



15-009-25640

14-16s-12w

DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D1073

Company Webco Oil Company, Inc. Lease & Well No. Feltes No. 2

Elevation 1901 GL Formation Lansing "H" - "J" Effective Pay -- Ft. Ticket No. J2869

Date 12-12-11 Sec. 14 Twp. 16S Range 12W County Barton State Kansas

Test Approved By James C. Musgrove Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,189 ft. to 3,260 ft. Total Depth 3,260 ft.

Packer Depth 3,184 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,189 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,192 ft. Recorder Number 30046 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 3,257 ft. Recorder Number 11073 Cap. 4,000 psi

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Southwind Drilling, Inc. - Rig 6 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 55 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 8.2 cc. Drill Pipe Length 3,169 ft. I.D. 3 1/2 in.

Chlorides 3,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 71 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: Weak blow. Dead in 25 mins. No blow back during shut-in.

2nd Open: No blow. Flushed tool, but of no help. No blow back during shut-in.

Recovered 5 ft. of oil specked drilling mud = .071150 bbls.

Recovered -- ft. of --

Remarks

Time Set Packer(s) 1:15 AM P.M. Time Started Off Bottom 3:15 PM P.M. Maximum Temperature 95°

Initial Hydrostatic Pressure (A) 1549 P.S.I.

Initial Flow Period Minutes 30 (B) 25 P.S.I. to (C) 29 P.S.I.

Initial Closed In Period Minutes 30 (D) 42 P.S.I.

Final Flow Period Minutes 30 (E) 29 P.S.I. to (F) 28 P.S.I.

Final Closed In Period Minutes 30 (G) 35 P.S.I.

Final Hydrostatic Pressure (H) 1526 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: WEBCO OIL

Contact: NICK WEBER

Phone: Fax: e-mail:

### Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

### Well Information:

Name: FELTES 2

Operator: WEBCO OIL

Location-Downhole:

Location-Surface: S14/16S12W

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL

Job Number: D1073

Test Unit:

Start Date: 2011/12/12

Start Time: 12:00:00

End Date: 2011/12/12

End Time: 17:00:00

Report Date: 2011/12/12

Prepared By: JOHN RIEDL

### Remarks:

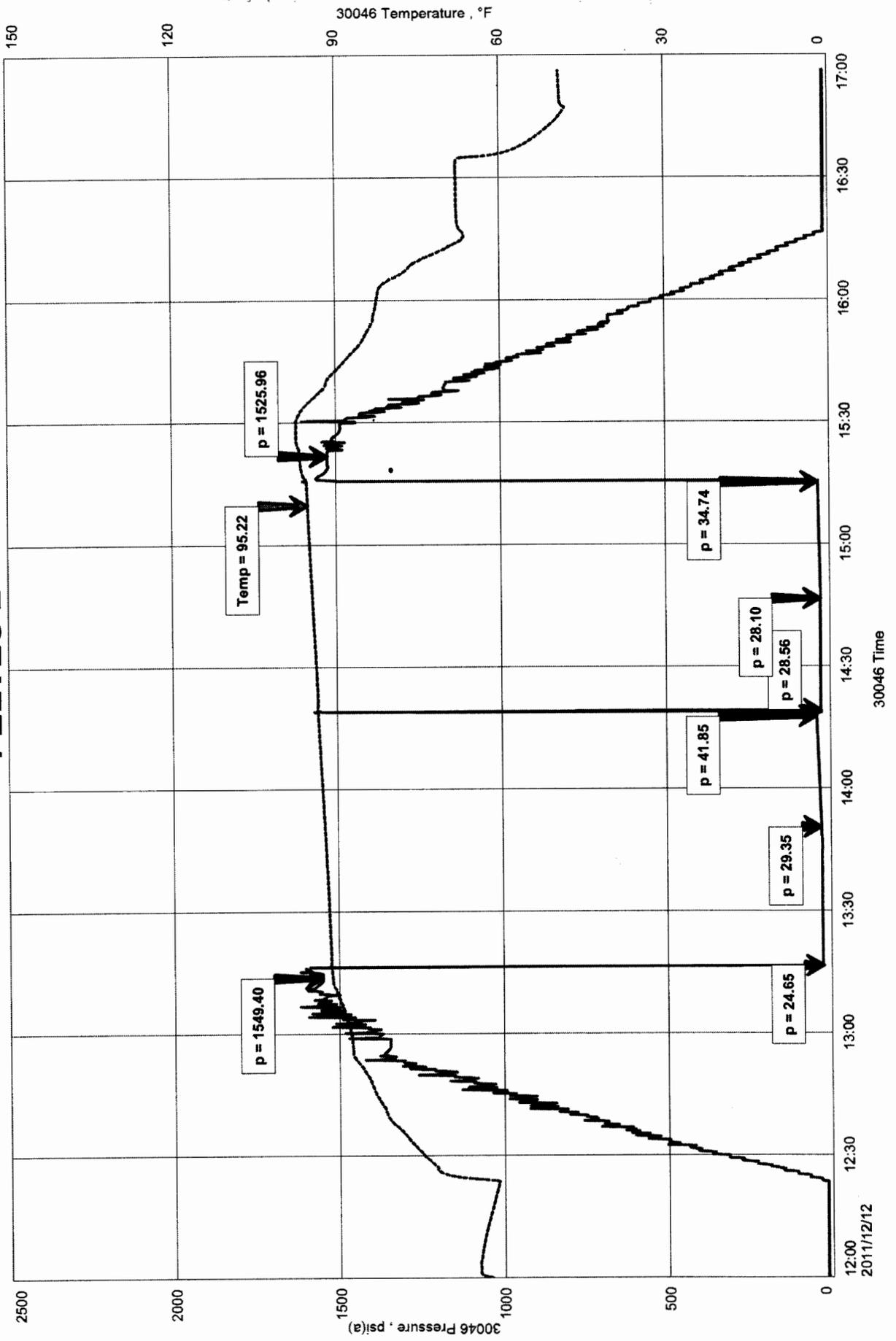
Qualified By: JIM MUSGROVE

RECOVERY: 5' OIL SPECKED DRILLING MUD

FELTES 2  
Formation: LANSING  
Job Number: D1073

WEBCO OIL  
Start Test Date: 2011/12/12  
Final Test Date: 2011/12/12

# FELTES 2







**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC 30046.D1074

Company Webco Oil Company, Inc. Lease & Well No. Feltes No. 2  
Elevation 1901 GL Formation Arbuckle Effective Pay      Ft. Ticket No. J2870  
Date 12-13-11 Sec. 14 Twp. 16S Range 12W County Barton State Kansas  
Test Approved By Josh R. Austin Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,290 ft. to 3,336 ft. Total Depth 3,336 ft.  
Packer Depth 3,285 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Packer Depth 3,290 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 3,293 ft. Recorder Number 30046 Cap. 6,000 psi  
Bottom Recorder Depth (Outside) 3,333 ft. Recorder Number 11073 Cap. 4,000 psi  
Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor Southwind Drilling, Inc. - Rig 6 Drill Collar Length      ft. I.D.      in.  
Mud Type Chemical Viscosity 55 Weight Pipe Length      ft. I.D.      in.  
Weight 9.2 Water Loss 8.2 cc. Drill Pipe Length 3,270 ft. I.D. 3 1/2 in.  
Chlorides 3,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 46 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 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak blow. Dead in 20 mins. No blow back during shut-in.  
2nd Open: No blow. No blow back during shut-in.

Recovered 5 ft. of oil specked drilling mud = .071150 bbls.

