



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: 1AFI-BCPNGUNT DST2

TIME ON: 0505
TIME OFF: _____

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 L/KC 180' ZONE Effective Pay _____ Ft. Ticket No. M696
Date 8/25/2014 Sec. 19 Twp. _____ 3 S Range _____ 36 W County RAWLINS State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 4446 ft. to 4490 ft. Total Depth 4490 ft.
Packer Depth 4441 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4446 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4428 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 4448 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 52 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,000 P.P.M. Drill Pipe Length 4414 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 44 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 1/4" (NO BB)
2nd Open: NO BLOW (NO BB)

Recovered <u><1</u> ft. of <u>DM 100% MUD</u>	
Recovered <u><1</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of <u>MISRUN DUE TO ELECTRONIC RECORDER FAILURE X2</u>	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>100% MUD</u>	Total

Time Set Packer(s) 7:30 A.M. A.M. P.M. Time Started Off Bottom 11:00 A.M. A.M. P.M. Maximum Temperature _____ °F

Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes 30 (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes 60 (D) _____ P.S.I.
Final Flow Period..... Minutes 45 (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes 75 (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ 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	M696
Well Name	#1 AFI-BISCHOPING UNIT	Representative	MIKE COCHRAN
Unique Well ID	DST#2 4446-4490 L/KC 180' ZONE	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC.19-3S-36W RAWLINS CO.KS.	Report Date	2014/08/25
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 4446-4490 L/KC 180' ZONE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/08/25	Start Test Time	05:05:00
Final Test Date	2014/08/25	Final Test Time	
		Well Fluid Type	01 Oil

Test Results

Remarks RECOVERED:
<1' DM 100% MUD
<1' TOTAL FLUID

MISRUN DUE TO ELECTRONIC RECORDER FAILURE X2

TOOL SAMPLE: 100% MUD