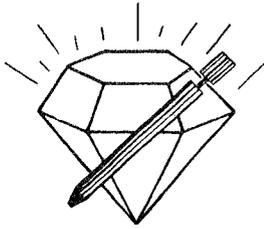


15-009-25203

24-16s-13w



### DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

Company Reif Oil & Gas Co., LLC Lease & Well No. Clarence No. 2

Elevation 1948 KB Formation Topeka Effective Pay -- Ft. Ticket No. C51

Date 5-16-08 Sec. 24 Twp. 16S Range 13W County Barton State Kansas

Test Approved By Tony Vail Diamond Representative Chris Redetzke

Formation Test No. 1 Interval Tested from 2,980 ft. to 3,040 ft. Total Depth 3,040 ft.

Packer Depth 2,975 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 2,980 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 2,983 ft. Recorder Number 30035 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,037 ft. Recorder Number 13387 Cap. 4,000 psi

Below Straddle Recorder Depth      ft. Recorder Number      Cap.     psi

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

Mud Type Chemical Viscosity 40 Weight Pipe Length -- ft. I.D. -- in.

Weight 8.6 Water Loss 10.2 cc. Drill Pipe Length 2,960 ft. I.D. 3 1/2 in.

Chlorides 3,100 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 60 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: Fair, 1/2 in., blow increasing. Off bottom of bucket in 19 mins. No blow back during shut-in.

2nd Open: Fair, 1/2 in., blow increasing. Off bottom of bucket in 18 mins. No blow back during shut-in.

Recovered 15 ft. of very slightly watery mud = .193200 bbls. (Grind out: 1%-water; 99%-mud)

Recovered 186 ft. of muddy water = 2.395680 bbls. (Grind out: 30%-mud; 70%-water)

Recovered 186 ft. of muddy water = 2.395680 bbls. (Grind out: 20%-mud; 80%-water) Chlorides: 60,000 Ppm

Recovered 387 ft. of TOTAL FLUID = 4.984560 bbls.

Recovered      ft. of     

Remarks Tool Sample Grind Out: 100%-water with oil specks

Time Set Packer(s) 7:57 ~~P.M.~~ <sup>A.M.</sup> Time Started Off Bottom 10:27 ~~P.M.~~ <sup>A.M.</sup> Maximum Temperature 108°

Initial Hydrostatic Pressure ..... (A) 1438 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 28 P.S.I. to (C) 114 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 762 P.S.I.

Final Flow Period ..... Minutes 45 (E) 118 P.S.I. to (F) 208 P.S.I.

Final Closed In Period ..... Minutes 45 (G) 713 P.S.I.

Final Hydrostatic Pressure ..... (H) 1436 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: REIF OIL & GAS CO.

Contact: DON REIF

Phone: Fax: e-mail:

### Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

### Well Information:

Name: CLARENCE #2

Operator: REIF OIL & GAS CO.

Location-Downhole: DST #1 TOPEKA 2,980 - 3,040

Location-Surface: sec 24-16S-13W BARTON COUNTY

### Test Information:

Company: DIAMOND TESTING

Representative: CHRIS

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL Job Number:

Test Unit: NO. 1

Start Date: 2008/05/16 Start Time: 06:20:00

End Date: 2008/05/16 End Time: 12:11:00

Report Date: Prepared By:

Remarks: Qualified By:

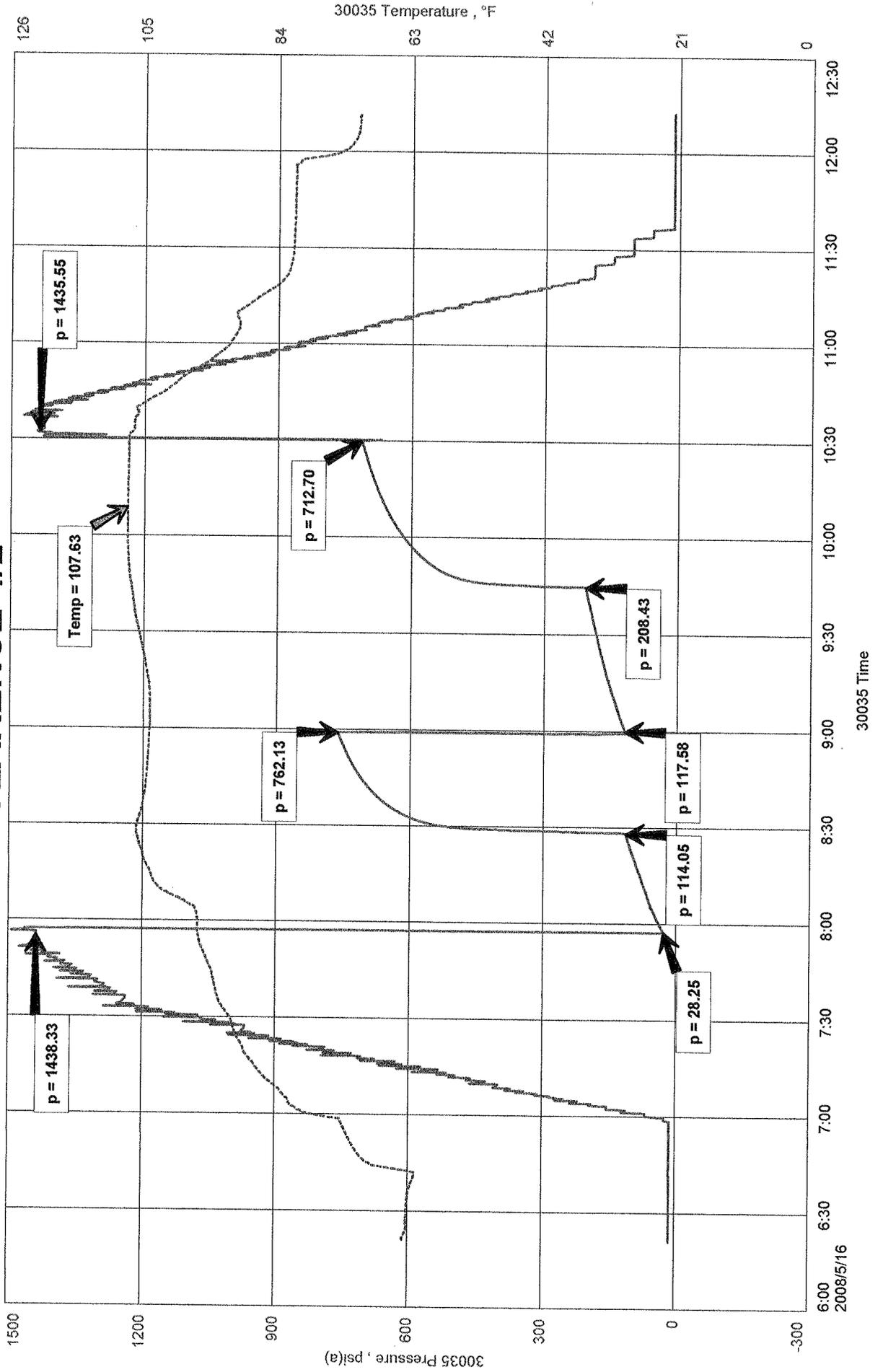
RECOVERED: 15' V.S.W.M. 1% WTR, 99% MUD  
186' M.W. 30% MUD, 70% WTR  
186' M.W. 20% MUD, 80% WTR CHLORIDES: 60,000 ppm  
387' TOTAL FLUID

TOOL SAMPLE: 100% WTR WITH OIL SPECS

REIF OIL & GAS CO.  
DST #1 TOPEKA 2,980 - 3,040  
Start Test Date: 2008/05/16  
Final Test Date: 2008/05/16

