



15-185-23652

19-25s-11w

### DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 30037.D070

Company Reif Oil & Gas Company, LLC Lease & Well No. Debes No. 3

Elevation 1848 KB Formation Mississippi Effective Pay      -- Ft. Ticket No. M070

Date 12-13-10 Sec. 19 Twp. 25S Range 11W County Stafford State Kansas

Test Approved By Josh R. Austin Diamond Representative Michael Cochran

Formation Test No. 1 Interval Tested from 3,932 ft. to 3,990 ft. Total Depth 3,990 ft.

Packer Depth 3,927 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.

Packer Depth 3,932 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.

Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 3,921 ft. Recorder Number 30037 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,987 ft. Recorder Number 13386 Cap. 3,875 psi

Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor Royal Drilling, Inc. - Rig 1 Drill Collar Length 31 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 68 Weight Pipe Length      -- ft. I.D.      -- in.

Weight 9.1 Water Loss 14.6 cc. Drill Pipe Length 3,876 ft. I.D. 3 1/2 in.

Chlorides 12,000 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 58 ft. 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: Good, surface blow. Off bottom of bucket in 14 mins. No blow back during shut-in.

2nd Open: Good, surface blow. Off bottom of bucket in 30 secs. No blow back during shut-in.

Recovered 505 ft. of gas in pipe

Recovered 62 ft. of gassy oil specked watery mud = .593650 bbls. (Grind out: 4%-gas; 10%-water; 86%-mud with a thick scum of oil)

Recovered 62 ft. of TOTAL FLUID = .593650 bbls.

Recovered      ft. of

Recovered      ft. of

Remarks Tool Sample Grind Out: 1%-oil scum; 12%-water; 87%-mud

Time Set Packer(s) 11:25 A.M. RXX Time Started Off Bottom 2:25 P.M. XXX Maximum Temperature 115°

Initial Hydrostatic Pressure ..... (A) 1834 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 32 P.S.I. to (C) 37 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 439 P.S.I.

Final Flow Period ..... Minutes 45 (E) 36 P.S.I. to (F) 47 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 463 P.S.I.

Final Hydrostatic Pressure ..... (H) 1833 P.S.I.



**General Information**

|                     |                                  |                   |   |
|---------------------|----------------------------------|-------------------|---|
| Company Name        | REIF OIL & GAS CO.               |                   |   |
| Contact             | DON REIF                         |                   |   |
| Well Name           | DEBES #3                         |                   |   |
| Unique Well ID      | DST1 3932-3990 MISS              | KB Elevation (SL) | m |
| Surface Location    | SEC. 19-25S-11W STAFFORD CO, KS. | CF Elevation (SL) | m |
| Well License Number |                                  | GL Elevation (SL) | m |
| Field               | WILDCAT                          | KB-CF Offset      | m |
| Well Type           | Vertical                         | KB-GL Offset      | m |

**Test Information**

|                     |                     |                |                    |
|---------------------|---------------------|----------------|--------------------|
| Test Type           | CONVENTIONAL        | Job Number     | M070               |
| Formation           | DST1 3932-3990 MISS | Representative | MIKE COCHRAN       |
| Well Fluid Type     | 01 Oil              | Well Operator  | REIF OIL & GAS CO. |
| Test Purpose (AEUB) |                     | Report Date    | 2010/12/13         |
| H2S                 | ppm                 | Prepared By    | MIKE COCHRAN       |

**Test/Production Interval**

|                |   |                |   |
|----------------|---|----------------|---|
| Top(Log KB)    | m | Top(TVD KB)    | m |
| Bottom(Log KB) | m | Bottom(TVD KB) | m |
| MPP(Log KB)    | m | MPP(TVD KB)    | m |

|                   |            |                   |          |
|-------------------|------------|-------------------|----------|
| Start Test Date   | 2010/12/13 | Start Test Time   | 08:57:00 |
| Final Test Date   | 2010/12/13 | Final Test Time   | 16:35:00 |
| Date Well Shut-In |            | Time Well Shut-In |          |
| Flow Duration     |            | Shut-In Duration  |          |

|                          |        |                          |        |
|--------------------------|--------|--------------------------|--------|
| Tubing Pressure: Initial | kPa(a) | Casing Pressure: Initial | kPa(a) |
| Tubing Pressure: Final   | kPa(a) | Casing Pressure: Final   | kPa(a) |

