



15-185-23595

15-215-12w

**DIAMOND TESTING**  
P.O. Box 157  
HOISINGTON, KANSAS 67544  
(620) 653-7550 • (800) 542-7313  
STC 30044.D 638

Company L. D. Drilling, Inc. Lease & Well No. Maybach No. 1

Elevation 1842 KB Formation Lansing/Kansas City "B" - "F" Effective Pay -- Ft. Ticket No. J2435

Date 11-16-09 Sec. 15 Twp. 21S Range 12W County Stafford State Kansas

Test Approved By Jeff Christian Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,236 ft. to 3,300 ft. Total Depth 3,300 ft.

Packer Depth 3,231 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,236 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set          ft.

Top Recorder Depth (Inside) 3,239 ft. Recorder Number 30044 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 3,297 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth          ft. Recorder Number          Cap.          psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 50 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.0 Water Loss 7.2 cc. Drill Pipe Length 3,096 ft. I.D. 3 1/2 in.

Chlorides 2,200 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 64 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 8 mins. Fair blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 10 mins. Fair blow back during shut-in.

Recovered 800 ft. of gas in pipe

Recovered 120 ft. of gas & oil cut watery mud = 1.707600 bbls. (Grind out: 20%-gas; 25%-oil; 15%-water; 40%-mud)

Recovered 180 ft. of gassy water = 1.444200 bbls. (Grind out: 15%-gas; 85%-water) Chlorides: 56,000 Ppm

Recovered 300 ft. of TOTAL FLUID = 3.151800 bbls.

Recovered          ft. of         

Remarks         

Time Set Packer(s) 4:35 <sup>AM.</sup>P.M. Time Started Off Bottom 7:45 <sup>AM.</sup>P.M. Maximum Temperature 103°

Initial Hydrostatic Pressure ..... (A) 1532 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 32 P.S.I. to (C) 111 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 856 P.S.I.

Final Flow Period ..... Minutes 45 (E) 117 P.S.I. to (F) 193 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 850 P.S.I.

Final Hydrostatic Pressure ..... (H) 1499 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

### Site Information:

Contact: JEFF CHRISTIAN

Phone: Fax: e-mail:

### Well Information:

Name: MAYBACH #1

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface:

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JEFF CHRISTIAN

Test Type: Job Number: D638

Test Unit:

Start Date: 2009/11/16 Start Time: 15:10:00

End Date: 2009/11/16 End Time: 21:00:00

Report Date: 2009/11/16 Prepared By: JOHN RIEDL

Qualified By: JEFF CHRISTIAN

### Remarks:

RECOVERY: 800' GAS IN PIPE  
120' GAS+OIL CUT WATERY MUD  
180' GASSY WATER

L D DRILLING INC

Start Test Date: 2009/11/16

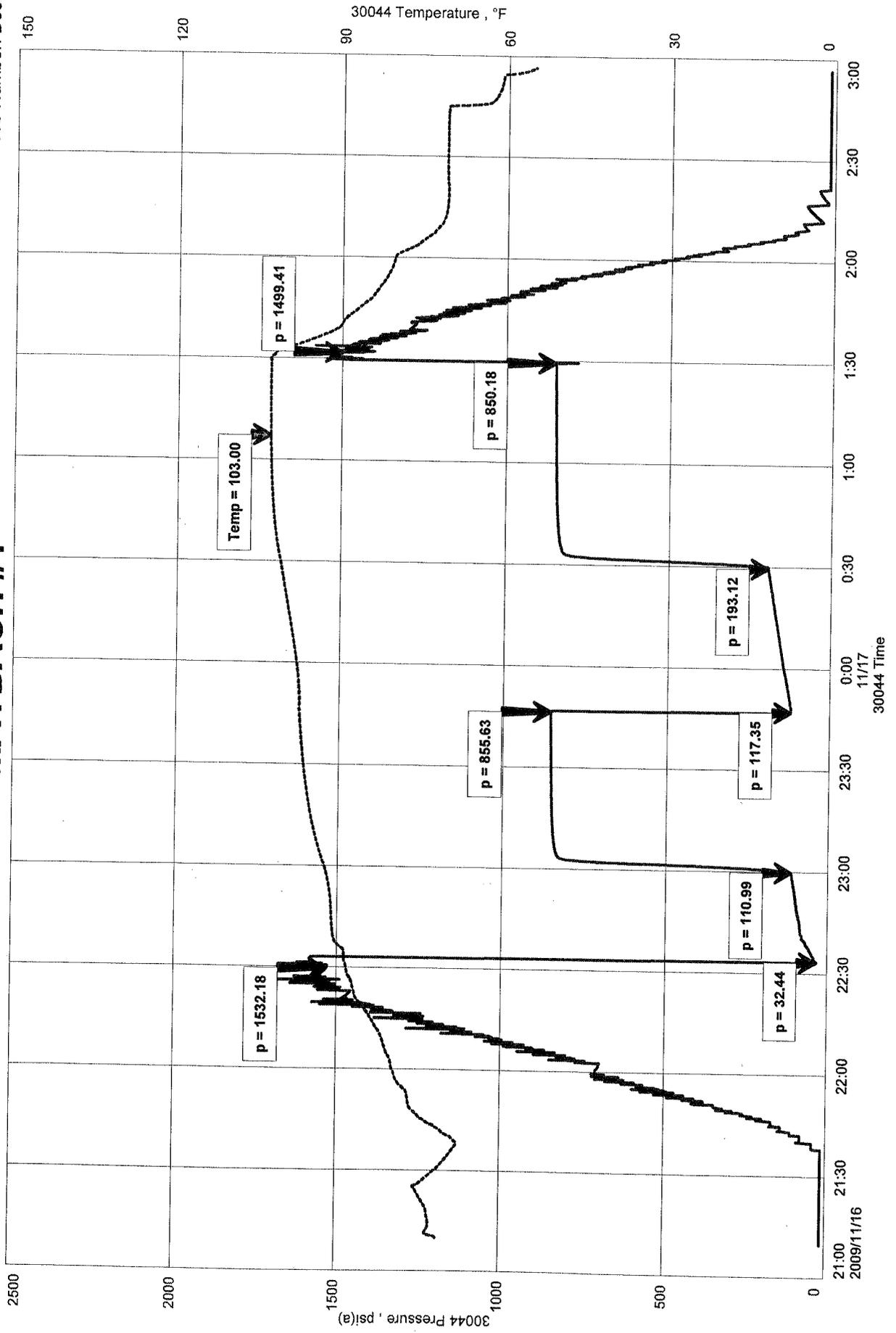
Final Test Date: 2009/11/16

# MAYBACH #1

MAYBACH #1

Formation: LKC " B-F"

