

15-185-23574

19-25s-1lw

**DIAMOND TESTING**  
P.O. Box 157  
HOISINGTON, KANSAS 67544  
(620) 653-7550 • (800) 542-7313  
STC 30036.D571

Company Reif Oil & Gas Co., LLC Lease & Well No. Debes No. 1  
Elevation 1841 KB Formation Lansing "B" - "F" Effective Pay      -- Ft. Ticket No. J2368  
Date 5-24-09 Sec. 19 Twp. 25S Range 11W County Stafford State Kansas  
Test Approved By Josh Austin Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,580 ft. to 3,656 ft. Total Depth 3,656 ft.  
Packer Depth 3,075 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.  
Packer Depth 3,580 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.  
Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 3,583 ft. Recorder Number 30036 Cap. 5,000 psi  
Bottom Recorder Depth (Outside) 3,653 ft. Recorder Number 11017 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 46 Weight Pipe Length      -- ft. I.D.      -- in.  
Weight 8.8 Water Loss 8.8 cc. Drill Pipe Length 3,558 ft. I.D. 3 1/2 in.  
Chlorides 2,500 P.P.M. Test Tool Length 22 ft. Tool Size 3 1/2 - IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 76 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 12 mins. No blow back during shut-in.  
2nd Open: Strong blow. Off bottom of bucket in 15 mins. No blow back during shut-in.

Recovered 400 ft. of gas in pipe  
Recovered 90 ft. of gas & oil cut watery mud = 1.280700 bbls. (Grind out: 10%-gas; 8%-oil; 15%-water; 67%-mud)  
Recovered 90 ft. of TOTAL FLUID = 1.280700 bbls. Chlorides: 15,000 Ppm  
Recovered      ft. of       
Recovered      ft. of     

Remarks     

Time Set Packer(s) 3:45 A.M. Time Started Off Bottom 6:45 A.M. Maximum Temperature 113°  
P.M.  
Initial Hydrostatic Pressure      (A) 1668 P.S.I.  
Initial Flow Period      Minutes 30 (B) 22 P.S.I. to (C) 45 P.S.I.  
Initial Closed In Period      Minutes 45 (D) 1032 P.S.I.  
Final Flow Period      Minutes 45 (E) 41 P.S.I. to (F) 59 P.S.I.  
Final Closed In Period      Minutes 60 (G) 1012 P.S.I.  
Final Hydrostatic Pressure      (H) 1652 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: REIF OIL+GAS LLC

Contact: DON REIF

Phone: Fax: e-mail:

### Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

### Well Information:

Name: DEBES #1

Operator: REIF OIL+GAS CO. LLC

Location-Downhole: DST#1 3580 TO 3656

Location-Surface: S19/ 25S/ 11W STAFFORD COUNTY

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL

Job Number:

Test Unit: 2

Start Date: 2009/05/24

Start Time: 02:15:00

End Date: 2009/05/24

End Time: 08:30:00

Report Date: 2009/05/24

Prepared By: JOHN RIEDL

### Remarks:

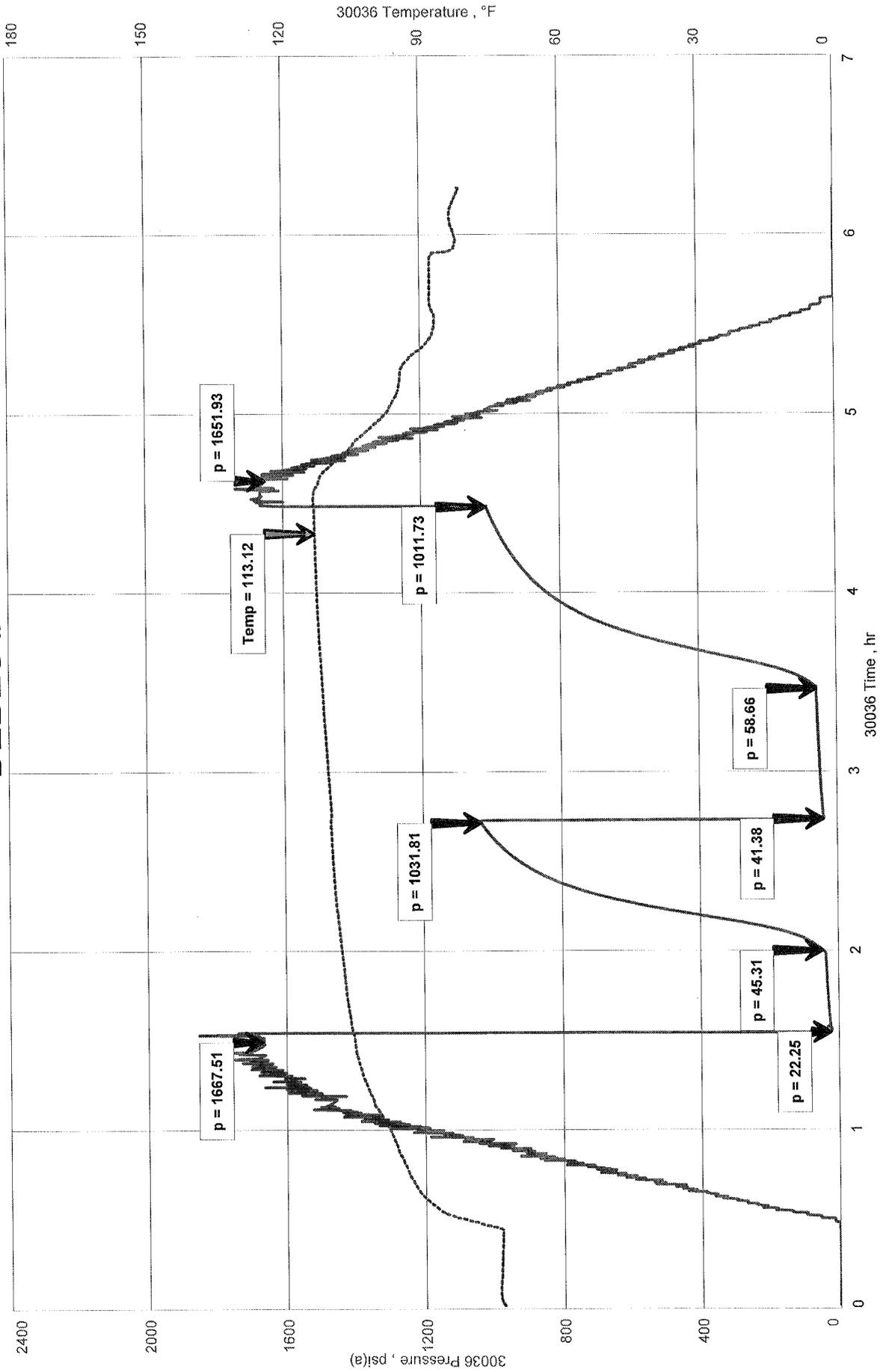
Qualified By: JOSH AUSTIN

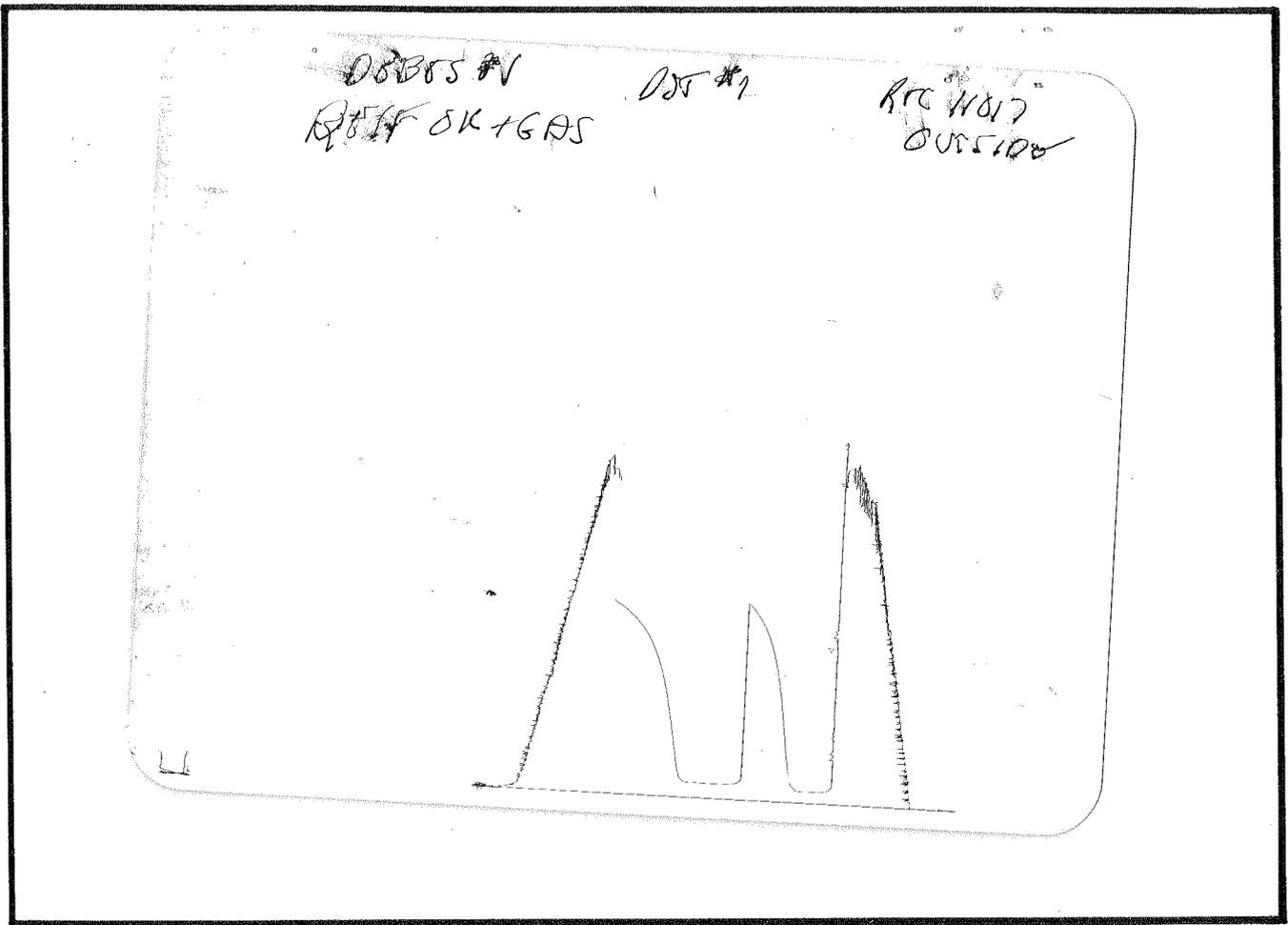
RECOVERY: 400' GAS IN PIPE  
90' GAS+OIL CUT WATERY MUD

DEBES #1  
Formation: LANSING "B/F"

REIF OIL+GAS LLC  
DST#1 3580 TO 3656  
Start Test Date: 2009/05/24  
Final Test Date: 2009/05/24

