



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
APO#18DST#1STRADDLE

Company American Patriot Oil, LLC Lease & Well No. APO #18 Waller Lowry No. 1
Elevation 2045 EGL Formation Lansing/Kansas City "L" Effective Pay Ft. Ticket No. P0108
Date 4-28-16 Sec. 31 Twp. 8S Range 19W County Rooks State Kansas
Test Approved By Marc Downing Diamond Representative Michael Carroll

Formation Test No. 1 Interval Tested from 3,490 ft. to 3,521 ft. Total Depth 3,576 ft.
Packer Depth 3,485 ft. Size 6 3/4 in. Packer Depth 3,521 ft. Size 6 3/4 in.
Packer Depth 3,490 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set 3,521 ft.

Top Recorder Depth (Inside) 3,478 ft. Recorder Number 5950 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) ft. Recorder Number Cap. psi.
Below Straddle Recorder Depth 3,556 ft. Recorder Number 0230 Cap. 5,000 psi.

Drilling Contractor WW Drilling, LLC - Rig 12 Drill Collar Length 121 ft I.D. 2 1/4 in.
Mud Type Chemical Viscosity 62 Weight Pipe Length ft I.D. in.
Weight 9.4 Water Loss 7.2 cc. Drill Pipe Length 3,336 ft I.D. 3 1/2 in.
Chlorides 4,800 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 11 Anchor Length 31' perf. w/55' tail pipe Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, surface blow increasing to 1/2 in., then decreasing to a weak, surface blow. No blow back during shut-in.
2nd Open: No blow. No build. No blow back during shut-in.

Recovered 2 ft. of mud = .009840 bbls. (Grind out: 100%-mud)
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks Tool Sample Grind Out: 100%-mud with oil specks
Below Straddle Psi: 1,400

Time Set Packer(s) 11:04 P.M. Time Started off Bottom 1:04 A.M. Maximum Temperature 105°
Initial Hydrostatic Pressure.....(A) 1710 P.S.I.
Initial Flow Period.....Minutes 30 (B) 17 P.S.I. to (C) 18 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 29 P.S.I.
Final Flow Period.....Minutes 30 (E) 18 P.S.I. to (F) 19 P.S.I.
Final Closed In Period.....Minutes 30 (G) 25 P.S.I.
Final Hydrostatic Pressure.....(H) 1686 P.S.I.



Hoisington, Kansas

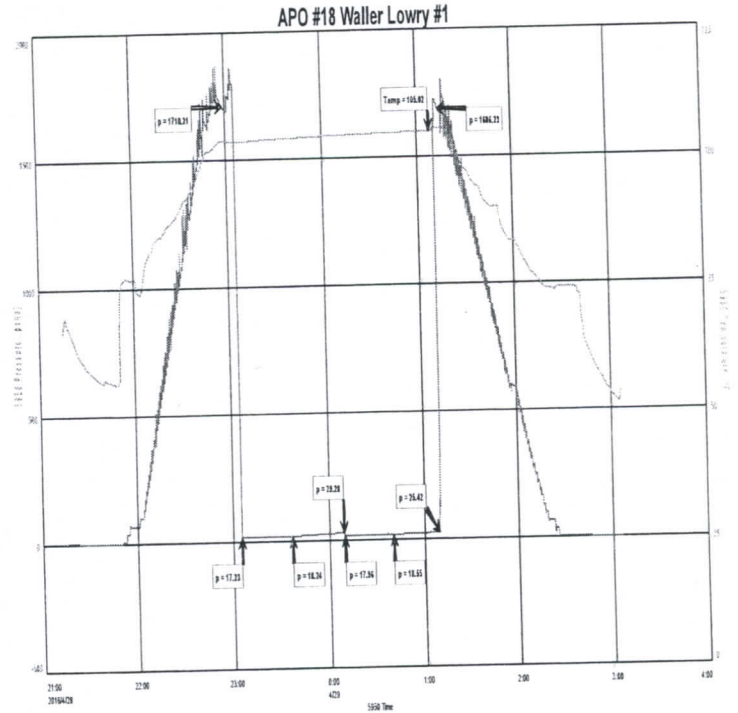
Michael Carroll
 620-617-0368
 carroll.dtlc@gmail.com

General Information

Company Name American Patriot Oil, LLC

Contact	Douglas Stewart
Well Name	APO #18 Waller Lowry #1
Unique Well ID	Dst #1 L/KC "L" 3490-3521' Straddle
Surface Location	Sec 31-8s-19w Rooks County
Field	Wildcat
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	American Patriot Oil, LLC

Formation	Dst #1 L/KC "L" 3490-3521' Straddle
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Start Test Date	2016/04/28
Start Test Time	21:15:00
Final Test Time	03:10:00
Job Number	P0108
Report Date	2016/04/28
Prepared By	Michael Carroll



TEST RECOVERY

Remarks Recovery: 2' Mud 100% M

Tool Sample: 100% M With Oil Specks



DIAMOND TESTING, LLC
 P.O. Box 157
 HOISINGTON, KANSAS 67544-0157
 (800) 542-7313

TIME ON: 2115 4-28
 TIME OFF: 0310 4-29

DRILL-STEM TEST TICKET

FILE: AP0#181357#1

Company AMERICAN PATRIOT OIL LLC Lease & Well No. AP0#18 WALKER LOWRY
 Contractor WN Rig 12 Charge to AMERICAN PATRIOT OIL LLC
 Elevation 2045 EST Formation LANS/KC "L" Effective Pay _____ Ft. Ticket No. P0108
 Date 4-28-16 Sec. 21 Twp. 8 S Range 19 W County HOOKS State KANSAS
 Test Approved By _____ Diamond Representative MICHAEL CARROLL

Formation Test No. 1 Interval Tested from 3490 ft. to 3521 ft. Total Depth 3516 ft.
 Packer Depth 3485 ft. Size 6 3/4 in. Packer depth 3521 ft. Size 6 3/4 in.
 Packer Depth 3490 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3478 ft. Recorder Number 5950 Cap. 5K P.S.I.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Below Straddle Recorder Depth 3556 ft. Recorder Number 0290 Cap. 5K P.S.I.

Mud Type CHEM Viscosity 62 Drill Collar Length 121 ft. I.D. 2 1/4 in.
 Weight 9.4 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 4800 P.P.M. Drill Pipe Length 3336 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 14) 11 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? No Reversed Out No Anchor Length 31' (55' TAIL) 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: W38-BUILT TO 1/2" THEN DECREASED TO W38 No BB
 2nd Open: No Blow - No Buils No BB

Recovered 2 ft. of MUD 100% M
 Recovered 2 ft. of TOTAL FLUID
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Remarks: TOOK SAMPLE: 100% M WITH PIN SPECKS
KNOW STRADDLE PSI: 1400

Price Job
Other Charges <u>190 MILKS</u>
Insurance
Total

Time Set Packer(s) 11:04 A.M. Time Started Off Bottom 1:04 P.M. Maximum Temperature 105°F
 Initial Hydrostatic Pressure..... (A) 1710 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 17 P.S.I. to (C) 18 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 29 P.S.I.
 Final Flow Period..... Minutes 30 (E) 18 P.S.I. to (F) 19 P.S.I.
 Final Closed In Period..... Minutes 30 (G) 25 P.S.I.
 Final Hydrostatic Pressure..... (H) 1686 P.S.I.

Diamond Testing, LLC 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.