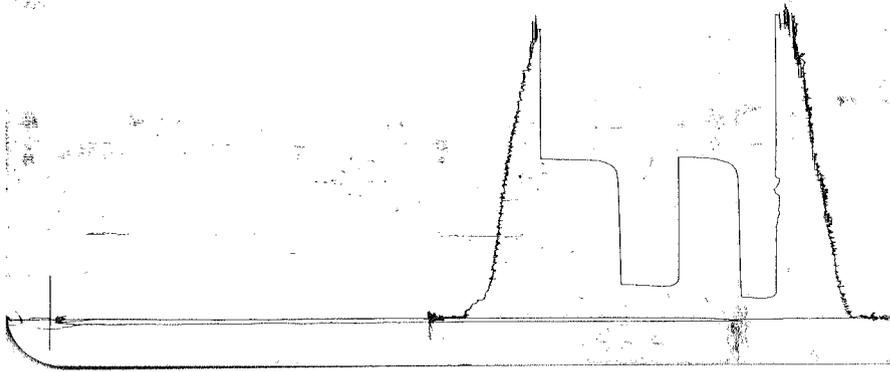
Job Number: D638



L-D DRILL  
MARBAC #1

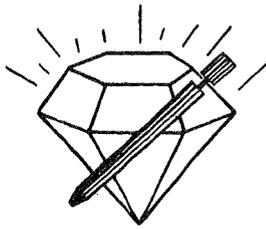
DST 1  
11/12/09

ROC 110V  
OUTSIDE



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading			
(A) Initial Hydrostatic Mud	1532	1532		PSI
(B) First Initial Flow Pressure	32	32		PSI
(C) First Final Flow Pressure	111	111		PSI
(D) Initial Closed-in Pressure	856	856		PSI
(E) Second Initial Flow Pressure	117	117		PSI
(F) Second Final Flow Pressure	193	193		PSI
(G) Final Closed-in Pressure	850	850		PSI
(H) Final Hydrostatic Mud	1499	1499		PSI



# DIAMOND TESTING

P.O. Box 157  
HOISINGTON, KANSAS 67544  
(620) 653-7550 • (800) 542-7313  
STC 30044.D 639

Company L. D. Drilling, Inc. Lease & Well No. Maybach No. 1

Elevation 1842 KB Formation Lansing/Kansas City "H" - "J" Effective Pay -- Ft. Ticket No. J2436

Date 11-17-09 Sec. 15 Twp. 21S Range 12W County Stafford State Kansas

Test Approved By Jeff Christian Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,304 ft. to 3,400 ft. Total Depth 3,400 ft.

Packer Depth 3,299 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,304 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set          ft.

Top Recorder Depth (Inside) 3,307 ft. Recorder Number 30044 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 3,397 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth          ft. Recorder Number          Cap.          psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 50 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.0 Water Loss 8.0 cc. Drill Pipe Length 3,164 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 96 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. Gas to surface in 13 mins. (Gas burned; sample taken.)  
Strong blow back off bottom of bucket shut-in.

2nd Open: Strong blow. Off bottom of bucket in 30 secs. Gas to surface throughout. Strong blow back off bottom of bucket during shut-in.

Recovered 1,600 ft. of gassy oil (some of it slightly mud cut) = 21.650800 bbls. (Gravity: 29 @ 60°)

Recovered          ft. of         

Recovered          ft. of         

Recovered          ft. of         

Recovered          ft. of         

Remarks 1st Flow: Gas gauged @ 150 MCF/D reducing to 34 MCF/D (Gas burned; sample taken)

2nd Flow: Gas gauged @ 6 MCF/D throughout

Time Set Packer(s) 7:50 A.M. P.M. Time Started Off Bottom 10:50 A.M. P.M. Maximum Temperature 106°

Initial Hydrostatic Pressure          (A) 1589 P.S.I.

Initial Flow Period          Minutes 30 (B) 137 P.S.I. to (C) 389 P.S.I.

Initial Closed In Period          Minutes 45 (D) 798 P.S.I.

Final Flow Period          Minutes 45 (E) 409 P.S.I. to (F) 599 P.S.I.

Final Closed In Period          Minutes 60 (G) 822 P.S.I.

Final Hydrostatic Pressure          (H) 1561 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

### Site Information:

Contact: JEFF CHRISTIAN

Phone: Fax: e-mail:

### Well Information:

Name: MAYBACH #1

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface:

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JEFF CHRISTIAN

Test Type: Job Number: D639

Test Unit:

Start Date: 2009/11/17 Start Time: 06:40:00

End Date: 2009/11/17 End Time: 13:40:00

Report Date: 2009/11/17 Prepared By: JOHN RIEDL

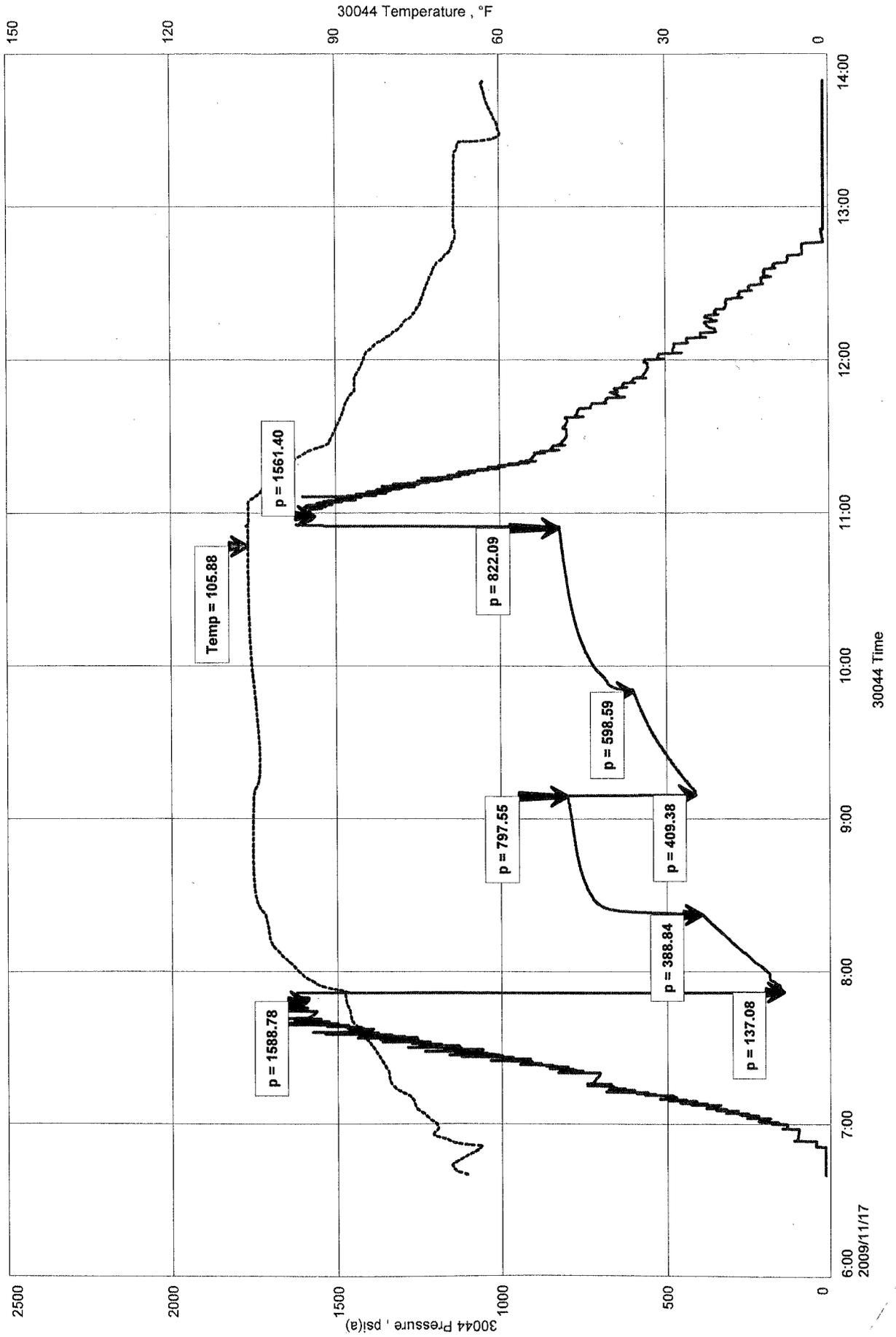
Remarks: Qualified By: JEFF CHRISTIAN

RECOVERY: 1600' GASSY OIL SOME SLIGHTLY MUD CUT

MAYBACH #1  
Job Number: D639

LD DRILLING INC  
Start Test Date: 2009/11/17  
Final Test Date: 2009/11/17

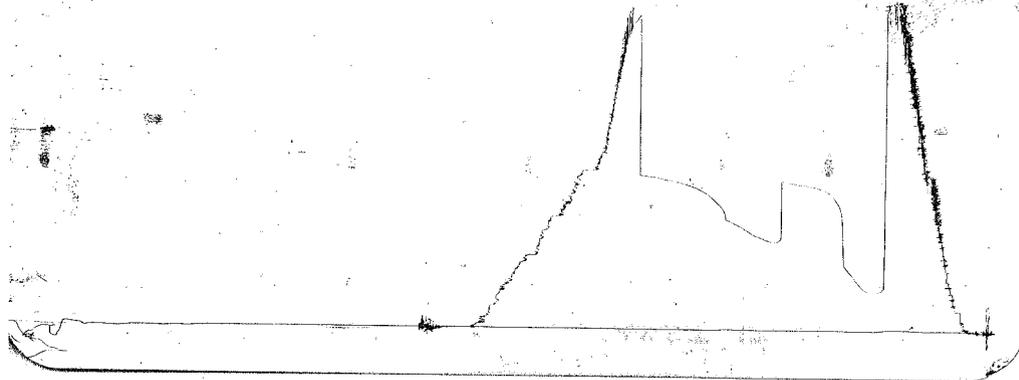
# MAYBACH #1



L.D. DRUG  
MAYBACK #1

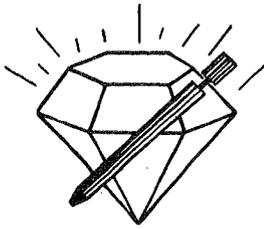
DST #2  
11/16/09

RSC 11017  
OUTSIDE



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading
	Field Reading		
(A) Initial Hydrostatic Mud .....	1589	1589	PSI
(B) First Initial Flow Pressure.....	137	137	PSI
(C) First Final Flow Pressure .....	389	389	PSI
(D) Initial Closed-in Pressure .....	798	798	PSI
(E) Second Initial Flow Pressure .....	409	409	PSI
(F) Second Final Flow Pressure.....	599	599	PSI
(G) Final Closed-in Pressure.....	822	822	PSI
(H) Final Hydrostatic Mud .....	1561	1561	PSI



# DIAMOND TESTING

P.O. Box 157  
HOISINGTON, KANSAS 67544  
(620) 653-7550 • (800) 542-7313  
STC 30044.D640

Company L. D. Drilling, Inc. Lease & Well No. Maybach No. 1

Elevation 1842 KB Formation Lansing/Kansas City "K" - "L" Effective Pay -- Ft. Ticket No. J2437

Date 11-17-09 Sec. 15 Twp. 21S Range 12W County Stafford State Kansas

Test Approved By Jeff Christian Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 3,398 ft. to 3,442 ft. Total Depth 3,442 ft.

Packer Depth 3,393 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,398 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 3,401 ft. Recorder Number 30044 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 3,439 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 54 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 8.0 cc. Drill Pipe Length 3,299 ft. I.D. 3 1/2 in.

Chlorides 7,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 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: Strong blow. Off bottom of bucket in 1 min. Strong blow back off bottom of bucket during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 5 mins. Strong blow back off bottom of bucket during shut-in.

Recovered 1,200 ft. of gas in pipe

Recovered 250 ft. of slightly mud cut gassy oil = 3.557500 bbls. (Grind out: 10%-mud; 30%-gas; 60%-oil)

Recovered 250 ft. of slightly gas cut water = 2.440300 bbls. (Grind out: 10%-gas; 90%-water) Chlorides: 35,000 Ppm

Recovered 500 ft. of TOTAL FLUID = 5.997800 bbls.