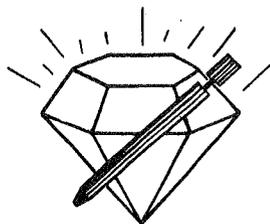
# DEBES #1





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading	Office Reading		
(A) Initial Hydrostatic Mud	1668	1668		PSI
(B) First Initial Flow Pressure	22	22		PSI
(C) First Final Flow Pressure	45	45		PSI
(D) Initial Closed-in Pressure	1032	1032		PSI
(E) Second Initial Flow Pressure	41	41		PSI
(F) Second Final Flow Pressure	59	59		PSI
(G) Final Closed-in Pressure	1012	1012		PSI
(H) Final Hydrostatic Mud	1652	1652		PSI



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC 30036.D572

Company Reif Oil & Gas Co., LLC Lease & Well No. Debes No. 1  
Elevation 1841 KB Formation Mississippi Effective Pay      Ft. Ticket No. J2369  
Date 5-24-09 Sec. 19 Twp. 25S Range 11W County Stafford State Kansas  
Test Approved By Josh Austin Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,945 ft. to 3,960 ft. Total Depth 3,960 ft.  
Packer Depth 3,940 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Packer Depth 3,945 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 3,948 ft. Recorder Number 30036 Cap. 5,000 psi  
Bottom Recorder Depth (Outside) 3,957 ft. Recorder Number 11017 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 53 Weight Pipe Length      ft. I.D.      in.  
Weight 9.0 Water Loss 8.8 cc. Drill Pipe Length 3,919 ft. I.D. 3 1/2 in.  
Chlorides 7,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.  
Jars: Make Sterling Serial Number 2 Anchor Length 15 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 26 mins. No blow back during shut-in.  
2nd Open: Strong blow. Off bottom of bucket in 16 mins. No blow back during shut-in.

Recovered 350 ft. of gas in pipe  
Recovered 20 ft. of gas cut mud = .284600 bbls. (Grind out: 15%-gas; 85%-mud)  
Recovered 20 ft. of TOTAL FLUID = .284600 bbls.  
Recovered      ft. of       
Recovered      ft. of       
Remarks     

Time Set Packer(s) 1:05 A.M. Time Started Off Bottom 4:05 P.M. Maximum Temperature 118°  
Initial Hydrostatic Pressure ..... (A) 1856 P.S.I.  
Initial Flow Period ..... Minutes 30 (B) 25 P.S.I. to (C) 18 P.S.I.  
Initial Closed In Period ..... Minutes 45 (D) 145 P.S.I.  
Final Flow Period ..... Minutes 45 (E) 16 P.S.I. to (F) 20 P.S.I.  
Final Closed In Period ..... Minutes 60 (G) 199 P.S.I.  
Final Hydrostatic Pressure ..... (H) 1824 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: REIF OIL+GAS CO. LLC

Contact: DON REIF

Phone:

Fax:

e-mail:

### Site Information:

Contact: JOSHUA AUSTIN

Phone:

Fax:

e-mail:

