



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: 1JNDDSDST4

TIME ON: 1010
TIME OFF: 1935

Company RAYMOND OIL COMPANY, INC. Lease & Well No. #1 JOAN DEEDS
Contractor L.D.DRILLING, INC. RIG 1 Charge to RAYMOND OIL COMPANY, INC.
Elevation 3400 KB Formation JOHNSON Effective Pay _____ Ft. Ticket No. M712
Date 9/25/2014 Sec. 9 Twp. _____ 6 S Range _____ 37 W County SHERMAN State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 4751 ft. to 4779 ft. Total Depth 4779 ft.
Packer Depth 4746 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4751 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4733 ft. Recorder Number 0063 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4753 ft. Recorder Number E1150 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth 4776 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Mud Type CHEM Viscosity 50 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 11.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,200 P.P.M. Drill Pipe Length 4719 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 28 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 10 MIN (NO BB)
2nd Open: SSB, BOB 13 MIN (NO BB)

Recovered 885 ft. of GMW 99% WTR, 1% MUD W/ SOME GASSY BUBBLES
Recovered 885 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: _____
PH: 7.0 RW: .42 @ 72 DEG CHLOR: 20,000 PPM
TOOL SAMPLE: _____

Time Set Packer(s) 12:30 P.M. ^{A.M.} P.M. Time Started Off Bottom 4:15 P.M. ^{A.M.} P.M. Maximum Temperature 152°F

Initial Hydrostatic Pressure..... (A) 2387 P.S.I.
Initial Flow Period..... Minutes 30 (B) 14 P.S.I. to (C) 202 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 1052 P.S.I.
Final Flow Period..... Minutes 45 (E) 197 P.S.I. to (F) 406 P.S.I.
Final Closed In Period..... Minutes 90 (G) 1044 P.S.I.
Final Hydrostatic Pressure..... (H) 2244 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	RAYMOND OIL COMPANY, INC.	Job Number	M712
Well Name	#1 JOAN DEEDS	Representative	MIKE COCHRAN
Unique Well ID	DST#4 4751-4779 JOHNSON	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC.9-6S-37W SHERMAN CO.KS.	Report Date	2014/09/25
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#4 4751-4779 JOHNSON		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/09/25	Start Test Time	10:10:00
Final Test Date	2014/09/25	Final Test Time	19:35:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
885' GMW 99% WTR, 1% MUD W/ SOME GASSY BUBBLES
885' TOTAL FLUID

CHLOR: 20,000 PPM
PH:7.0
RW: .42 @ 72 DEG

TOOL SAMPLE: 100% WTR

RAYMOND OIL COMPANY, INC.
DST#4 4751-4779 JOHNSON
Start Test Date: 2014/09/25
Final Test Date: 2014/09/25

#1 JOAN DEEDS
Formation: DST#4 4751-4779 JOHNSON
Pool: WILDCAT
Job Number: M712

#1 JOAN DEEDS

