



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: Demel2DST3

TIME ON: 5-27 18:29
 TIME OFF: 5-28 00:36

Company John Roy Evans Oil Co. LLC Lease & Well No. Demel #2
 Contractor Royal Rig #2 Charge to John Roy Evans Oil Co. LLC
 Elevation 1869 GL Formation Arbuckle Effective Pay _____ Ft. Ticket No. S0340
 Date 5-27-13 Sec. 6 Twp. 17 S Range 11 W County Barton State KANSAS
 Test Approved By Jim Musgrove Diamond Representative JACOB MCCALLIE

Formation Test No. 3 Interval Tested from 3330 ft. to 3340 ft. Total Depth 3340 ft.
 Packer Depth 3325 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.
 Packer Depth 3330 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3318 ft. Recorder Number 8471 Cap. 10000 P.S.I.
 Bottom Recorder Depth (Outside) 3337 ft. Recorder Number 3851 Cap. 5700 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 58 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.1 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 6,500 P.P.M. Drill Pipe Length 3304 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number N/A Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 10 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: 2 1/2" Blow- Built to BB in 2 1/2 min **NOBB**
 2nd Open: 2" Blow- Built to BB in 5 min **NOBB**

Recovered <u>20</u> ft. of <u>GIP</u>	
Recovered <u>118</u> ft. of <u>CO</u> <u>100% CO</u> GRAVITY: <u>36.5 @ 60 degrees F</u>	
Recovered <u>126</u> ft. of <u>SLGCMCHOCW</u> <u>8% G 35% O 37% W 20% M</u>	
Recovered <u>189</u> ft. of <u>SLO&MCW</u> <u>5% O 90% W 5% M</u>	
Recovered <u>504</u> ft. of <u>SLMCW</u> <u>98% W 2% M</u>	Price Job
Recovered <u>937</u> ft. of <u>TOTAL FLUID</u>	Other Charges
Remarks: <u>PH: 7 RW: .35 @ 70 degrees F CHLORIDES: 15,000 ppm</u>	Insurance
<u>TOOL SAMPLE: 5% O 85% W 10% M</u>	Total

Time Set Packer(s) 7:51 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 10:21 PM ^{A.M.}/_{P.M.} Maximum Temperature 111