Recovered      ft. of       
Recovered      ft. of       
Recovered      ft. of       
Recovered      ft. of     

Remarks     

|                              |             |                 |      |                         |               |                 |        |                     |            |
|------------------------------|-------------|-----------------|------|-------------------------|---------------|-----------------|--------|---------------------|------------|
| Time Set Packer(s)           | <u>4:20</u> | <del>P.M.</del> | A.M. | Time Started Off Bottom | <u>6:20</u>   | <del>P.M.</del> | A.M.   | Maximum Temperature | <u>98°</u> |
| Initial Hydrostatic Pressure |             |                 | (A)  | <u>1597</u>             |               |                 | P.S.I. |                     |            |
| Initial Flow Period          | Minutes     | <u>30</u>       | (B)  | <u>29</u>               | P.S.I. to (C) | <u>31</u>       | P.S.I. |                     |            |
| Initial Closed In Period     | Minutes     | <u>30</u>       | (D)  | <u>51</u>               |               |                 | P.S.I. |                     |            |
| Final Flow Period            | Minutes     | <u>30</u>       | (E)  | <u>31</u>               | P.S.I. to (F) | <u>33</u>       | P.S.I. |                     |            |
| Final Closed In Period       | Minutes     | <u>30</u>       | (G)  | <u>44</u>               |               |                 | P.S.I. |                     |            |
| Final Hydrostatic Pressure   |             |                 | (H)  | <u>1570</u>             |               |                 | P.S.I. |                     |            |

## GENERAL INFORMATION

### Client Information:

Company: WEBCO OIL

Contact: NICK WEBER

Phone: Fax: e-mail:

### Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

### Well Information:

Name: FELTES 2

Operator: WEBCO OIL

Location-Downhole:

Location-Surface: S14/16S/12W

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D1074

Test Unit:

Start Date: 2011/12/13 Start Time: 02:50:00

End Date: 2011/12/13 End Time: 08:15:00

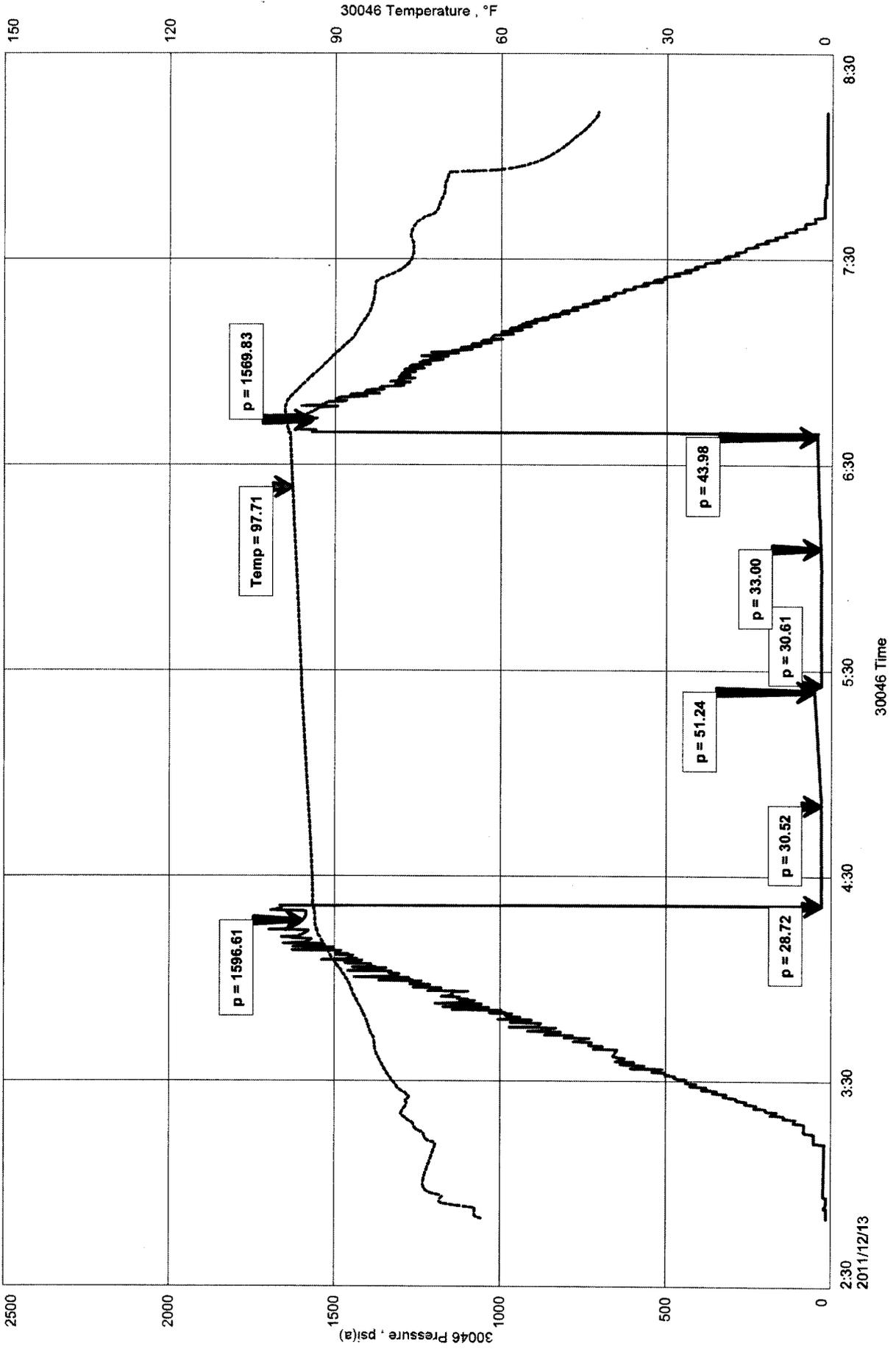
Report Date: 2011/12/13 Prepared By: JOHN RIEDL

