



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: JMKHN1-7SWDST5

TIME ON: 1335
TIME OFF: 2215

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 LWR CHESTER SD. Effective Pay _____ Ft. Ticket No. M729
Date 11/23/2014 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. 5 Interval Tested from 5008 ft. to 5062 ft. Total Depth 5062 ft.
Packer Depth 5003 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 5008 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4990 ft. Recorder Number 0063 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 5010 ft. Recorder Number E1150 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 56 Drill Collar Length 187 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,600 P.P.M. Drill Pipe Length 4789 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 54 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: WEAK INTERMITTENT SURFACE BLOW (WISB) THAT BUILT TO 1/4" (NO BB)
2nd Open: VWISB THAT THAT DIED AFTER 11 MIN, FLUSH TOOL, A SURGE OF BUBBLES, NO HELP (NO BB)

Recovered <u>~20</u> ft. of <u>VSGOSM ~100% DRLG MUD W/ A FEW SPECKS OF OIL, & SOME GASSY BUBBLES</u>	
Recovered <u>~20</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>~100% MUD W/ A THIN SCUM OF OIL, SOME GASSY BUBBLES.</u>	Total

Time Set Packer(s) 4:15 P.M. ^{A.M.} P.M. Time Started Off Bottom 7:35 P.M. ^{A.M.} P.M. Maximum Temperature 120°F

Initial Hydrostatic Pressure..... (A) 2377 P.S.I.
Initial Flow Period..... Minutes 5 (B) 12 P.S.I. to (C) 17 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 97 P.S.I.
Final Flow Period..... Minutes 45 (E) 18 P.S.I. to (F) 34 P.S.I.
Final Closed In Period..... Minutes 90 (G) 81 P.S.I.
Final Hydrostatic Pressure..... (H) 2346 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	M729
Well Name	JM KOEHN #1-7(SW)	Representative	MIKE COCHRAN
Unique Well ID	DST#5 5008-5062 LWR CHESTER SD.	Well Operator	FALCON EXPLORATION, INC.
Surface Location	SEC.7-28S-29 GRAY CO.KS.	Report Date	2014/11/23
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#5 5008-5062 LWR CHESTER SD.		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/11/23	Start Test Time	13:35:00
Final Test Date	2014/11/23	Final Test Time	22:15:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks **RECOVERED:**

~20' VSGOSM ~100% DRLG MUD W/ A FEW SPECKS OF OIL, & SOME GASSY BUBBLES
~20' TOTAL FLUID

TOOL SAMPLE: ~100% MUD W/ A THIN SCUM OF OIL, SOME GASSY BUBBLES.

JM KOEHN #1-7(SW)

