607-4632
Surface Location SEC 9-19S-27W, LANE CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #3, CHEROKEE SD., 4607-4632
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator RAYMOND OIL COMPANY, INC.
Report Date 2013/10/28
Prepared By TIM VENTERS
Qualified By KIM SHOEMAKER

Start Test Date 2013/10/28
Final Test Date 2013/10/28

Start Test Time 08:36:00
Final Test Time 15:07:00

Test Recovery:

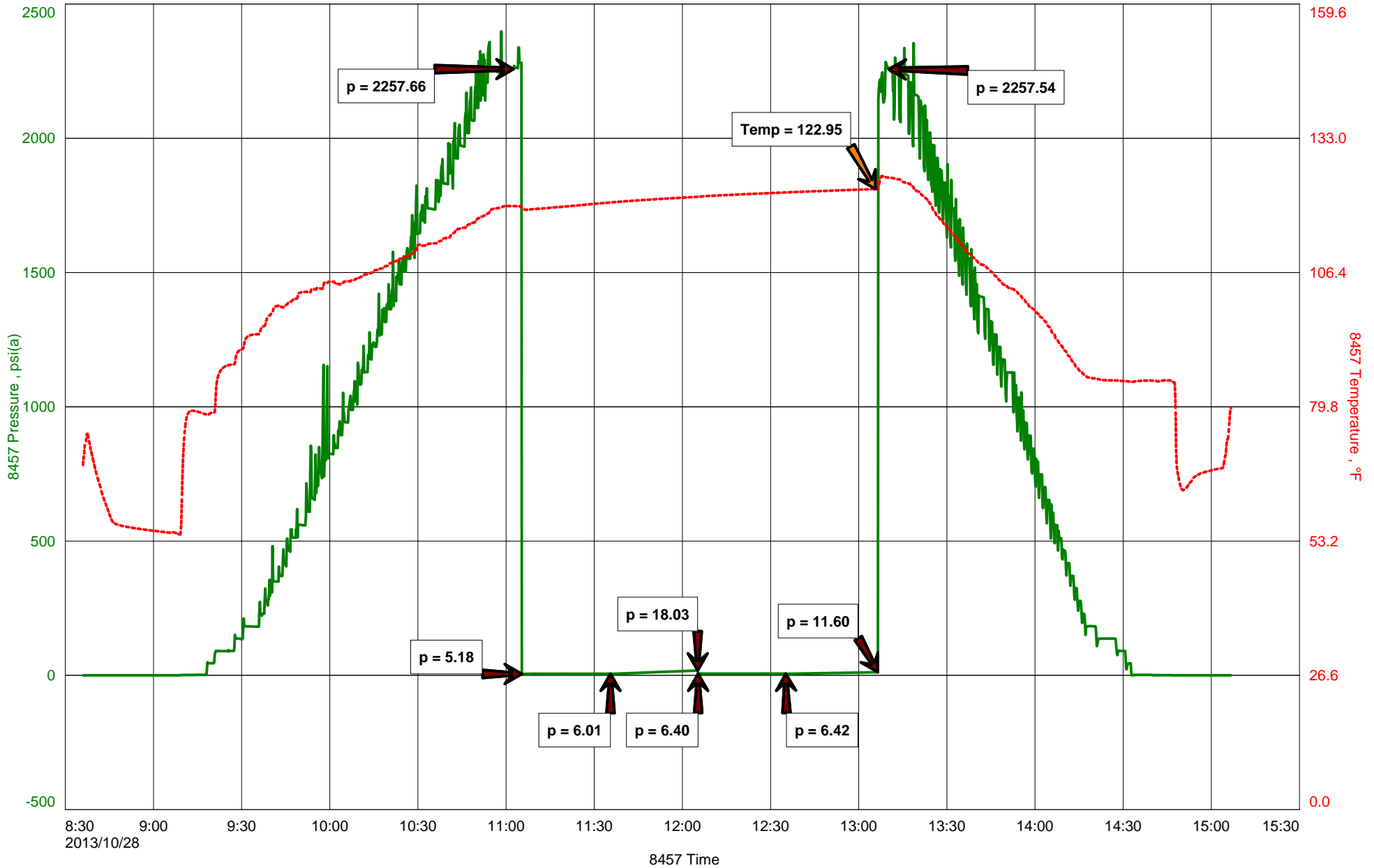
RECOVERED: 2' SOCM, 15% OIL, 85% MUD

TOOL SAMPLE: 4% OIL, 96% MUD

RAYMOND OIL COMPANY, INC.
DST #3, CHEROKEE SD., 4607-4632
Start Test Date: 2013/10/28
Final Test Date: 2013/10/28

HINEMAN #1
Formation: DST #3, CHEROKEE SD., 4607-4632
Pool: WILDCAT
Job Number: T274

HINEMAN #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: HINEMAN1DST3

TIME ON: 08:36
TIME OFF: 15:07

Company RAYMOND OIL COMPANY, INC. Lease & Well No. HINEMAN #1
Contractor H2 DRILLING, LLC RIG #1 Charge to RAYMOND OIL COMPANY, INC.
Elevation 2724 KB Formation CHEROKEE SD. Effective Pay _____ Ft. Ticket No. T274
Date 10-28-13 Sec. 9 Twp. _____ 19 S Range _____ 27 W County LANE State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 3 Interval Tested from 4607 ft. to 4632 ft. Total Depth 4632 ft.
Packer Depth 4602 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4607 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4588 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4629 ft. Recorder Number 11030 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 368 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 5,6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,700 P.P.M. Drill Pipe Length 4206 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 25 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 1/4 INCH. (NO BB)
2nd Open: VERY WEAK SURFACE BLOW, LASTING ABOUT 3 MIN. (NO BB)

Recovered <u>2</u> ft. of <u>SOCM, 15% OIL, 85% MUD</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>4% OIL, 96% MUD</u>	Total

Time Set Packer(s) 11:05 AM A.M. P.M. Time Started Off Bottom 1:05 PM A.M. P.M. Maximum Temperature 123 deg.
Initial Hydrostatic Pressure..... (A) 2258 P.S.I.
Initial Flow Period..... Minutes 30 (B) 5 P.S.I. to (C) 6 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 18 P.S.I.
Final Flow Period..... Minutes 30 (E) 6 P.S.I. to (F) 6 P.S.I.
Final Closed In Period..... Minutes 30 (G) 12 P.S.I.
Final Hydrostatic Pressure..... (H) 2258 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.