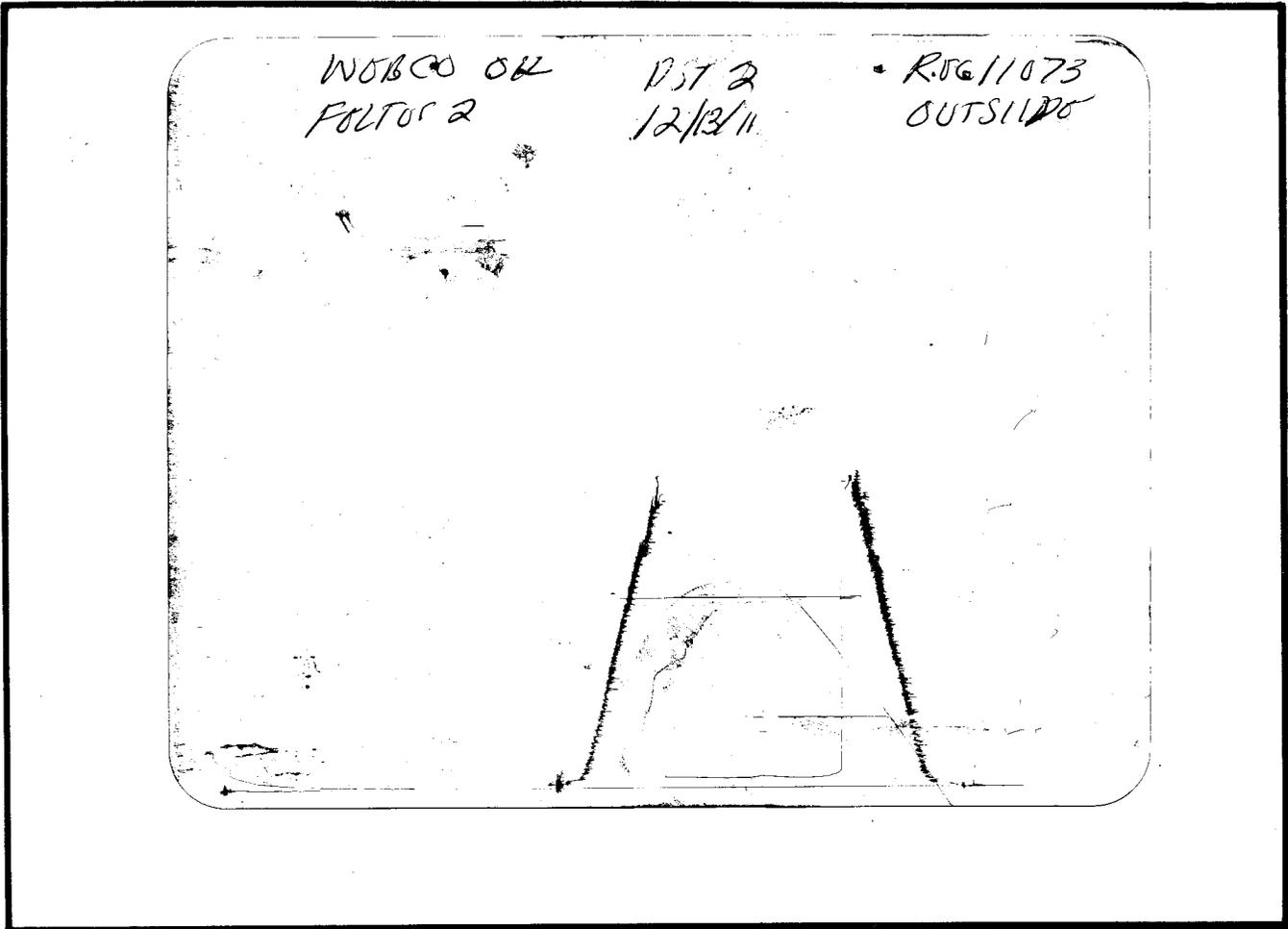
Qualified By: JOSH AUSTIN

### Remarks:

RECOVERY: 5' OIL SPECKED DRILLING MUD

# FELTES 2





This is an actual photograph of recorder chart.

| POINT                                 | PRESSURE      |                      |     |
|---------------------------------------|---------------|----------------------|-----|
|                                       | Field Reading | Elec. Office Reading |     |
| (A) Initial Hydrostatic Mud .....     | 1597          | 1597                 | PSI |
| (B) First Initial Flow Pressure.....  | 29            | 29                   | PSI |
| (C) First Final Flow Pressure .....   | 31            | 31                   | PSI |
| (D) Initial Closed-in Pressure .....  | 51            | 51                   | PSI |
| (E) Second Initial Flow Pressure..... | 31            | 31                   | PSI |
| (F) Second Final Flow Pressure.....   | 33            | 33                   | PSI |
| (G) Final Closed-in Pressure.....     | 44            | 44                   | PSI |
| (H) Final Hydrostatic Mud.....        | 1570          | 1570                 | PSI |

COMPANY: MEDCO OIL COMPANY, INC.  
 LEASE AND WELL NO.:  
 SEC. 14  
 TWP. 30S  
 RGE. 12W  
 ISSI NO.:  
 DATE: 12-13-11



# DIAMOND TESTING

P.O. Box 157  
HOISINGTON, KANSAS 67544  
(620) 653-7550 • (800) 542-7313  
STC 30046.D1075

Company Webco Oil Company, Inc. Lease & Well No. Feltes No. 2

Elevation 1901 GL Formation Arbuckle Effective Pay -- Ft. Ticket No. J2871

Date 12-13-11 Sec. 14 Twp. 16S Range 12W County Barton State Kansas

Test Approved By Josh R. Austin Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 3,290 ft. to 3,346 ft. Total Depth 3,346 ft.

Packer Depth 3,285 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,290 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set          ft.

Top Recorder Depth (Inside) 3,293 ft. Recorder Number 30046 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 3,343 ft. Recorder Number 11073 Cap. 4,000 psi

Below Straddle Recorder Depth          ft. Recorder Number          Cap.          psi

Drilling Contractor Southwind Drilling, Inc. - Rig 6 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 53 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 8.8 cc. Drill Pipe Length 3,270 ft. I.D. 3 1/2 in.

Chlorides 3,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 56 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: Strong blow. Off bottom of bucket in 3 mins. No blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 3 mins. No blow back during shut-in.