CLARENCE #2  
Formation: DST #1 TOPEKA 2,980 - 3,040  
Pool: WILDCAT

# CLARENCE #2



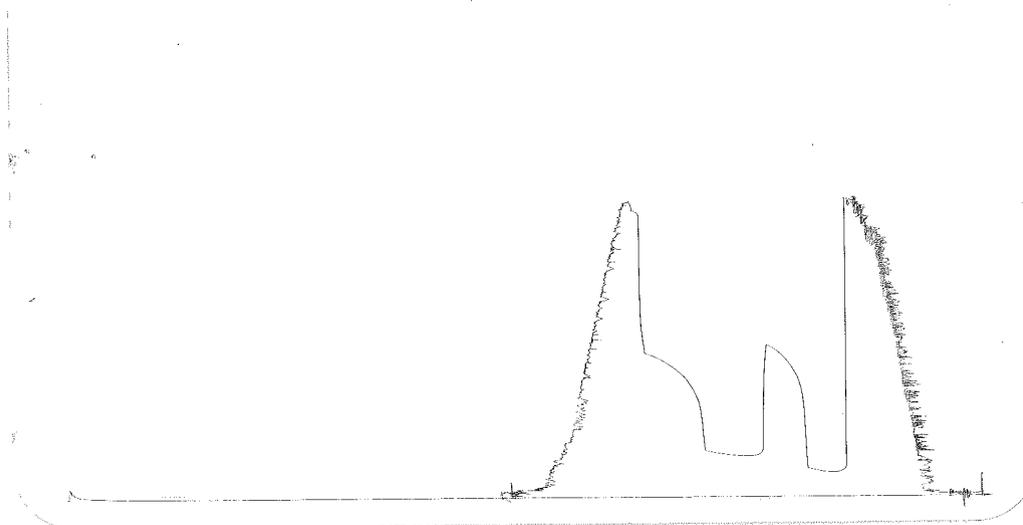
DST # 1

outside 13387

2980-3040

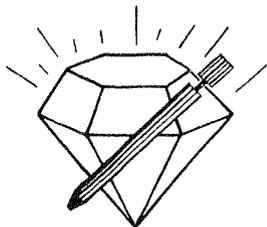
Topeka

loc. 3037



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading	Office Reading		
(A) Initial Hydrostatic Mud .....	1438	1438		PSI
(B) First Initial Flow Pressure.....	28	28		PSI
(C) First Final Flow Pressure .....	114	114		PSI
(D) Initial Closed-in Pressure .....	762	762		PSI
(E) Second Initial Flow Pressure.....	118	118		PSI
(F) Second Final Flow Pressure.....	208	208		PSI
(G) Final Closed-in Pressure.....	713	713		PSI
(H) Final Hydrostatic Mud.....	1436	1436		PSI



# DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

Company Reif Oil & Gas Co., LLC Lease & Well No. Clarence No. 2

Elevation 1948 KB Formation Lansing/Kansas City "A"-"C" Effective Pay -- Ft. Ticket No. C52

Date 5-17-08 Sec. 24 Twp. 16S Range 13W County Barton State Kansas

Test Approved By Donald J. Reif Diamond Representative Chris Redetzke

Formation Test No. 2 Interval Tested from 3,160 ft. to 3,237 ft. Total Depth 3,237 ft.

Packer Depth 3,155 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,160 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set          ft.

Top Recorder Depth (Inside) 3,163 ft. Recorder Number 30035 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,234 ft. Recorder Number 13387 Cap. 4,000 psi

Below Straddle Recorder Depth          ft. Recorder Number          Cap.          psi

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

Mud Type Chemical Viscosity 42 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 10.4 cc. Drill Pipe Length 3,140 ft. I.D. 3 1/2 in.

Chlorides 5,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 77 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, surface blow. Died in 20 mins. No blow back during shut-in.

2nd Open: Very weak, surface blow. Died in 15 mins. No blow back during shut-in.

Recovered 10 ft. of mud with a few oil specks = .128800 bbls.

Recovered          ft. of         

Recovered          ft. of         

Recovered          ft. of         

Recovered          ft. of         

Remarks Tool Sample Grind Out: Mud with a few oil specks

Time Set Packer(s) 2:03 ~~P.M.~~ <sup>A.M.</sup> Time Started Off Bottom 4:03 ~~P.M.~~ <sup>A.M.</sup> Maximum Temperature 102°

Initial Hydrostatic Pressure ..... (A) 1530 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 26 P.S.I. to (C) 31 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 463 P.S.I.

Final Flow Period ..... Minutes 30 (E) 29 P.S.I. to (F) 31 P.S.I.

Final Closed In Period ..... Minutes 30 (G) 102 P.S.I.

