

DIAMOND TESTING

General Information Report

General Information

Company Name FALCON EXPLORATION, INC.
Contact JASON MITCHELL
Well Name JAMES KOEHN #4-31 (NW)
Unique Well ID DST #1, MORROW SS, 5124-5180
Surface Location SEC 31-28S-30W, GRAY CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #1, MORROW SS, 5124-5180
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator FALCON EXPLORATION, INC.
Report Date 2014/12/06
Prepared By TIM VENTERS
Qualified By DAVE WILLIAMS

Start Test Date 2014/12/05
Final Test Date 2014/12/06

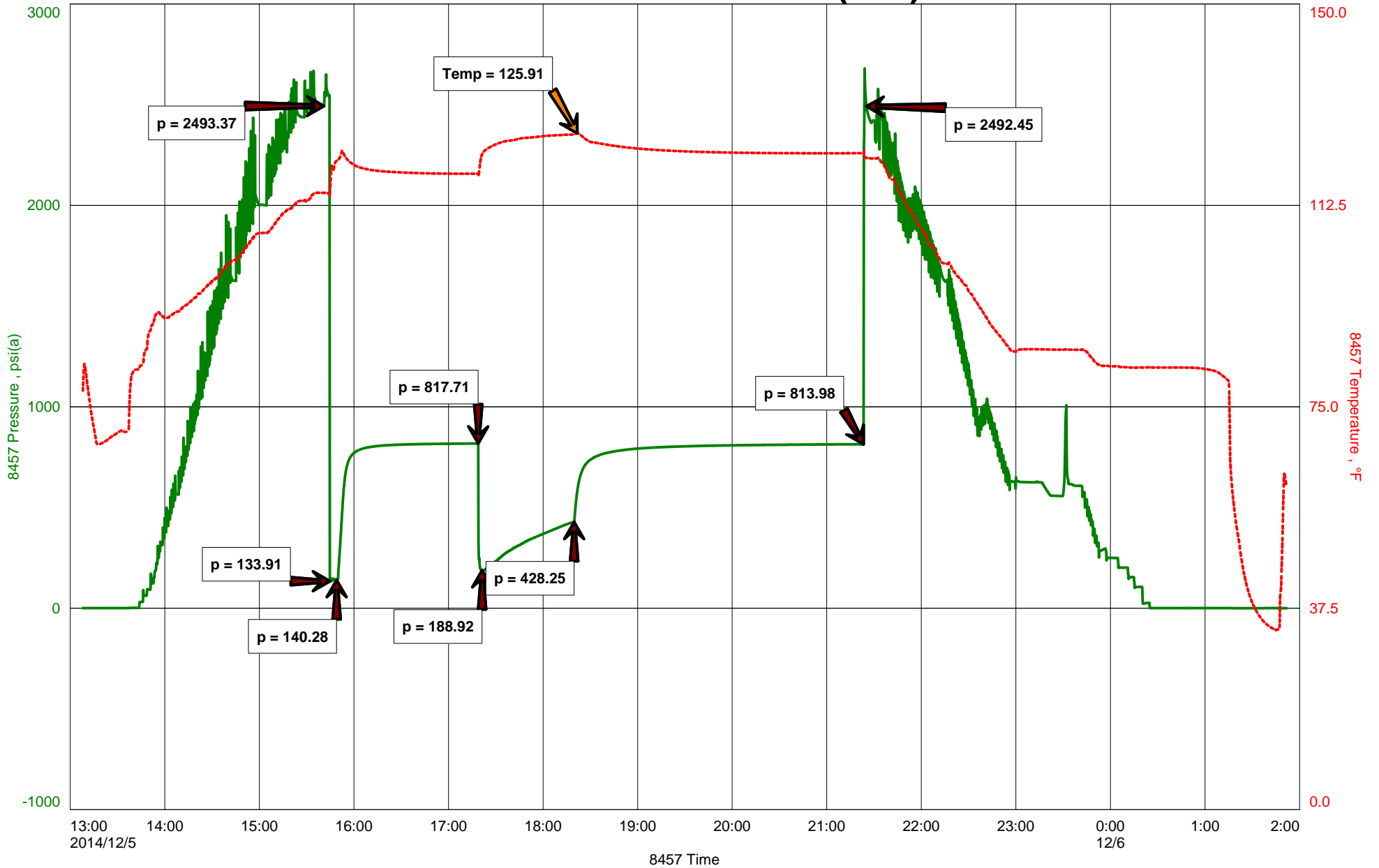
Start Test Time 13:08:00
Final Test Time 01:52:00

Test Recovery:

RECOVERED: 3860' GAS IN PIPE
860' G,SMCO, 21% GAS, 74% OIL, 5% MUD, GRAVITY: 26
310' G,HMCO, 8% GAS, 56% OIL, 36% MUD
60' G,HOCM, 8% GAS, 32% OIL, 60% MUD
1230' TOTAL FLUID

TOOL SAMPLE: GAS BLEW OUT

JAMES KOEHN #4-31 (NW)





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 13:08 12-5-14
 TIME OFF: 01:52 12-6-14

DRILL-STEM TEST TICKET
 FILE: JAMESKOEHN4-31NWDST1

Company FALCON EXPLORATION, INC. Lease & Well No. JAMES KOEHN #4-31 (NW)
 Contractor STERLING DRILLING COMPANY RIG #2 Charge to FALCON EXPLORATION, INC
 Elevation 2827 KB Formation MORROW SS Effective Pay _____ Ft. Ticket No. T425
 Date 12-5-14 Sec. 31 Twp. _____ 28 S Range _____ 30 W County GRAY State KANSAS
 Test Approved By DAVE WILLIAMS Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 1 Interval Tested from 5124 ft. to 5180 ft. Total Depth 5180 ft.
 Packer Depth 5119 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 5124 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 5105 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
 Bottom Recorder Depth (Outside) 5177 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 58 Drill Collar Length 216 ft. I.D. 2 1/4 in.
 Weight 9.25 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 3,800 P.P.M. Drill Pipe Length 4875 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 24 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{32' DP IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: GOOD 2 1/2 INCH BLOW, BUILDING, REACHING BOB 1 1/2 MIN. (4" BB)
 2nd Open: STRONG 6 INCH BLOW, BUILDING, REACHING BOB 30 SEC. (BOB BB)

Recovered 3860 ft. of GAS IN PIPE
 Recovered 860 ft. of G,SMCO, 21% GAS, 74% OIL, 5% MUD, GRAVITY: 26
 Recovered 310 ft. of G,HMCO, 8% GAS, 56% OIL, 36% MUD
 Recovered 60 ft. of G,HOCM, 8% GAS, 32% OIL, 60% MUD

Recovered <u>1230 ft.</u> of <u>TOTAL FLUID</u>	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: GAS BLEW OUT	Total

Time Set Packer(s) 3:44 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 9:19 PM ^{A.M.}/_{P.M.} Maximum Temperature 126 deg.

Initial Hydrostatic Pressure..... (A) 2493 P.S.I.
 Initial Flow Period..... Minutes 5 (B) 134 P.S.I. to (C) 148 P.S.I.
 Initial Closed In Period..... Minutes 90 (D) 818 P.S.I.
 Final Flow Period..... Minutes 60 (E) 189 P.S.I. to (F) 428 P.S.I.
 Final Closed In Period..... Minutes 180 (G) 814 P.S.I.
 Final Hydrostatic Pressure..... (H) 2492 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.