### Well Information:

Name: DEBES #1

Operator: REIF OIL+GAS CO. LLC

Location-Downhole: DST#2 3945 TO 3960

Location-Surface: S19/ 25S/ 11W STAFFORD COUNTY

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSHUA AUSTIN

Test Type: CONVENTIONAL

Job Number: D571

Test Unit: 2

Start Date: 2009/05/25

Start Time: 10:45:00

End Date: 2009/05/25

End Time: 05:45:00

Report Date: 2009/05/25

Prepared By: JOHN RIEDL

### Remarks:

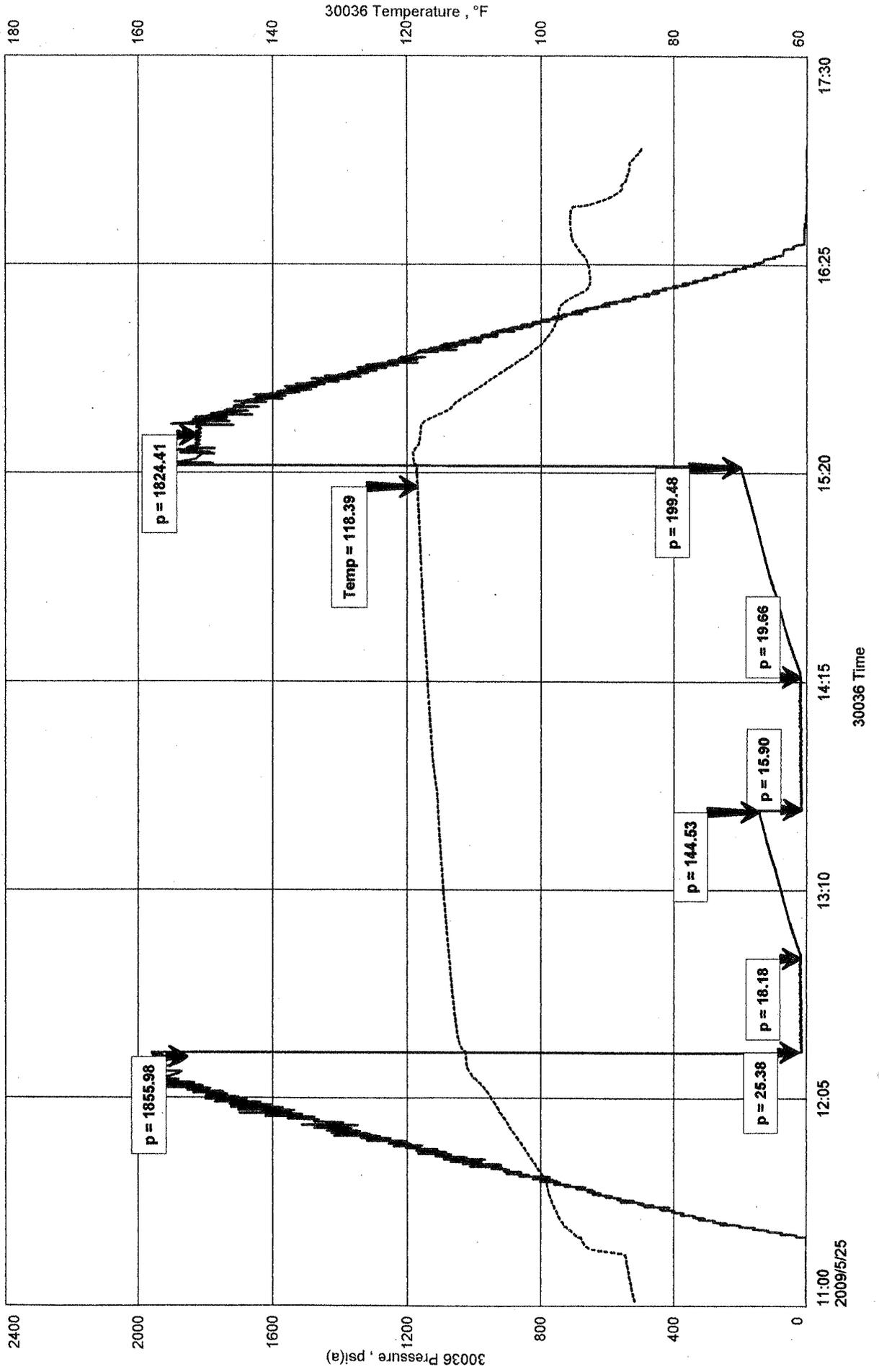
Qualified By: JOSHUA AUSTIN

RECOVERY: 350' GAS IN PIPE  
20' GAS CUT MUD

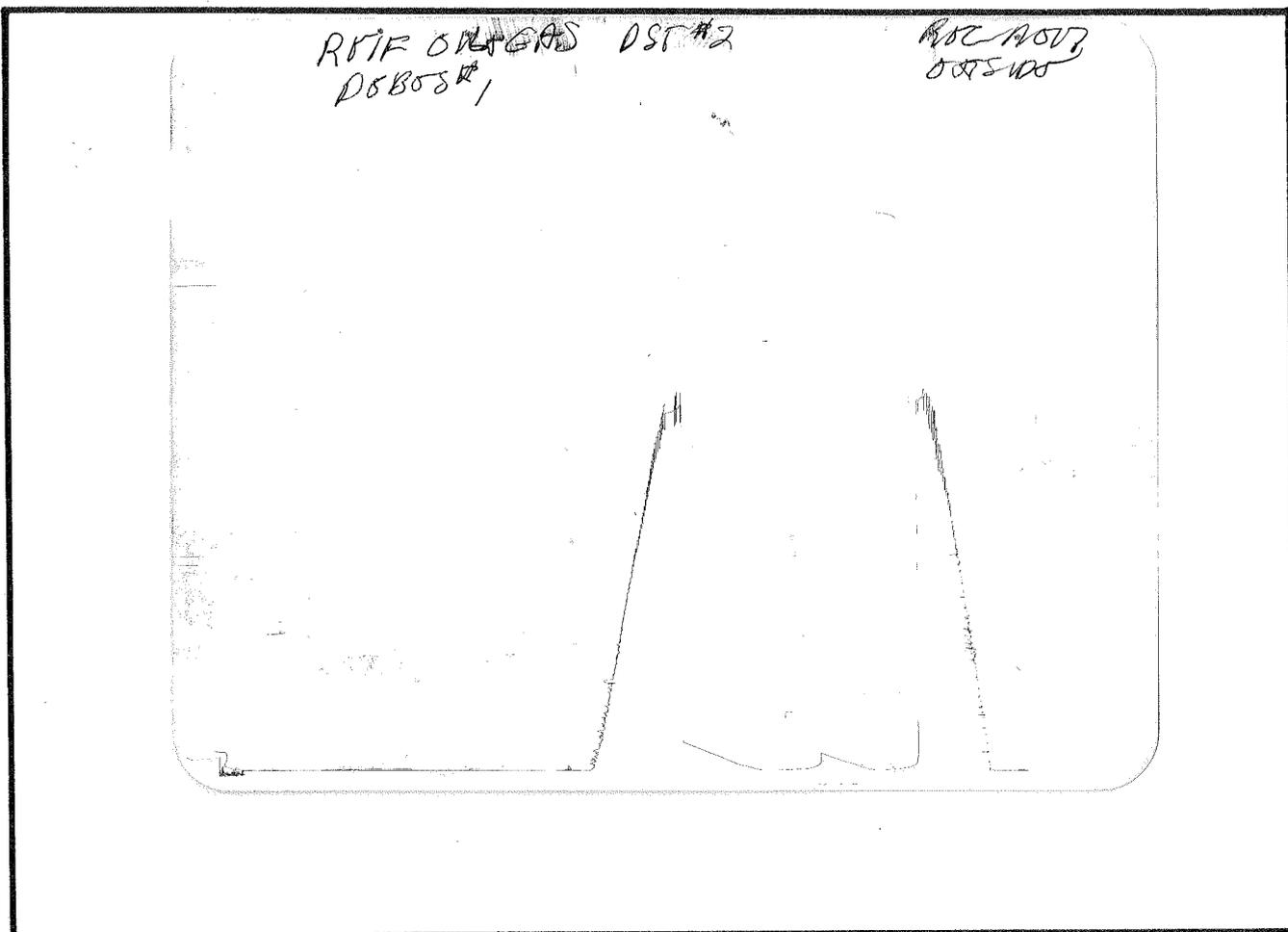
REIF OIL+GAS CO. LLC  
DST#2 3945 TO 3960  
Start Test Date: 2009/05/25  
Final Test Date: 2009/05/25