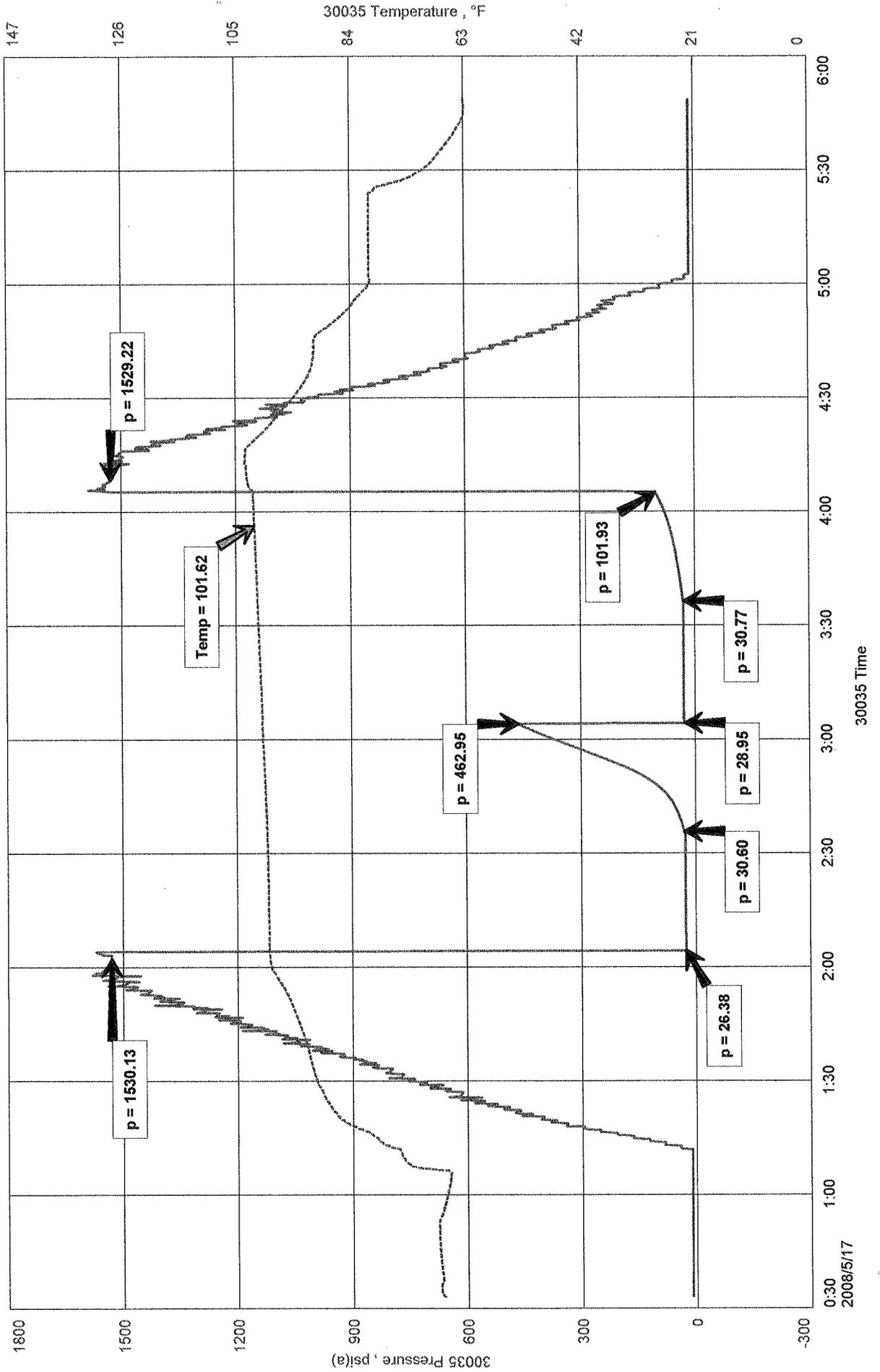
Final Hydrostatic Pressure ..... (H) 1529 P.S.I.



CLARENCE #2  
 Formation: DST #2 L/KC A,B,C 3,160 - 3,237  
 Pool: WILDCAT

REIF OIL & GAS CO.  
 DST #2 L/KC A,B,C 3,160 - 3,237  
 Start Test Date: 2008/05/17  
 Final Test Date: 2008/05/17

# CLARENCE #2



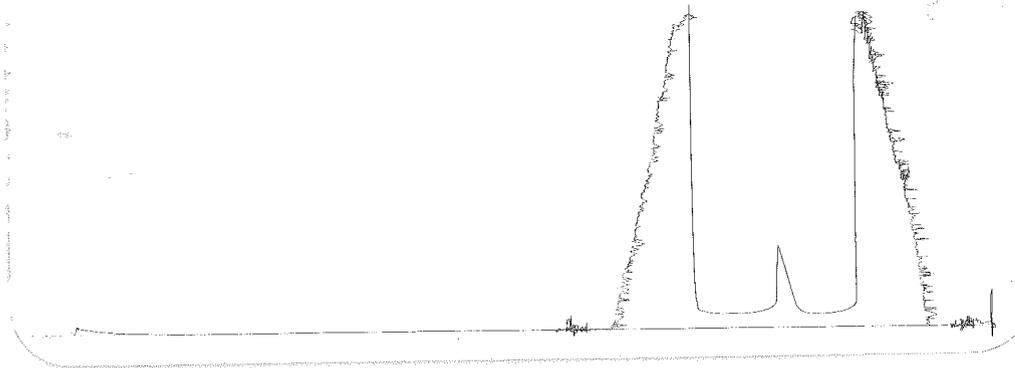
DST #2

Outside 13387

3160-3232

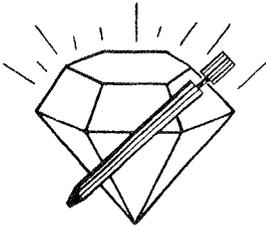
L/KC A, B, C

Loc. 3234



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud .....	1530	1530	PSI
(B) First Initial Flow Pressure.....	26	26	PSI
(C) First Final Flow Pressure .....	31	31	PSI
(D) Initial Closed-in Pressure .....	463	463	PSI
(E) Second Initial Flow Pressure.....	29	29	PSI
(F) Second Final Flow Pressure.....	31	31	PSI
(G) Final Closed-in Pressure.....	102	102	PSI
(H) Final Hydrostatic Mud.....	1529	1529	PSI



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

Company Reif Oil & Gas Co., LLC Lease & Well No. Clarence No. 2  
Elevation 1948 KB Formation Arbuckle Effective Pay      -- Ft. Ticket No. C53  
Date 5-17-08 Sec. 24 Twp. 16S Range 13W County Barton State Kansas  
Test Approved By Donald J. Reif Diamond Representative Chris Redetzke

