



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: JMKHN1-7SWDST4

TIME ON: 0210
TIME OFF: 1250

Company FALCON EXPLORATION, INC. Lease & Well No. JM KOEHN #1-7(SW)
Contractor STERLING DRILLING COMPANY RIG 2 Charge to FALCON EXPLORATION, INC.
Elevation 2816 KB Formation PAWNEE Effective Pay _____ Ft. Ticket No. M728
Date 11/22/2014 Sec. 7 Twp. 28 S Range 29 W County GRAY State KANSAS
Test Approved By DAVID P. WILLIAMS Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 4800 ft. to 4845 ft. Total Depth 4845 ft.
Packer Depth 4795 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4800 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4782 ft. Recorder Number E1150 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4809 ft. Recorder Number 0063 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 55 Drill Collar Length 187 ft. I.D. 2 1/4 in.
Weight - Water Loss 7.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,200 P.P.M. Drill Pipe Length 4581 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 3 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 45 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (32" DP) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, BUILT TO 7/8" (NO BB)
2nd Open: VWSB, BUILT TO 3" (NO BB)

Recovered <18 ft. of GIP
Recovered ~45 ft. of GSOCM 6% GAS, 5% OIL, 89% MUD
Recovered ~45 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: _____	
TOOL SAMPLE: <u>2% GAS, 4% OIL, 2% WTR, 92% MUD</u>	Total

Time Set Packer(s) 4:35 A.M. A.M. P.M. Time Started Off Bottom 10:10 A.M. A.M. P.M. Maximum Temperature 118°F

Initial Hydrostatic Pressure..... (A) 2317 P.S.I.
Initial Flow Period..... Minutes 5 (B) 26 P.S.I. to (C) 28 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 1285 P.S.I.
Final Flow Period..... Minutes 90 (E) 30 P.S.I. to (F) 52 P.S.I.
Final Closed In Period..... Minutes 180 (G) 1337 P.S.I.
Final Hydrostatic Pressure..... (H) 2256 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.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	FALCON EXPLORATION, INC.	Job Number	M728
Well Name	JM KOEHN #1-7(SW)	Representative	MIKE COCHRAN
Unique Well ID	DST#4 4800-4845 PAWNEE	Well Operator	FALCON EXPLORATION, INC.
Surface Location	SEC.7-28S-29 GRAY CO.KS.	Report Date	2014/11/22
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	DAVID P. WILLIAMS
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#4 4800-4845 PAWNEE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/11/22	Start Test Time	02:10:00
Final Test Date	2014/11/22	Final Test Time	12:50:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:

<18' GIP
~45' GSOCM 6% GAS, 5% OIL, 89% MUD
~45' TOTAL FLUID

TOOL SAMPLE: 2% GAS, 4% OIL, 2% WTR, 92% MUD

FALCON EXPLORATION, INC.
DST#4 4800-4845 PAWNEE
Start Test Date: 2014/11/22
Final Test Date: 2014/11/22

JM KOEHN #1-7(SW)
Formation: DST#4 4800-4845 PAWNEE
Pool: WILDCAT
Job Number: M728

JM KOEHN #1-7(SW)