Recovered      ft. of     

Remarks     

Time Set Packer(s) 10:05 ~~AM~~ P.M. Time Started Off Bottom 1:05 ~~AM~~ P.M. Maximum Temperature 106°

Initial Hydrostatic Pressure ..... (A) 1633 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 56 P.S.I. to (C) 165 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 840 P.S.I.

Final Flow Period ..... Minutes 45 (E) 180 P.S.I. to (F) 256 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 786 P.S.I.

Final Hydrostatic Pressure ..... (H) 1611 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

### Site Information:

Contact: JEFF CHRISTIAN

Phone: Fax: e-mail:

### Well Information:

Name: MAYBACH #1

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface:

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JEFF CHRISTIAN

Test Type: Job Number: D640

Test Unit:

Start Date: 2009/11/17 Start Time: 20:45:00

End Date: 2009/11/18 End Time: 03:20:00

Report Date: 2009/11/18 Prepared By: JOHN RIEDL

Qualified By: JEFF CHRISTIAN

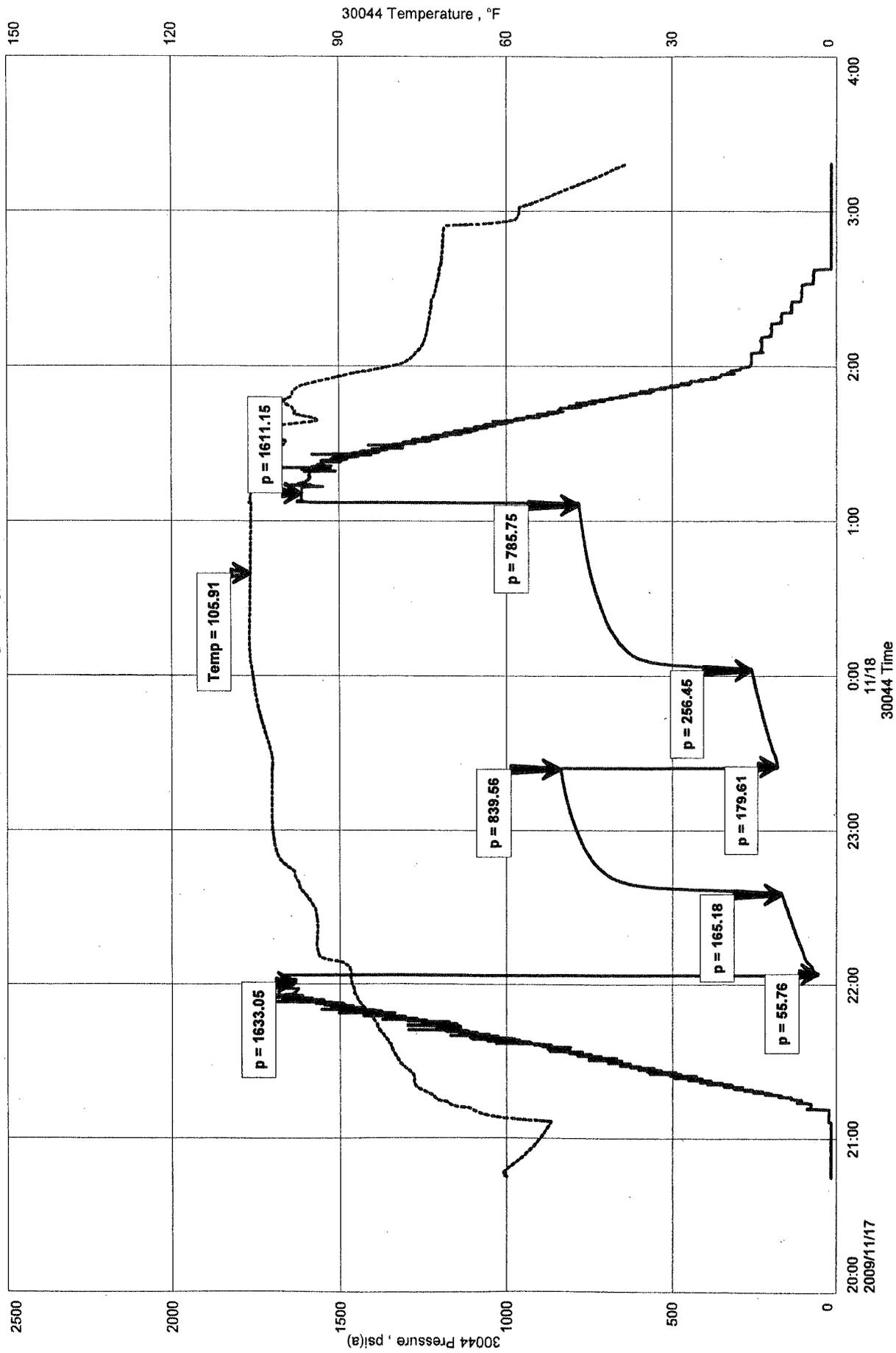
### Remarks:

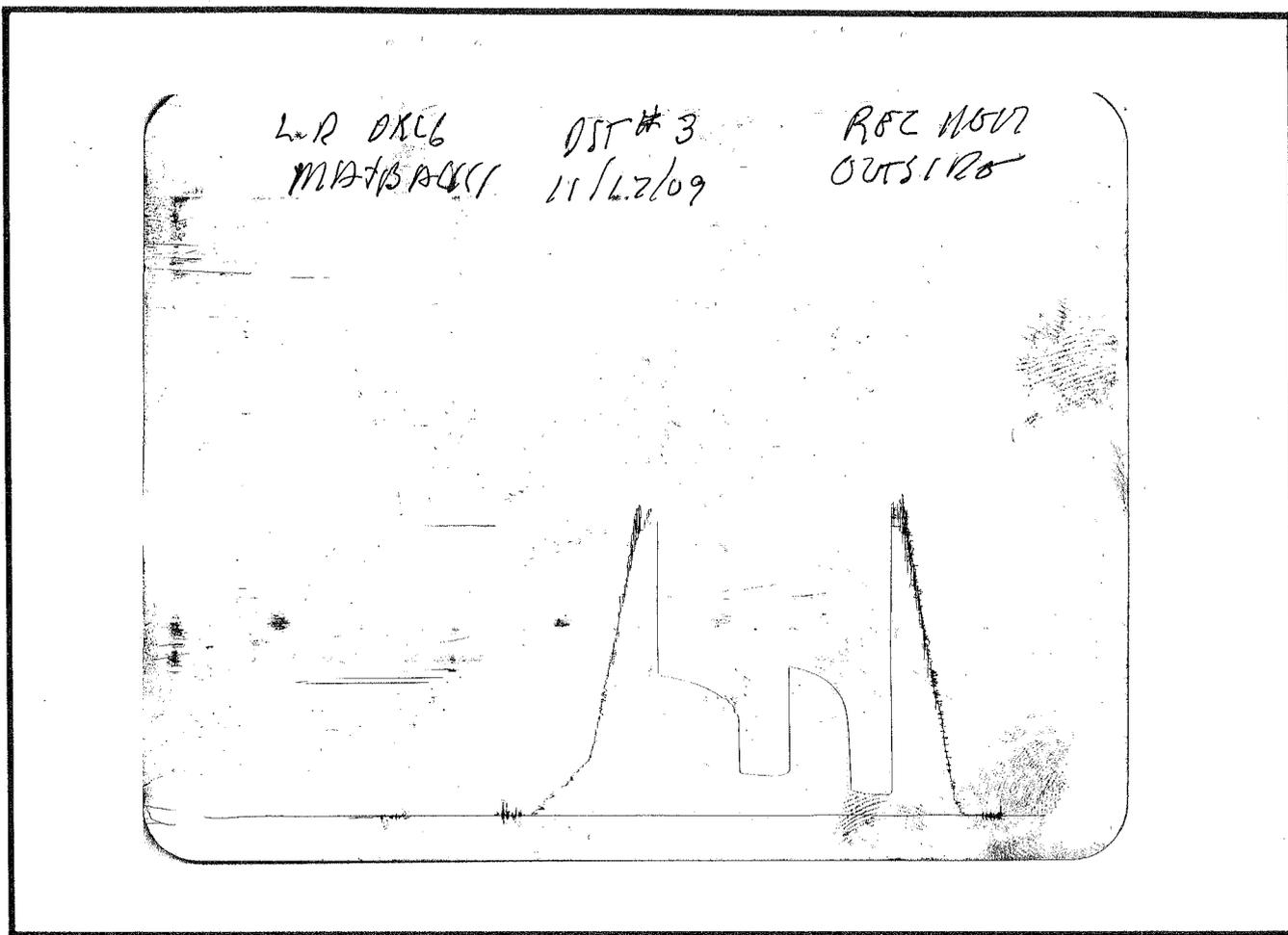
RECOVERY: 1200' GAS IN PIPE  
250' SLIGHTLY MUD CUT GASSY OIL  
250' SLIGHTLY GAS CUT WATER\par