Formation Test No. 3 Interval Tested from 3,381 ft. to 3,425 ft. Total Depth 3,425 ft.  
Packer Depth 3,376 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.  
Packer Depth 3,381 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.  
Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 3,384 ft. Recorder Number 30035 Cap. 5,000 psi  
Bottom Recorder Depth (Outside) 3,422 ft. Recorder Number 13387 Cap. 4,000 psi  
Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor Royal Drilling, Inc. - Rig 2 Drill Collar Length      -- ft. I.D.      -- in.  
Mud Type Chemical Viscosity 44 Weight Pipe Length      -- ft. I.D.      -- in.  
Weight 9.0 Water Loss 12.8 cc. Drill Pipe Length 3,361 ft. I.D. 3 1/2 in.  
Chlorides 7,900 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 44 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, 1/2 in., blow increasing to 3 ins. No blow back during shut-in.  
2nd Open: Weak, surface blow increasing to 2 ins. No blow back during shut-in.

Recovered 71 ft. of gas in pipe  
Recovered 20 ft. of free oil = .257600 bbls. (Gravity: 38.8 @ 60°)  
Recovered 30 ft. of oil cut mud = .386400 bbls. (Grind out: 20%-oil; 80%-mud)  
Recovered 50 ft. of TOTAL FLUID = .644000 bbls.  
Recovered      ft. of       
Remarks Tool Sample Grind Out: 45%-oil; 55%-mud

Time Set Packer(s) 1:21 ~~P.M.~~ <sup>A.M.</sup> Time Started Off Bottom 4:51 ~~P.M.~~ <sup>A.M.</sup> Maximum Temperature 108°  
Initial Hydrostatic Pressure ..... (A) 1660 P.S.I.  
Initial Flow Period ..... Minutes 45 (B) 25 P.S.I. to (C) 38 P.S.I.  
Initial Closed In Period ..... Minutes 45 (D) 919 P.S.I.  
Final Flow Period ..... Minutes 60 (E) 32 P.S.I. to (F) 47 P.S.I.  
Final Closed In Period ..... Minutes 60 (G) 888 P.S.I.  
Final Hydrostatic Pressure ..... (H) 1660 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: REIF OIL & GAS CO.

Contact: DON REIF

Phone: Fax: e-mail:

### Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

### Well Information:

Name: CLARENCE #2

Operator: REIF OIL & GAS CO.

Location-Downhole: DST #3 ARBUCKLE 3,381 - 3,425

Location-Surface: sec 24-16S-13W BARTON COUNTY

### Test Information:

Company: DIAMOND TESTING

Representative: CHRIS

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL

Job Number:

Test Unit: NO. 1

Start Date: 2008/05/17

Start Time: 23:39:00

End Date: 2008/05/18

End Time: 06:47:00

Report Date:

Prepared By:

### Remarks:

Qualified By:

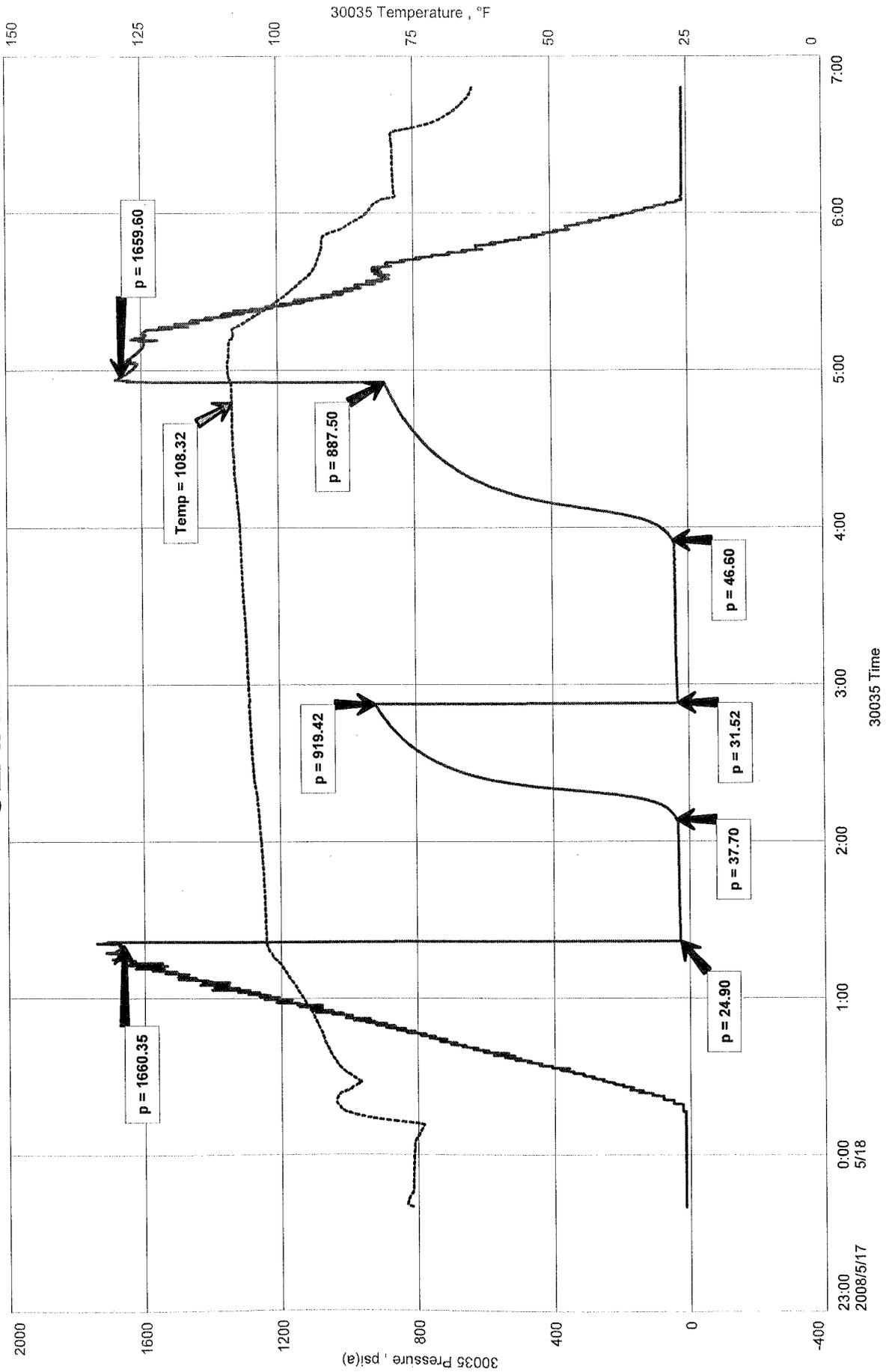
RECOVERED: 71' G.I.P.  
20' FREE OIL GRAVITY: 38.8 @ 60 deg. F.  
30' O.C.M. 20% OIL, 80% MUD  
50' TOTAL FLUID

TOOL SAMPLE: 45% OIL, 55% MUD

REIF OIL & GAS CO.  
DST #3 ARBUCKLE 3,381 - 3,425  
Start Test Date: 2008/05/17  
Final Test Date: 2008/05/18

CLARENCE #2  
Formation: DST #3 ARBUCKLE 3,381 - 3,425  
Pool: WILDCAT

# CLARENCE #2



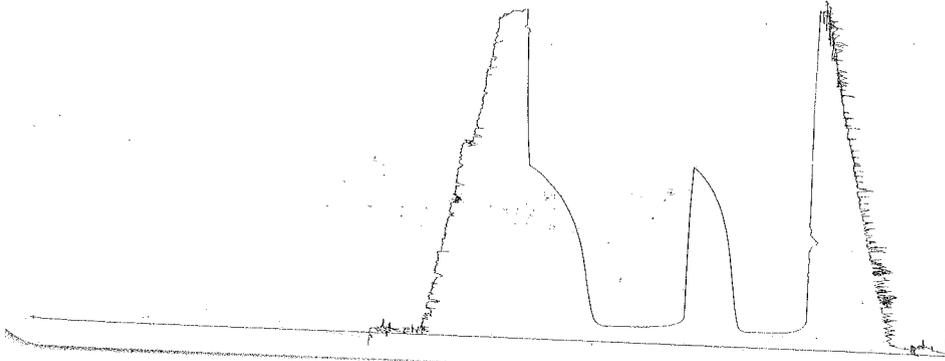
DBT# 3

outside 13387

3381-3425

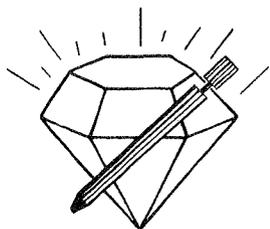
Anbackle

Loc. 3422



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading	Office Reading		
(A) Initial Hydrostatic Mud .....	1660	1660		PSI
(B) First Initial Flow Pressure.....	25	25		PSI
(C) First Final Flow Pressure .....	38	38		PSI
(D) Initial Closed-in Pressure .....	919	919		PSI
(E) Second Initial Flow Pressure .....	32	32		PSI
(F) Second Final Flow Pressure.....	47	47		PSI
(G) Final Closed-in Pressure.....	888	888		PSI
(H) Final Hydrostatic Mud .....	1660	1660		PSI



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

Company Reif Oil & Gas Co., LLC Lease & Well No. Clarence No. 2  
Elevation 1948 KB Formation Arbuckle Effective Pay      -- Ft. Ticket No. C54  
Date 5-18-08 Sec. 24 Twp. 16S Range 13W County Barton State Kansas  
Test Approved By Donald J. Reif Diamond Representative Chris Redetzke