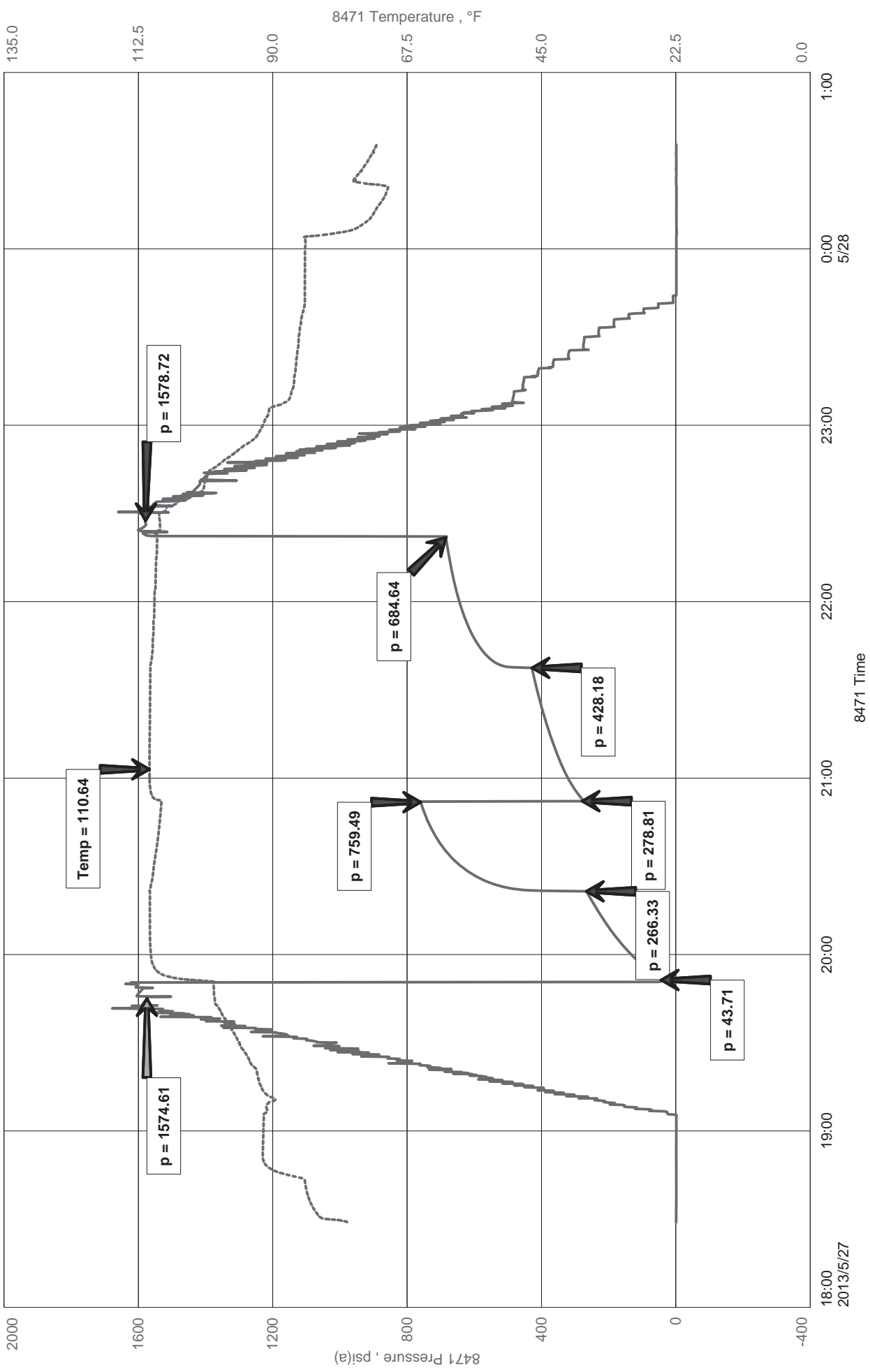
Initial Hydrostatic Pressure..... (A) 1575 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 44 P.S.I. to (C) 266 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 759 P.S.I.
 Final Flow Period..... Minutes 45 (E) 279 P.S.I. to (F) 428 P.S.I.
 Final Closed In Period..... Minutes 45 (G) 685 P.S.I.
 Final Hydrostatic Pressure..... (H) 1579 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.

John Roy Evans Oil Co LLC
DST #3 Arbuckle 3330-3340'
Start Test Date: 2013/05/27
Final Test Date: 2013/05/28

Demel #2
Formation: DST #3 Arbuckle 3330-3340'
Pool: Infield
Job Number: S0340

Demel #2





**DIAMOND TESTING
ROGER D. FRIEDLY - TESTER
CELL 620-793-2043**

Company Name John Roy Evans Oil Co LLC
Contact Gary Kirmer
Well Name Demel #2
Unique Well ID DST #3 Arbuckle 3330-3340'
Surface Location SEC 6-17S-11W Barton County
Field Kraft & Prusa

Test Information

Job Number S0340
Test Unit 3
Representative Jacob McCallie
Well Operator John Roy Evans Oil Co LLC
Report Date 2013/05/27
Prepared By Jacob McCallie
Qualified By Jim Musgrove

Test Type Drill Stem Test
Formation DST #3 Arbuckle 3330-3340'
Test Purpose Initial Test
Well Fluid Type 01 Oil
H2S

Start Test Date 2013/05/27 Start Test Time 18:29:00
Final Test Date 2013/05/28 Final Test Time 00:36:00

Remarks

RECOVERED:

20' GIP
118' CO 100% O GRAVITY: 36.5 @ 60 degrees F
126' SLGCMCHOCW 8% G 35% O 37% W 20% M
189' SLO&MCW 5% O 90% W 5% M
504' SLMCW 98% W 2% M
937' TOTAL FLUID

PH: 7
RW: .35 @ 70 degrees F
Chlorides: 15,000 ppm

TOOL SAMPLE:
5% O 85% W 10% M