**Wellbore Information**

|                      |    |                      |    |
|----------------------|----|----------------------|----|
| Flow Path            |    | Completion Type      |    |
| Tubing ID            | mm | Casing ID            | mm |
| Tubing OD            | mm | Casing OD            | mm |
| Tubing Depth(Log KB) | m  | Tubing Depth(TVD KB) | m  |
| Casing Depth(Log KB) | m  | Casing Depth(TVD KB) | m  |
| Packer Depth(Log KB) | m  | Packer Depth(TVD KB) | m  |
| PBTD(Log KB)         | m  | PBTD(TVD KB)         | m  |

**Test Results**

|                          |        |
|--------------------------|--------|
| Gauge Name               | 30037  |
| Gauge Serial Number      |        |
| Run Depth (TVD KB)       | m      |
| Pressure at Run Depth    | kPa(a) |
| Pressure at MPP          | kPa(a) |
| Temperature at Run Depth | °C     |

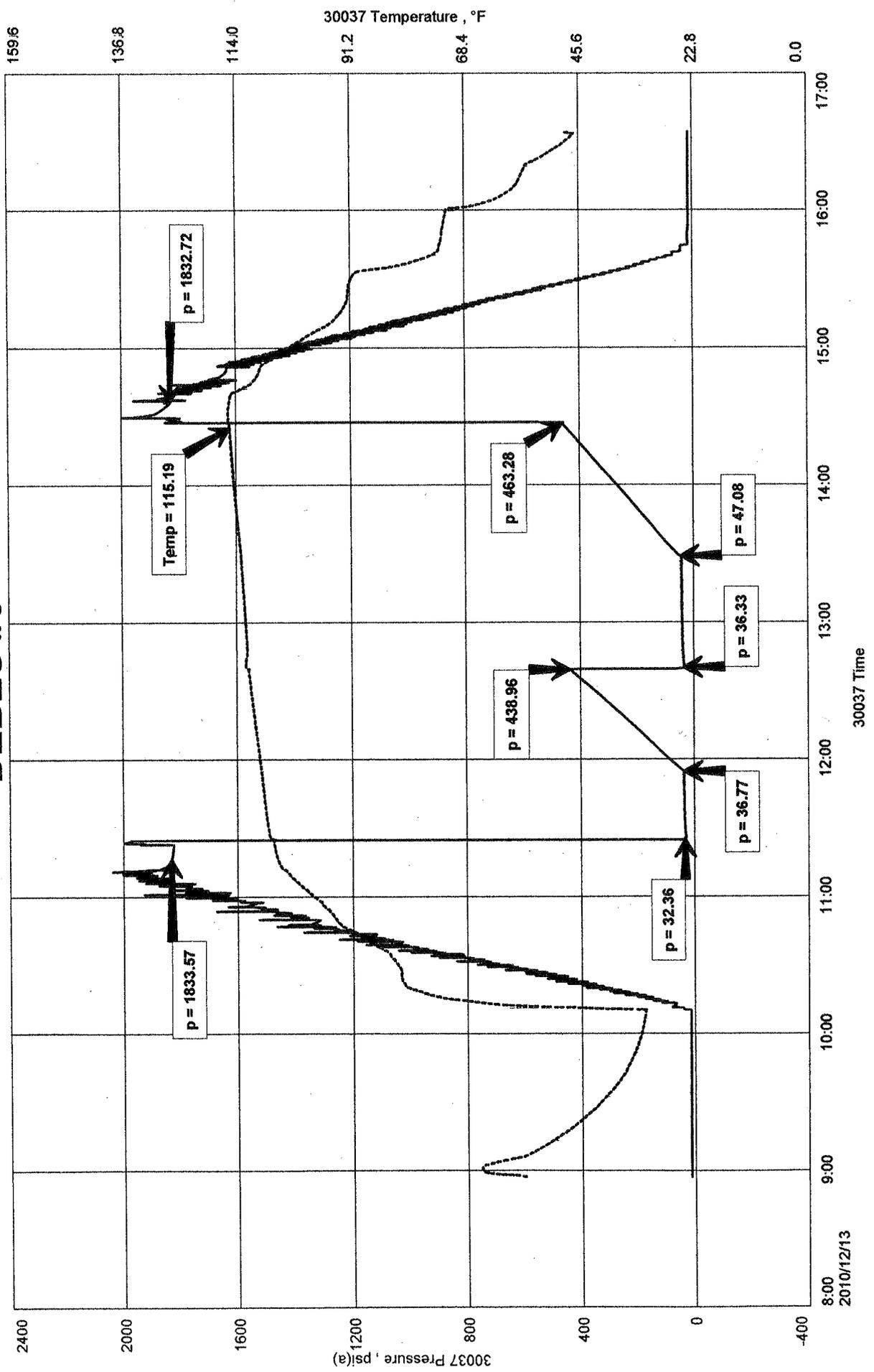
RECOVERED: 505' GIP  
 62' goswm 4% gas, 10% wtr, 86% mud, thick scum of oil  
 62' TOTAL FLUID

