



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: 1AFI-BCPNGUNT DST3

TIME ON: 1305
TIME OFF: 2135

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 PAWNEE Effective Pay _____ Ft. Ticket No. M697
Date 8/26/2014 Sec. 19 Twp. _____ 3 S Range _____ 36 W County RAWLINS State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 4638 ft. to 4700 ft. Total Depth 4700 ft.

Packer Depth 4633 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4638 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4620 ft. Recorder Number 5448 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4640 ft. Recorder Number E1150 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth 4597 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 9.3 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in

Chlorides 2,000 P.P.M. Drill Pipe Length 4606 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 62 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: GSB, INCREASED TO 4" (NO BB)

2nd Open: GSB 1" RIGHT AWAY, THEN NO BLOW, FLUSH TOOL, NO HELP (NO BB)

Recovered 130 ft. of GIP

Recovered _____ ft. of TRACE OF FREE OIL

Recovered 55 ft. of GOCM 7% GAS, 28% OIL, 65% MUD

Recovered 55 ft. of TOTAL FLUID

Recovered _____ ft. of _____ Price Job

Recovered _____ ft. of _____ Other Charges

Remarks: _____ Insurance

TOOL SAMPLE: 2% GAS, 33% OIL, 65% MUD Total

Time Set Packer(s) 3:30 P.M. A.M. P.M. Time Started Off Bottom 7:15 P.M. A.M. P.M. Maximum Temperature 133°F

Initial Hydrostatic Pressure..... (A) 2277 P.S.I.

Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 18 P.S.I.

Initial Closed In Period..... Minutes 60 (D) 1255 P.S.I.

Final Flow Period..... Minutes 45 (E) 18 P.S.I. to (F) 33 P.S.I.

Final Closed In Period..... Minutes 90 (G) 1259 P.S.I.

Final Hydrostatic Pressure..... (H) 2260 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	M697
Well Name	#1 AFI-BISCHOPING UNIT	Representative	MIKE COCHRAN
Unique Well ID	DST#3 4638-4700 PAWNEE	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC.19-3S-36W RAWLINS CO.KS.	Report Date	2014/08/26
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#3 4638-4700 PAWNEE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/08/26	Start Test Time	13:05:00
Final Test Date	2014/08/26	Final Test Time	21:35:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
Gauge Serial Number			

Test Results

Remarks RECOVERED:

130' GIP
TRACE OF FREE OIL
55' GOCM 7% GAS, 28% OIL, 65% MUD
55' TOTAL FLUID

TOOL SAMPLE: 2% GAS, 33% OIL, 65% MUD

RAYMOND OIL COMPANY, INC.
DST#3 4638-4700 PAWNEE
Start Test Date: 2014/08/26
Final Test Date: 2014/08/26

#1 AFI-BISCHOPING UNIT
Formation: DST#3 4638-4700 PAWNEE
Pool: WILDCAT
Job Number: M697

#1 AFI-BISCHOPING UNIT