Formation Test No. 4 Interval Tested from 3,381 ft. to 3,430 ft. Total Depth 3,430 ft.  
Packer Depth 3,376 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.  
Packer Depth 3,381 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.  
Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 3,384 ft. Recorder Number 30035 Cap. 5,000 psi  
Bottom Recorder Depth (Outside) 3,427 ft. Recorder Number 13387 Cap. 4,000 psi  
Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor Royal Drilling, Inc. - Rig 2 Drill Collar Length      -- ft. I.D.      -- in.  
Mud Type Chemical Viscosity 44 Weight Pipe Length      -- ft. I.D.      -- in.  
Weight 9.2 Water Loss 10.4 cc. Drill Pipe Length 3,361 ft. I.D. 3 1/2 in.  
Chlorides 8,200 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 49 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, 1/2 in., blow increasing to 4 1/2 ins. No blow back during shut-in.  
2nd Open: Weak, surface blow increasing to 4 ins. Weak surface blow back during shut-in.

Recovered 62 ft. of gas in pipe  
Recovered 20 ft. of free oil = .257600 bbls. (Gravity: 38.4 @ 60°)  
Recovered 10 ft. of heavy oil cut mud = .128800 bbls. (Grind out: 60%-oil; 40%-mud)  
Recovered 30 ft. of slightly oil cut gassy mud = .386400 bbls. (Grind out: 10%-oil; 15%-gas; 75%-mud)  
Recovered 60 ft. of TOTAL FLUID = .772800 bbls.  
Remarks Tool Sample Grind Out: 40%-oil; 60%-mud

Time Set Packer(s) 1:08 <sup>XXM.</sup> P.M. Time Started Off Bottom 4:38 <sup>XXM.</sup> P.M. Maximum Temperature 104°  
Initial Hydrostatic Pressure ..... (A) 1651 P.S.I.  
Initial Flow Period ..... Minutes 45 (B) 27 P.S.I. to (C) 38 P.S.I.  
Initial Closed In Period ..... Minutes 45 (D) 969 P.S.I.  
Final Flow Period ..... Minutes 60 (E) 40 P.S.I. to (F) 52 P.S.I.  
Final Closed In Period ..... Minutes 60 (G) 935 P.S.I.  
Final Hydrostatic Pressure ..... (H) 1652 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: REIF OIL & GAS CO.

Contact: DON REIF

Phone: Fax: e-mail:

### Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

### Well Information:

Name: CLARENCE #2

Operator: REIF OIL & GAS

Location-Downhole: DST #4 ARBUCKLE 3,381 - 3,430

Location-Surface: sec 24-16S-13W BARTON COUNTY

### Test Information:

Company: DIAMOND TESTING

Representative: CHRIS

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL Job Number:

Test Unit: NO. 1

Start Date: 2008/05/18 Start Time: 11:38:00

End Date: 2008/05/18 End Time: 18:32:00

Report Date: Prepared By:

Remarks: Qualified By:

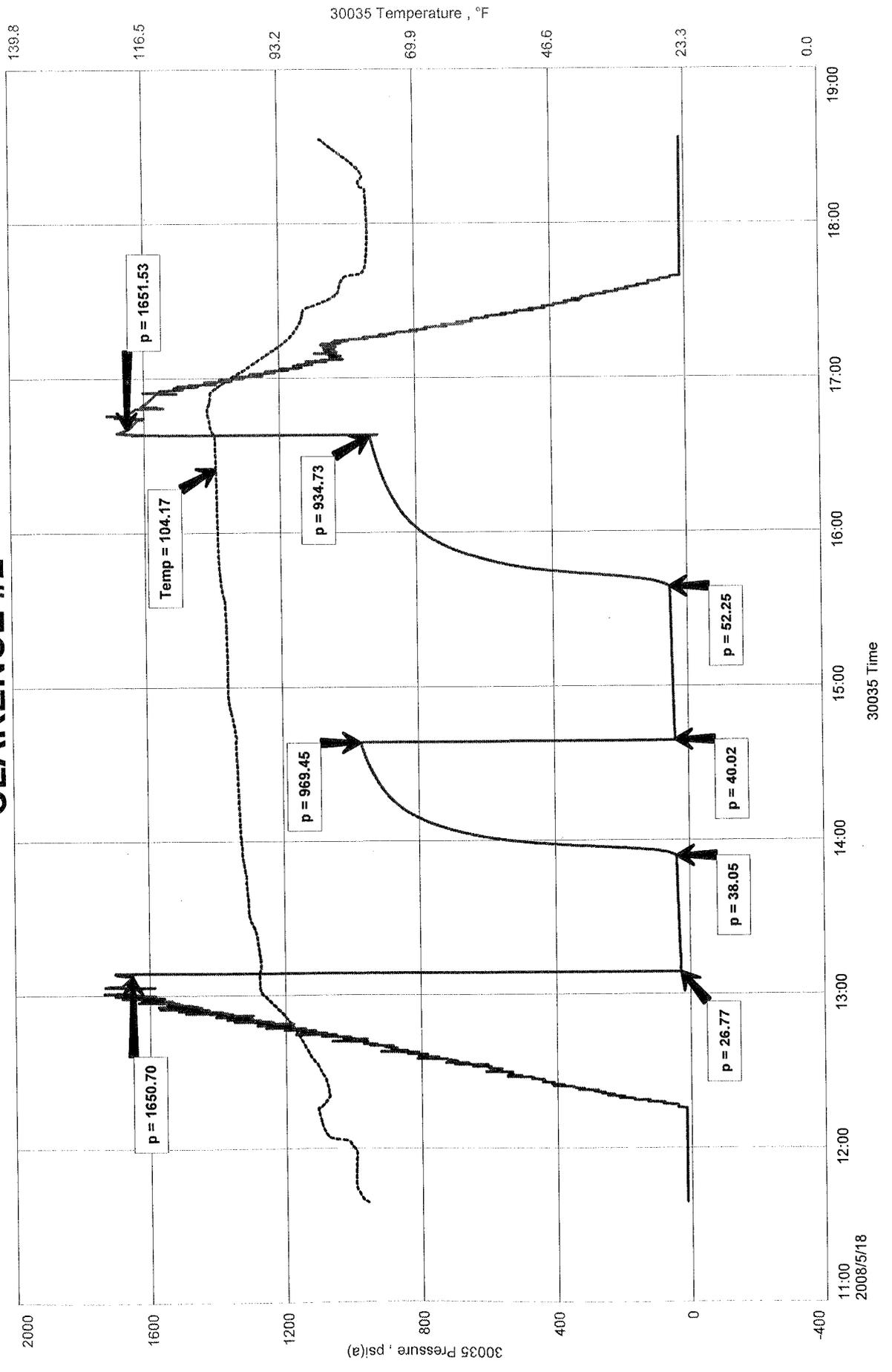
RECOVERED: 62' G.I.P.  
20' FREE OIL GRAVITY: 38.4 @ 60 deg. F.  
10' H.O.C.M. 40% MUD, 60% OIL  
30' S.O.C.G.M. 10% OIL, 15% GAS, 75% MUD  
60' TOTAL FLUID

TOOL SAMPLE: 40% OIL, 60% MUD

CLARENCE #2  
Formation: DST #4 ARBUCKLE 3,381 - 3,430  
Pool: WILDCAT

REIF OIL & GAS CO.  
DST #4 ARBUCKLE 3,381 - 3,430  
Start Test Date: 2008/05/18  
Final Test Date: 2008/05/18

# CLARENCE #2



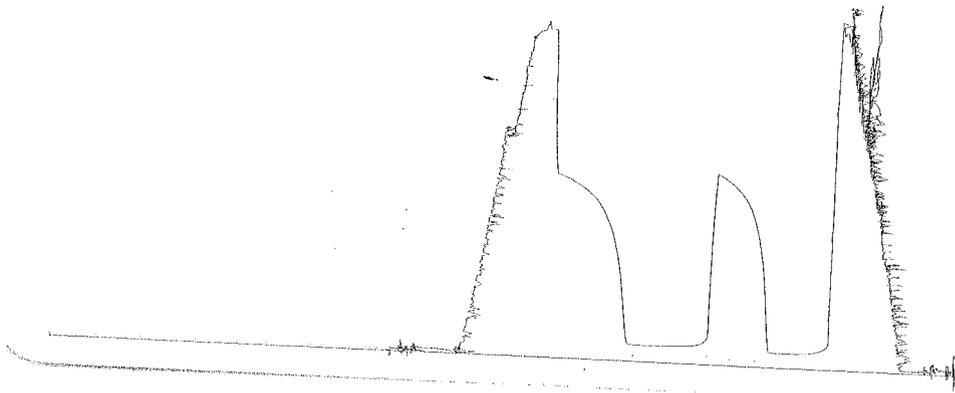
DST #4

Outside 13387

3381-3430

Arbuckle

Loc. 3427



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud .....	1651	1651	PSI
(B) First Initial Flow Pressure .....	27	27	PSI
(C) First Final Flow Pressure .....	38	38	PSI
(D) Initial Closed-in Pressure .....	969	969	PSI
(E) Second Initial Flow Pressure .....	40	40	PSI
(F) Second Final Flow Pressure .....	52	52	PSI
(G) Final Closed-in Pressure .....	935	935	PSI
(H) Final Hydrostatic Mud .....	1652	1652	PSI