



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: Demel2DST2

TIME ON: 8:24  
TIME OFF: 13:34

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. S0339  
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. 2 Interval Tested from 3300 ft. to 3335 ft. Total Depth 3335 ft.  
Packer Depth 3288 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3332 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3288 ft. Recorder Number 8471 Cap. 10000 P.S.I.  
Bottom Recorder Depth (Outside) 3332 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 3274 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 35 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: 3/4" Blow- Built to BB in 16 3/4 min **NOBB**  
2nd Open: 1/2" Blow- Built to BB in 45 min **NOBB**

Recovered 177 ft. of CO 100% CO GRAVITY: 36.8 @ 60 degrees F  
Recovered 63 ft. of SLGCHOCM 16% G 32% O 52% M  
Recovered 240 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: _____	
TOOL SAMPLE: <u>100% CO</u>	Total

Time Set Packer(s) 9:31 AM A.M. P.M. Time Started Off Bottom 12:01 PM A.M. P.M. Maximum Temperature 106

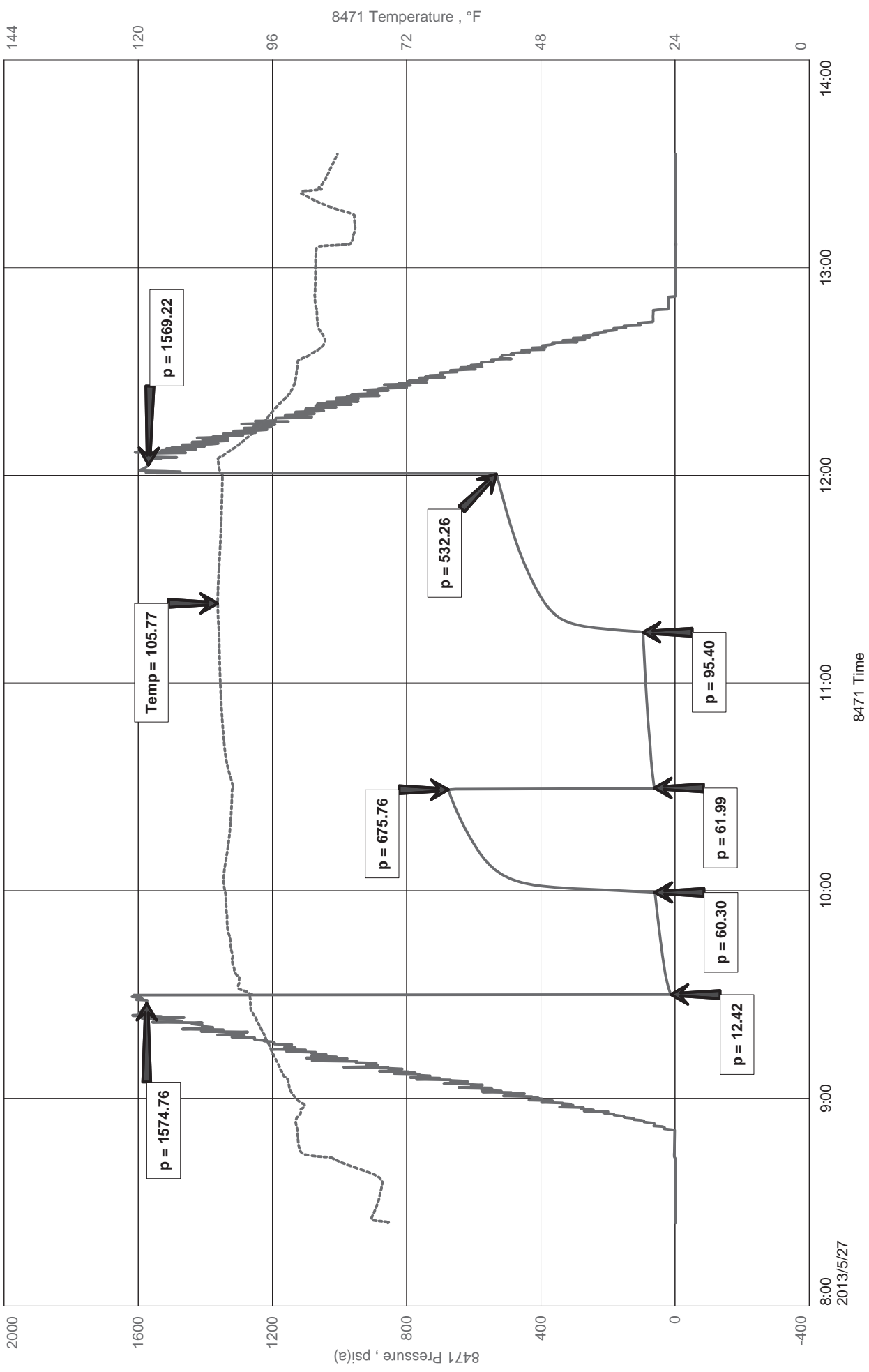
Initial Hydrostatic Pressure..... (A) 1575 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 12 P.S.I. to (C) 60 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 676 P.S.I.  
Final Flow Period..... Minutes 45 (E) 62 P.S.I. to (F) 95 P.S.I.  
Final Closed In Period..... Minutes 45 (G) 532 P.S.I.  
Final Hydrostatic Pressure..... (H) 1569 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 #2 Arbuckle 3300-3335'  
Start Test Date: 2013/05/27  
Final Test Date: 2013/05/27

Demel #2  
Formation: DST #2 Arbuckle 3300-3335'  
Pool: Infield  
Job Number: S0339

# 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 #2 Arbuckle 3300-3335'  
Surface Location       SEC 6-17S-11W Barton County  
Field                      Kraft-Prusa

**Test Information**

Job Number                S0339  
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 #2 Arbuckle 3300-3335'  
Test Purpose               Initial Test  
Well Fluid Type           01 Oil  
H2S

Start Test Date            2013/05/27    Start Test Time            08:24:00  
Final Test Date            2013/05/27    Final Test Time            13:34:00

Remarks

**RECOVERED:**

177'    CO                    100% o                    GRAVITY: 36.8 @ 60 degrees F  
63'    SLGCHOCM                16% G 32% O 52% M  
240'    TOTAL FLUID

**TOOL SAMPLE:**

100% O