DEBES #1  
Formation: MISSISSIPPI  
Job Number: D571

# DEBES #1



11:00  
2009/5/25



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading			
(A) Initial Hydrostatic Mud	1856	1856		PSI
(B) First Initial Flow Pressure	25	25		PSI
(C) First Final Flow Pressure	18	18		PSI
(D) Initial Closed-in Pressure	145	145		PSI
(E) Second Initial Flow Pressure	16	16		PSI
(F) Second Final Flow Pressure	20	20		PSI
(G) Final Closed-in Pressure	199	199		PSI
(H) Final Hydrostatic Mud	1824	1824		PSI



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC 30036.D573

Company Reif Oil & Gas Co., LLC Lease & Well No. Debes No. 1  
Elevation 1841 KB Formation Mississippi Effective Pay      Ft. Ticket No. J2370  
Date 5-26-09 Sec. 19 Twp. 25S Range 11W County Stafford State Kansas

Test Approved By Josh Austin Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 3,943 ft. to 3,990 ft. Total Depth 3,990 ft.

Packer Depth 3,938 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.

Packer Depth 3,943 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.

Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 3,946 ft. Recorder Number 30036 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,987 ft. Recorder Number 11017 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 53 Weight Pipe Length      ft. I.D.      in.

Weight 9.0 Water Loss 8.8 cc. Drill Pipe Length 3,917 ft. I.D. 3 1/2 in.

Chlorides 7,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 2 Anchor Length 47 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: N/A Packer Failure  
2nd Open: N/A

Recovered 700 ft. of drilling mud = 9.961000 bbls.

Recovered      ft. of     

Recovered      ft. of     

Recovered      ft. of     

Recovered      ft. of     

Remarks MISRUN!

Time Set Packer(s) 2:30 ~~P.M.~~ <sup>A.M.</sup> Time Started Off Bottom 2:50 ~~P.M.~~ <sup>A.M.</sup> Maximum Temperature 114°

Initial Hydrostatic Pressure ..... (A) 1869 P.S.I.

Initial Flow Period ..... Minutes -- (B) -- P.S.I. to (C) -- P.S.I.

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

Final Flow Period ..... Minutes -- (E) -- P.S.I. to (F) -- P.S.I.

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

Final Hydrostatic Pressure ..... (H) 1838 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: REIF OIL+GAS CO. LLC

Contact: DON REIF

Phone: Fax: e-mail:

### Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

### Well Information:

Name: DEBES #1

Operator: REIF OIL+GAS CO. LLC

Location-Downhole: DST#3 3943 TO 3990

Location-Surface: S19/. 25S/ 11W STAFFORD COUNTY

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL

Job Number: D573

Test Unit: 2

Start Date: 2009/05/26

Start Time: 01:10:00

End Date: 2009/05/26

End Time: 05:10:00

Report Date: 2009/05/26

Prepared By: JOHN RIEDL

### Remarks:

Qualified By: JOSH AUSTIN

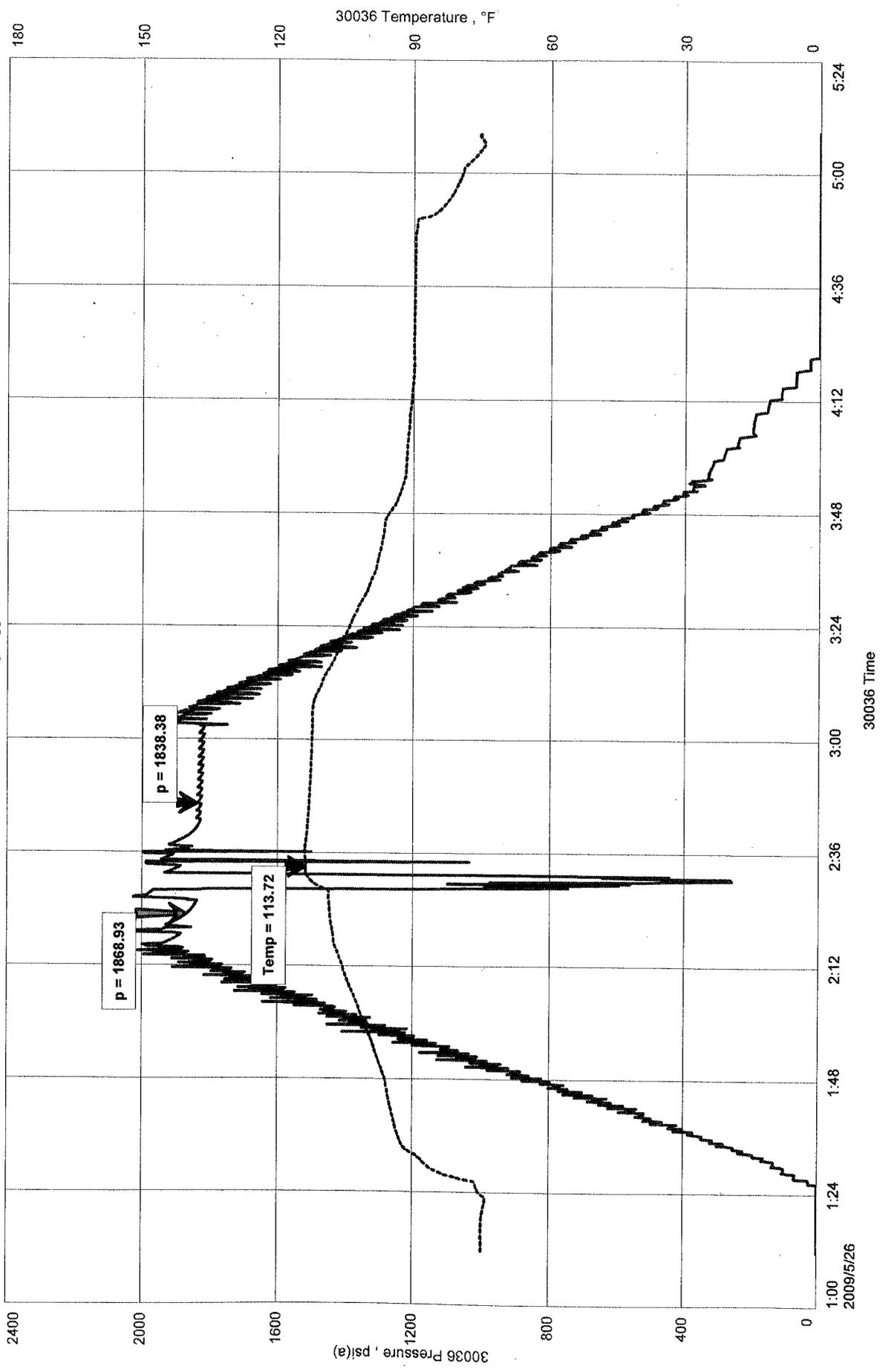
RECOVERY: 700' MUD

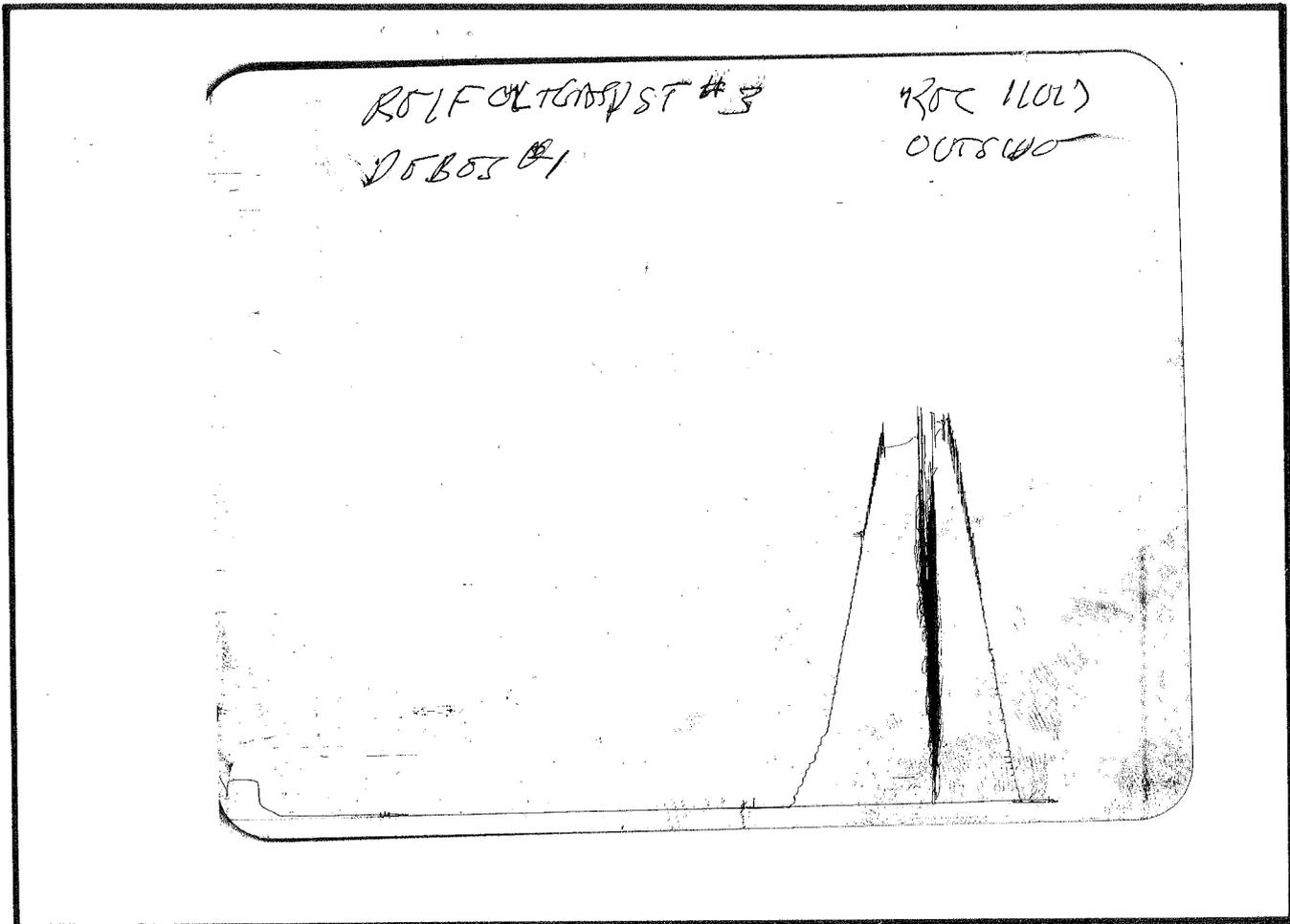
PACKER FAILURE

REIF OIL+GAS CO. LLC  
DST#3 3943 TO 3990  
Start Test Date: 2009/05/26  
Final Test Date: 2009/05/26

DEBES #1  
Formation: MISSISSIPPI  
Job Number: D573

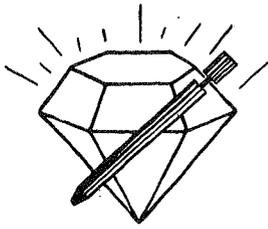
# DEBES #1





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading			
(A) Initial Hydrostatic Mud .....	1869		1869	PSI
(B) First Initial Flow Pressure.....	--		--	PSI
(C) First Final Flow Pressure .....	--		--	PSI
(D) Initial Closed-in Pressure .....	--		--	PSI
(E) Second Initial Flow Pressure .....	--		--	PSI
(F) Second Final Flow Pressure.....	--		--	PSI
(G) Final Closed-in Pressure.....	--		--	PSI
(H) Final Hydrostatic Mud .....	1838		1838	PSI



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC 30036.D574

Company Reif Oil & Gas Co., LLC Lease & Well No. Debes No. 1  
Elevation 1841 KB Formation Mississippi Effective Pay -- Ft. Ticket No. J2371  
Date 5-26-09 Sec. 19 Twp. 25S Range 11W County Stafford State Kansas  
Test Approved By Josh Austin Diamond Representative John C. Riedl

Formation Test No. 4 Interval Tested from 3,945 ft. to 3,990 ft. Total Depth 3,990 ft.  
Packer Depth 3,940 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.  
Packer Depth 3,945 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.  
Depth of Selective Zone Set          ft.