Recovered 1,200 ft. of sulfur water = 17.076000 bbls. (Chlorides: 12,000 Ppm)

Recovered          ft. of         

Recovered          ft. of         

Recovered          ft. of         

Recovered          ft. of         

Remarks Light plant went down so left tool on bottom longer on final shut-in until lights were brought back on.

Time Set Packer(s) 2:40 ~~XXX~~ P.M. Time Started Off Bottom 4:25 ~~XXX~~ P.M. Maximum Temperature 110°

Initial Hydrostatic Pressure ..... (A) 1608 P.S.I.

Initial Flow Period ..... Minutes 15 (B) 40 P.S.I. to (C) 321 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 805 P.S.I.

Final Flow Period ..... Minutes 15 (E) 331 P.S.I. to (F) 559 P.S.I.

Final Closed In Period ..... Minutes 45 (G) 804 P.S.I.

Final Hydrostatic Pressure ..... (H) 1558 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: WEBCO OIL

Contact: NICK WEBER

Phone: Fax: e-mail:

### Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

### Well Information:

Name: FELTES 2

Operator: WEBCO OIL

Location-Downhole:

Location-Surface: S14/16S/12W

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL

Job Number: D1075

Test Unit:

Start Date: 2011/12/13

Start Time: 13:30:00

End Date: 2011/12/13

End Time: 19:30:00

Report Date: 2011/12/13

Prepared By: JOHN RIEDL

### Remarks:

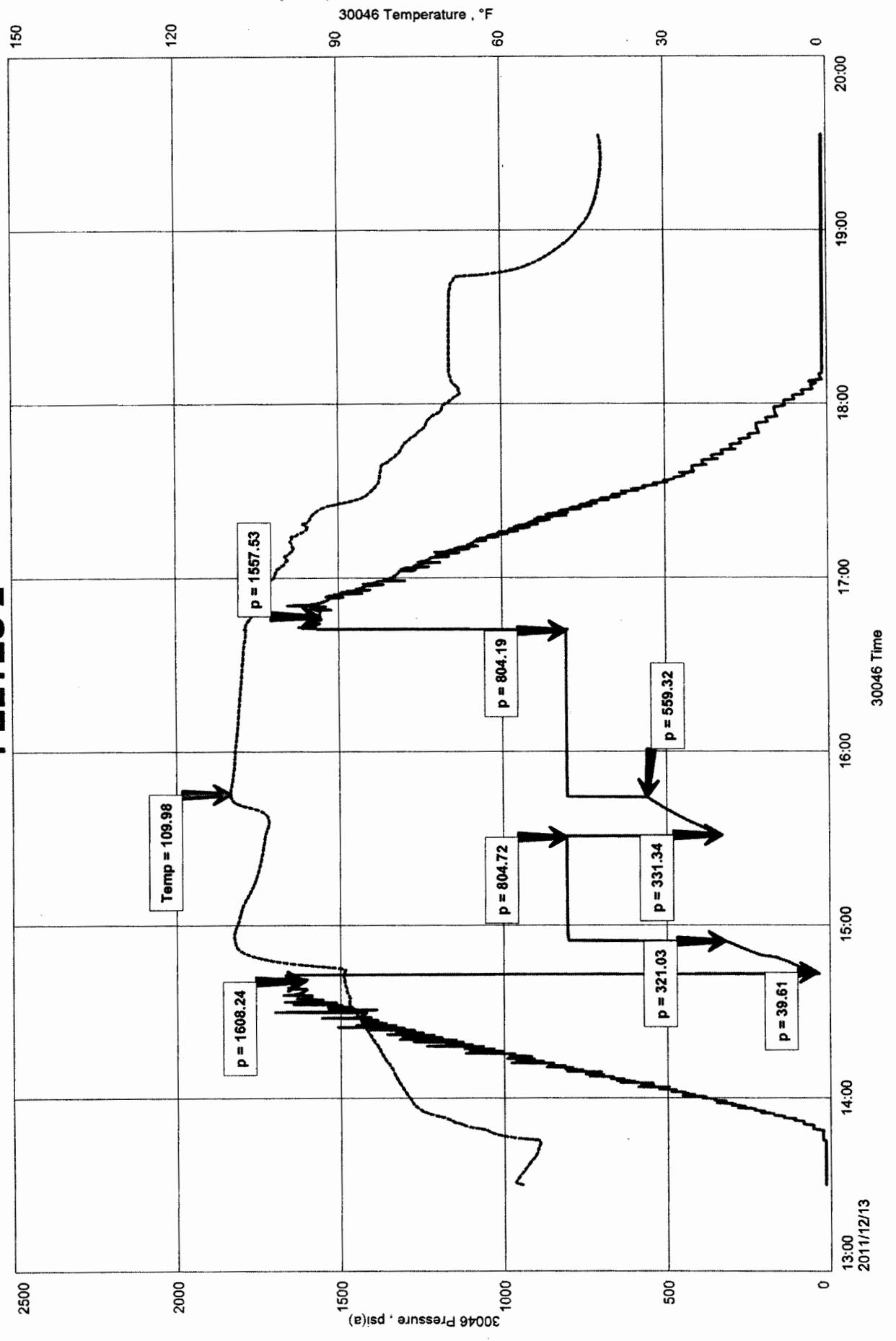
Qualified By: JIM MUSGROVE

RECOVERY: 1200' WATER

