



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: JMKHN1-7SWDST3

TIME ON: 1440 (11/20)
TIME OFF: 0235 (11/21)

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 DOUGLAS, LANSING 'A' & 'B' Effective Pay _____ Ft. Ticket No. M727
Date 11/20/2014 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. 3 Interval Tested from 4184 ft. to 4300 ft. Total Depth 4300 ft.
Packer Depth 4179 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4184 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4166 ft. Recorder Number 0063 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4186 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 57 Drill Collar Length 187 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,400 P.P.M. Drill Pipe Length 3965 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 116 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: SSB, BOB 1 1/2 MIN (NO BB)
2nd Open: SSB, BOB IMMEDIATELY GTS 48 MIN DID BURN NICELY (NO BB)

Recovered 253 ft. of GWM 1% GAS, 8% WTR, 91% MUD (191' DP, 62' DC)
Recovered 125 ft. of GMW 1% GAS, 62% WTR, 37% MUD (125' DC)
Recovered 378 ft. of TOTAL FLUID

Recovered _____ ft. of <u>CHLOR: 41,000 PPM</u>	Price Job
Recovered _____ ft. of <u>PH: 7.0</u>	
Recovered _____ ft. of <u>RW: .17 @ 75 DEG</u>	
Remarks: _____	Insurance
<u>FINAL FLOW: 23.3 MCF/D; SEE ATTACHED GAS REPORT</u>	
<u>TOOL SAMPLE: 1% GAS, 61% WTR, 38% MUD</u>	Total

Time Set Packer(s) 5:05 P.M. A.M. P.M. Time Started Off Bottom 11:40 P.M. A.M. P.M. Maximum Temperature 115°F

Initial Hydrostatic Pressure..... (A) 2022 P.S.I.
Initial Flow Period..... Minutes 5 (B) 22 P.S.I. to (C) 38 P.S.I.
Initial Closed In Period..... Minutes 90 (D) 1234 P.S.I.
Final Flow Period..... Minutes 120 (E) 39 P.S.I. to (F) 135 P.S.I.
Final Closed In Period..... Minutes 180 (G) 1230 P.S.I.
Final Hydrostatic Pressure..... (H) 1985 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	M727
Well Name	JM KOEHN #1-7(SW)	Representative	MIKE COCHRAN
Unique Well ID	DST#3 4184-34300 DOUGLAS, LANSING 'A' & 'B'	Well Operator	FALCON EXPLORATION, INC.
Surface Location	SEC.7-28S-29 GRAY CO.KS.	Report Date	2014/11/21
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	DAVID P. WILLIAMS
		Test Unit	NO. 3

Test Information

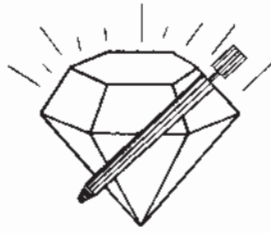
Test Type	CONVENTIONAL		
Formation	DST#3 4184-34300 DOUGLAS, LANSING 'A' & 'B'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/11/20	Start Test Time	14:40:00
Final Test Date	2014/11/21	Final Test Time	02:35:00
		Well Fluid Type	01 Oil
Gauge Name	0053		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
253' GWM 1% GAS, 8% WTR, 91% MUD (191' DP,62' DC)
125' GMW 1% GAS, 62% WTR, 37% MUD (125' DC)
378' TOTAL FLUID

CHLOR: 41,000 PPM
PH:7.0
RW: .17 @ 75 DEG

TOOL SAMPLE: 1% GAS, 61% WTR, 38% MUD



DIAMOND TESTING
 P. O. Box 157
HOISINGTON, KANSAS 67544
 (316) 653-7550
GAS VOLUME REPORT

Company FALCON EXPLORATION, INC. Lease & Well No. JM KOEHN #1-7(SW)
 Date 11-20-2014 Sec. 7 Twp. 28S Rge. 29W Location _____ County GRAY State KS
 Drilling Contractor STERLING DRILLING COMPANY RIG 2 Formation DOUGLAS, LANSING 'A' & 'B' DST No. 3
 Remarks: GTS 48 MIN 2ND OPEN, GAS BURNED NICELY

INITIAL FLOW PSI

Time O'Clock	Orifice Size	Gauge	CF/D
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	

FINAL FLOW PSI

Time O'Clock	Orifice Size	Gauge	CF/D
	1/8 in.	PSI in.	MCF/D
60 MIN	1/8 in.	1.5 PSI in.	3.39
70 MIN.	1/8 in.	5.75 in.	6.89
80 MIN.	1/8 in.	10.0 in.	9.45
90 MIN.	1/8 in.	19.0 in.	14.0
100 MIN.	1/8 in.	27.0 in.	17.8
110 MIN.	1/8 in.	32.5 in.	20.1
120 MIN.	1/8 in.	40.0 in.	23.3
	in.	in.	
	in.	in.	

SAMPLE TAKEN: YES (@ END OF FLOW)

FINAL FLOW: 23.3 MCF/D

FALCON EXPLORATION, INC.
DST#3 4184-34300 DOUGLAS, LANSING 'A' & 'B'
Start Test Date: 2014/11/20
Final Test Date: 2014/11/21

JM KOEHN #1-7(SW)
Formation: DST#3 4184-34300 DOUGLAS, LANSING 'A' & 'B'
Pool: WILDCAT
Job Number: M727

JM KOEHN #1-7(SW)

