



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: 1AFI-BCPNGUNT DST4

TIME ON: 1000
 TIME OFF: 1750

Company RAYMOND OIL COMPANY, INC. Lease & Well No. #1 AFI-BISCHOPING UNIT
 Contractor L.D.DRILLING, INC. RIG 1 Charge to RAYMOND OIL COMPANY, INC.
 Elevation 3364 KB Formation CHERO. Effective Pay _____ Ft. Ticket No. M698
 Date 8/27/2014 Sec. 19 Twp. _____ 3 S Range _____ 36 W County RAWLINS State KANSAS
 Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 4740 ft. to 4790 ft. Total Depth 4790 ft.
 Packer Depth 4735 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
 Packer Depth 4740 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 4722 ft. Recorder Number 5448 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 4742 ft. Recorder Number E1150 Cap. 5,000 P.S.I.
 Below Straddle Recorder Depth 4787 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Mud Type CHEM Viscosity 48 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 1,200 P.P.M. Drill Pipe Length 4708 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 50 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, INCREASED TO 3/4" (NO BB)
 2nd Open: NO BLOW (NO BB)

Recovered <u>6</u> ft. of <u>VSOSDM ~100% MUD W/ A VERY THIN SCUM OF OIL</u>	
Recovered <u>6</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 SLIGHT GASSY ODOR</u>	Total

Time Set Packer(s) 12:15 P.M. A.M. P.M. Time Started Off Bottom 3:45 P.M. A.M. P.M. Maximum Temperature 132°F
 Initial Hydrostatic Pressure..... (A) 2294 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 10 P.S.I.
 Initial Closed In Period..... Minutes 60 (D) 41 P.S.I.
 Final Flow Period..... Minutes 45 (E) 10 P.S.I. to (F) 10 P.S.I.
 Final Closed In Period..... Minutes 75 (G) 25 P.S.I.
 Final Hydrostatic Pressure..... (H) 2281 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	M698
Well Name	#1 AFI-BISCHOPING UNIT	Representative	MIKE COCHRAN
Unique Well ID	DST#4 4740-4790 CHERO.	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC.19-3S-36W RAWLINS CO.KS.	Report Date	2014/08/27
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 4740-4790 CHERO.		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/08/27	Start Test Time	10:00:00
Final Test Date	2014/08/27	Final Test Time	17:50:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
Gauge Serial Number			

Test Results

Remarks RECOVERED:

6' VSOSDM ~100% MUD W/ A VERY THIN SCUM OF OIL
6' TOTAL FLUID

TOOL SAMPLE: 100% MUD W/ A SLIGHT GASSY ODOR

#1 AFI-BISCHOPING UNIT

