

DIAMOND TESTING

General Information Report

General Information

Company Name	FALCON EXPORATION, INC.	Representative	TIM VENTERS
Contact	JASON MITCHELL	Well Operator	FALCON EXPLORATION, INC.
Well Name	JAMES KOEHN #4-31 (NW)	Report Date	2014/12/07
Unique Well ID	DST #2, LWR. MORROW, 5182-5212	Prepared By	TIM VENTERS
Surface Location	SEC 31-28S-30W, GRAY CO. KS.	Qualified By	DAVE WILLIAMS
Field	LONG KNIFE		
Well Type	Vertical		
Test Type	CONVENTIONAL		
Formation	DST #2, LWR. MORROW, 5182-5212		
Well Fluid Type	01 Oil		
Start Test Date	2014/12/06	Start Test Time	12:47:00
Final Test Date	2014/12/07	Final Test Time	00:54:00

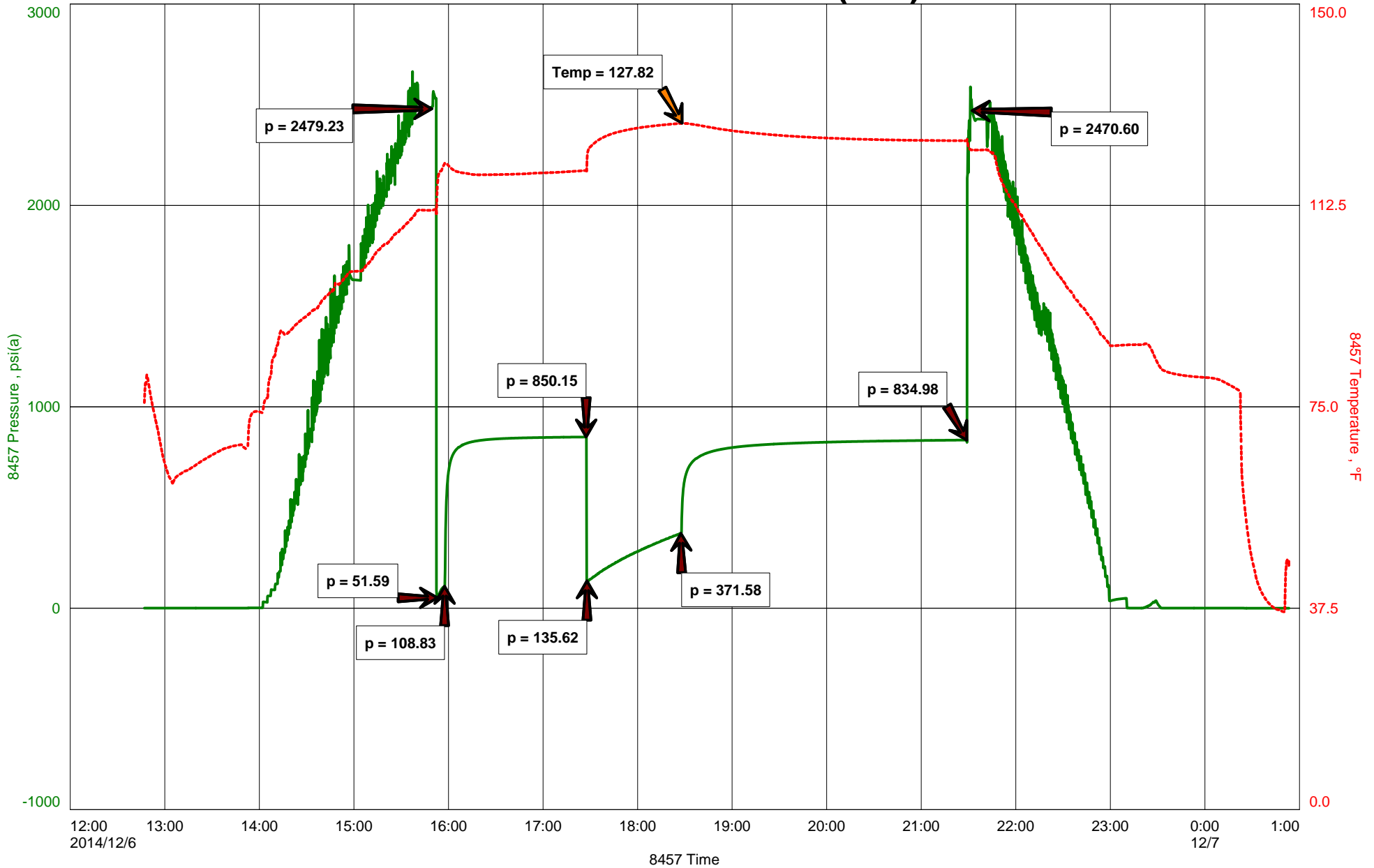
Test Recovery:

RECOVERED: 1110' GAS IN PIPE
45' SO&WCM, 9% OIL, 17% WATER, 74% MUD
65' O,HMCW, 14% OIL, 46% WATER, 40% MUD
320' SMCW W/TR. O, TRACE OIL, 93% WATER, 7% MUD
310' WATER
740' TOTAL FLUID

TOOL SAMPLE: SPOTTY OIL, 100% WATER

CHLORIDES: 144,000 ppm
PH: 5.5
RW: .10 @ 65 deg.

JAMES KOEHN #4-31 (NW)





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

TIME ON: 12:47 12-6-14
 TIME OFF: 00:54 12-7-12

DRILL-STEM TEST TICKET
 FILE: JAMESKOEHN4-31NWDST2

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 LOWER MORROW Effective Pay _____ Ft. Ticket No. T426
 Date 12-6-14 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. 2 Interval Tested from 5182 ft. to 5212 ft. Total Depth 5212 ft.
 Packer Depth 5177 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 5182 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 5163 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
 Bottom Recorder Depth (Outside) 5209 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 64 Drill Collar Length 216 ft. I.D. 2 1/4 in.
 Weight 8.9 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 4,000 P.P.M. Drill Pipe Length 4933 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 30 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: GOOD 2 INCH BLOW, BUILDING, REACHING BOB 2 1/2 MIN. (NO BB)
 2nd Open: GOOD 1 INCH BLOW, BUILDING, REACHING BOB 8 1/2 MIN. (3" BB)

Recovered <u>1110</u> ft. of <u>GAS IN PIPE</u>	
Recovered <u>45</u> ft. of <u>SO&WCM, 9% OIL, 17% WATER, 74% MUD</u>	
Recovered <u>65</u> ft. of <u>O,HMCW, 14% OIL, 46% WATER, 40% MUD</u>	
Recovered <u>320</u> ft. of <u>SMCW W/TR. O, TRACE OIL, 93% WATER, 7% MUD</u>	
Recovered <u>310</u> ft. of <u>WATER</u>	Price Job
Recovered <u>740</u> ft. of <u>TOTAL FLUID</u>	Other Charges
Remarks: _____	Insurance
_____	Total

TOOL SAMPLE: SPOTTY OIL, 100% WATER

Time Set Packer(s) 3:52 PM A.M. P.M. Time Started Off Bottom 9:27 PM A.M. P.M. Maximum Temperature 128 deg.
 Initial Hydrostatic Pressure..... (A) 2479 P.S.I.
 Initial Flow Period..... Minutes 5 (B) 52 P.S.I. to (C) 109 P.S.I.
 Initial Closed In Period..... Minutes 90 (D) 850 P.S.I.
 Final Flow Period..... Minutes 60 (E) 136 P.S.I. to (F) 372 P.S.I.
 Final Closed In Period..... Minutes 180 (G) 825 P.S.I.
 Final Hydrostatic Pressure..... (H) 2471 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.