Top Recorder Depth (Inside)          3,948 ft. Recorder Number 30036 Cap. 5,000 psi  
Bottom Recorder Depth (Outside)          3,987 ft. Recorder Number 11017 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 53 Weight Pipe Length -- ft. I.D. -- in.  
Weight 9.0 Water Loss 8.8 cc. Drill Pipe Length 3,919 ft. I.D. 3 1/2 in.  
Chlorides 7,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.  
Jars: Make Sterling Serial Number 2 Anchor Length 45 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, 2 in., blow. No blow back during shut-in.  
2nd Open: Very weak, 1/2 in., blow. Dead in 35 mins. No blow back during shut-in.

Recovered 40 ft. of drilling mud = .569200 bbls.

Recovered          ft. of         

Recovered          ft. of         

Recovered          ft. of         

Recovered          ft. of         

Remarks         

Time Set Packer(s) 6:55 A.M. Time Started Off Bottom 9:55 A.M. Maximum Temperature 119°  
P.M. P.M.  
Initial Hydrostatic Pressure ..... (A) 1903 P.S.I.  
Initial Flow Period ..... Minutes 30 (B) 25 P.S.I. to (C) 34 P.S.I.  
Initial Closed In Period ..... Minutes 45 (D) 137 P.S.I.  
Final Flow Period ..... Minutes 45 (E) 34 P.S.I. to (F) 42 P.S.I.  
Final Closed In Period ..... Minutes 60 (G) 182 P.S.I.  
Final Hydrostatic Pressure ..... (H) 1833 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: REIF OIL+GAS CO. LLC

Contact: DON REIF

Phone: Fax: e-mail:

### Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

### Well Information:

Name: DEBES #1

Operator: REIF OIL+GAS CO. LLC

Location-Downhole: DST#4 3945 TO 3990

Location-Surface: S19/ 25S/ 11W STEFFORD COUNTY

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL

Job Number: D574

Test Unit: 2

Start Date: 2009/05/26

Start Time: 05:30:00

End Date: 2009/05/26

End Time: 11:40:00

Report Date: 2009/05/26

Prepared By: JOHN RIEDL

### Remarks:

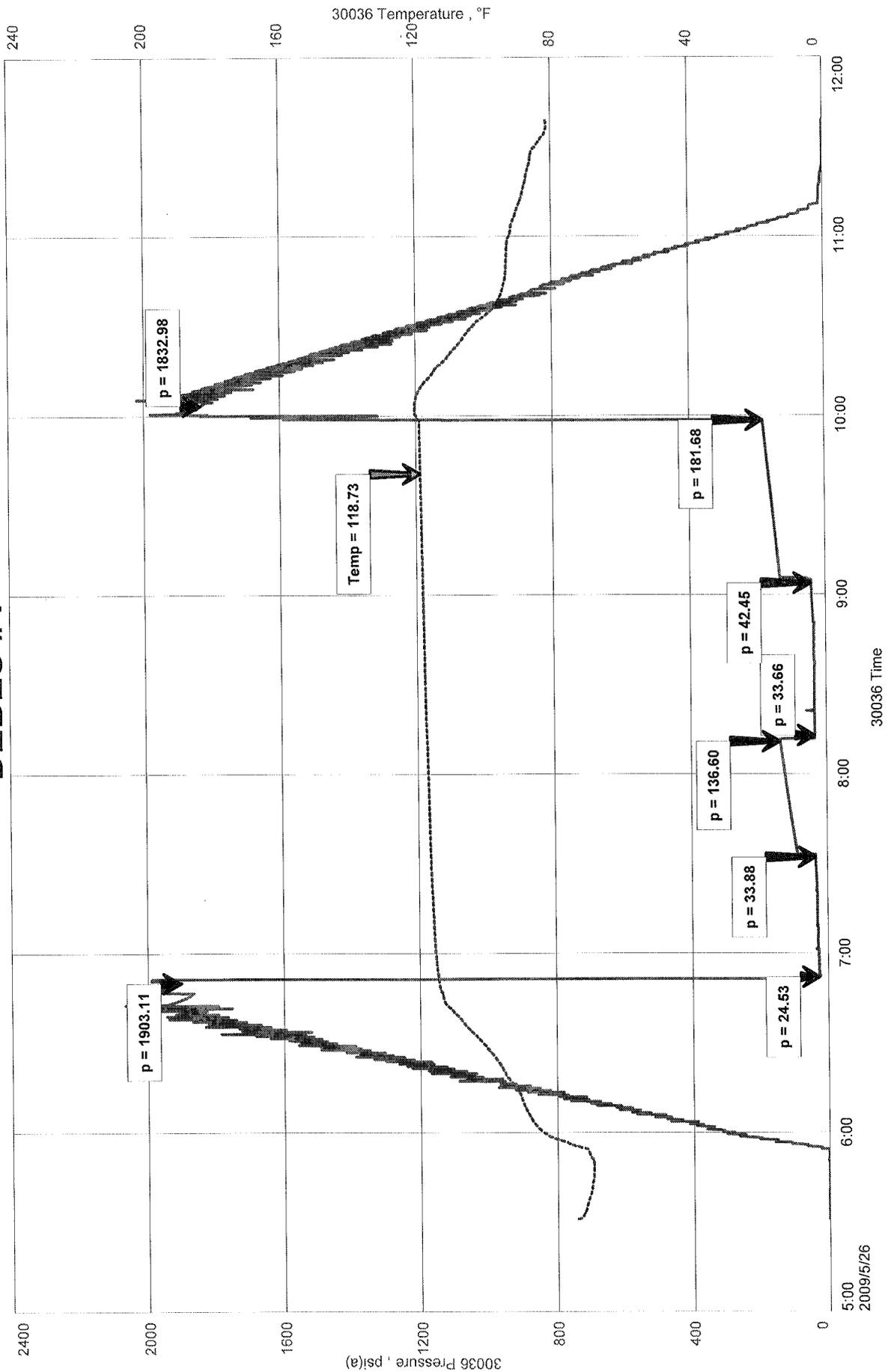
Qualified By: JOSH AUSTIN

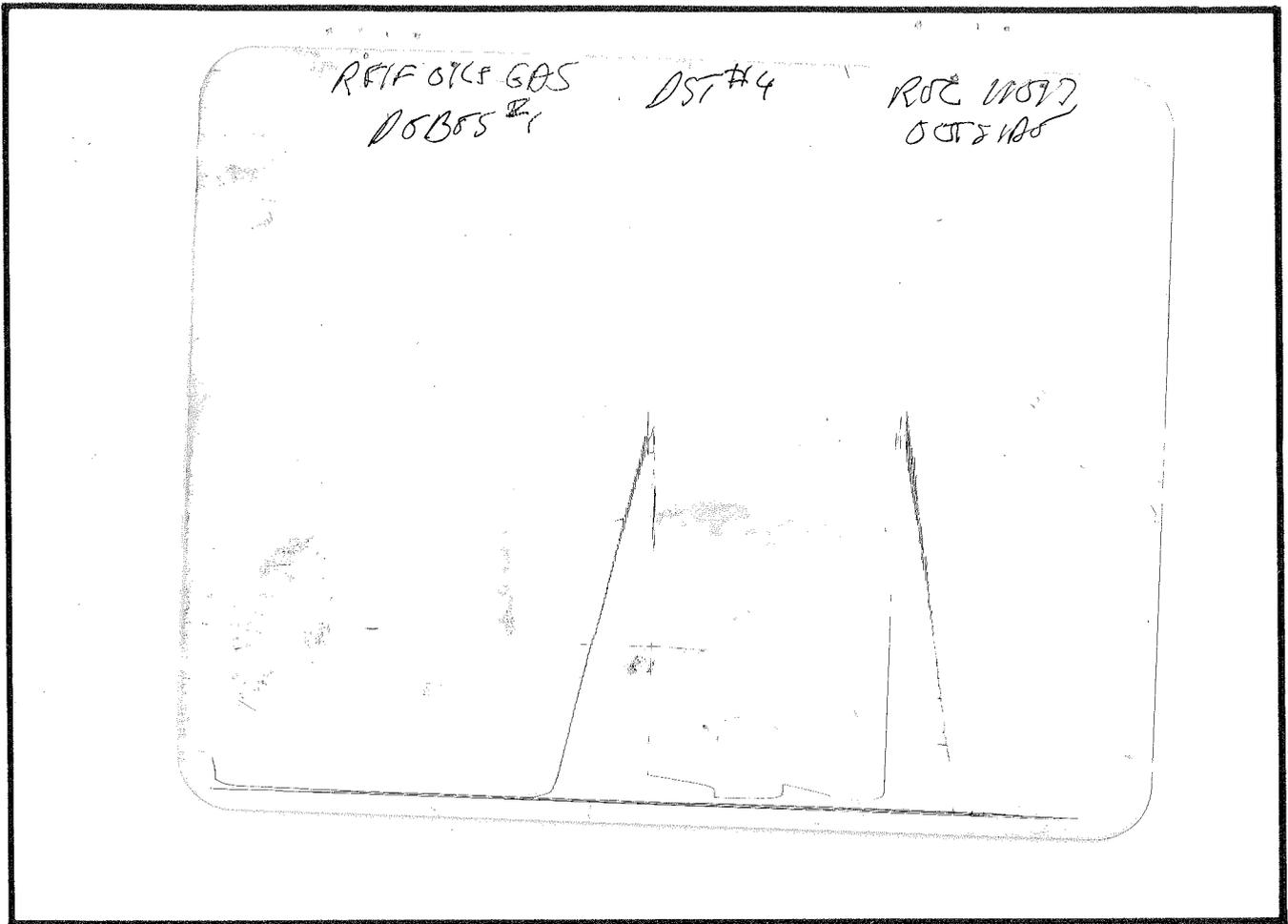
RECOVERY: 40' DRILLING MUD

DEBES #1  
Formation: MISSISSIPPI  
Job Number: D574

REIF OIL+GAS CO. LLC  
DST#4 3945 TO 3990  
Start Test Date: 2009/05/26  
Final Test Date: 2009/05/26

# DEBES #1





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading			
(A) Initial Hydrostatic Mud .....	1903	1903		PSI
(B) First Initial Flow Pressure.....	25	25		PSI
(C) First Final Flow Pressure .....	34	34		PSI
(D) Initial Closed-in Pressure .....	137	137		PSI
(E) Second Initial Flow Pressure.....	34	34		PSI
(F) Second Final Flow Pressure.....	42	42		PSI
(G) Final Closed-in Pressure.....	182	182		PSI
(H) Final Hydrostatic Mud.....	1833	1833		PSI