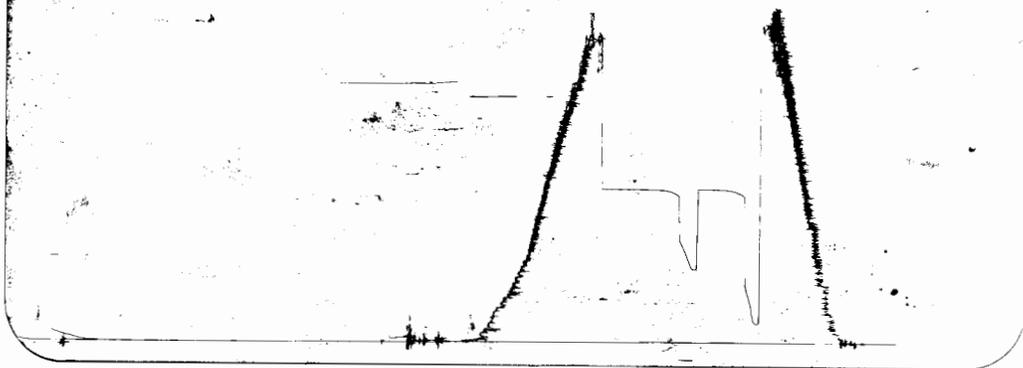
FELTES 2  
Formation: ARBUCKLE  
Job Number: D1075

# FELTES 2

WEBCO OIL  
Start Test Date: 2011/12/13  
Final Test Date: 2011/12/13



NOBEO OIL • DST 3      ROC 71073  
 FELTOS 2      12/13/11      OUTSIDE



This is an actual photograph of recorder chart.

| POINT                                 | PRESSURE         |      | Elec.<br>Office<br>Reading | PSI |
|---------------------------------------|------------------|------|----------------------------|-----|
|                                       | Field<br>Reading |      |                            |     |
| (A) Initial Hydrostatic Mud .....     | 1608             | 1608 |                            | PSI |
| (B) First Initial Flow Pressure.....  | 40               | 40   |                            | PSI |
| (C) First Final Flow Pressure .....   | 321              | 321  |                            | PSI |
| (D) Initial Closed-in Pressure .....  | 805              | 805  |                            | PSI |
| (E) Second Initial Flow Pressure..... | 331              | 331  |                            | PSI |
| (F) Second Final Flow Pressure.....   | 559              | 559  |                            | PSI |
| (G) Final Closed-in Pressure.....     | 804              | 804  |                            | PSI |
| (H) Final Hydrostatic Mud.....        | 1558             | 1558 |                            | PSI |