TOOL SAMPLE: 1% OIL SCUM, 12% WTR, 87% MUD

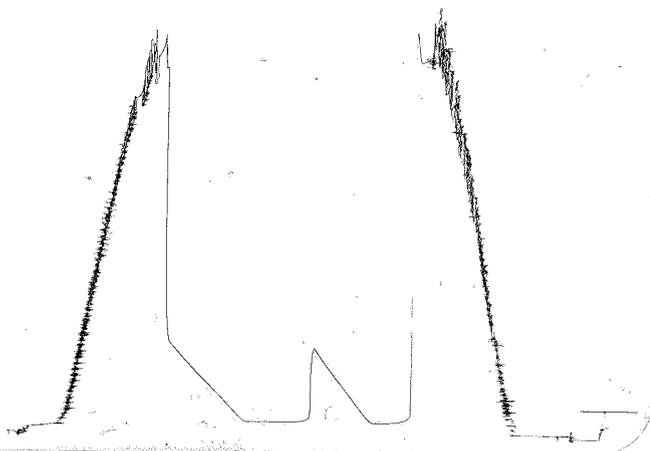
REIF OIL & GAS CO.  
 DST1 3932-3990 MISS  
 Start Test Date: 2010/12/13  
 Final Test Date: 2010/12/13

DEBES #3  
 Formation: DST1 3932-3990 MISS  
 Pool: WILDCAT  
 Job Number: M070

# DEBES #3



DST #1 outside 13886 3932-8990  
 Mississippi Loc 3987



This is an actual photograph of recorder chart.

| POINT                                 | PRESSURE      |                      |     |
|---------------------------------------|---------------|----------------------|-----|
|                                       | Field Reading | Elec. Office Reading |     |
| (A) Initial Hydrostatic Mud .....     | 1834          | 1834                 | PSI |
| (B) First Initial Flow Pressure.....  | 32            | 32                   | PSI |
| (C) First Final Flow Pressure .....   | 37            | 37                   | PSI |
| (D) Initial Closed-in Pressure .....  | 439           | 439                  | PSI |
| (E) Second Initial Flow Pressure..... | 36            | 36                   | PSI |
| (F) Second Final Flow Pressure.....   | 47            | 47                   | PSI |
| (G) Final Closed-in Pressure.....     | 463           | 463                  | PSI |
| (H) Final Hydrostatic Mud.....        | 1833          | 1833                 | PSI |