MAYBACH #1  
Formation: LKC K+L  
Job Number: D640

L D DRILLING INC  
Start Test Date: 2009/11/17  
Final Test Date: 2009/11/18

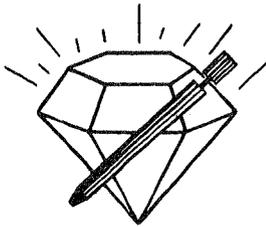
# MAYBACH #1





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading			
(A) Initial Hydrostatic Mud .....	1633	1633		PSI
(B) First Initial Flow Pressure.....	56	56		PSI
(C) First Final Flow Pressure .....	165	165		PSI
(D) Initial Closed-in Pressure .....	840	840		PSI
(E) Second Initial Flow Pressure .....	180	180		PSI
(F) Second Final Flow Pressure.....	256	256		PSI
(G) Final Closed-in Pressure.....	786	786		PSI
(H) Final Hydrostatic Mud .....	1611	1611		PSI



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC 30044.D641

Company L. D. Drilling, Inc. Lease & Well No. Maybach No. 1  
Elevation 1842 KB Formation Conglomerate Sand Effective Pay -- Ft. Ticket No. J2438  
Date 11-18-09 Sec. 15 Twp. 21S Range 12W County Stafford State Kansas

Test Approved By Jeff Christian Diamond Representative John C. Riedl

Formation Test No. 4 Interval Tested from 3,440 ft. to 3,485 ft. Total Depth 3,485 ft.

Packer Depth 3,435 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,440 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set          ft.

Top Recorder Depth (Inside) 3,443 ft. Recorder Number 30044 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 3,482 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth          ft. Recorder Number          Cap.          psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 56 Weight Pipe Length -- ft. I.D. -- in.

Weight 8.7 Water Loss 9.6 cc. Drill Pipe Length 3,300 ft. I.D. 3 1/2 in.

Chlorides 8,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 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, 1/2 in., blow decreasing to a surface blow. No blow back during shut-in.

2nd Open: Weak surface blow throughout. No blow back during shut-in.

Recovered 30 ft. of oil specked drilling mud = .147600 bbls.

Recovered          ft. of         

Recovered          ft. of         

Recovered          ft. of         

Recovered          ft. of         

Remarks         

Time Set Packer(s) 11:40 ~~XXX~~ A.M. Time Started Off Bottom 1:40 ~~XXX~~ P.M. Maximum Temperature 92°

Initial Hydrostatic Pressure ..... (A) 1649 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 27 P.S.I. to (C) 28 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 38 P.S.I.

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

Final Closed In Period ..... Minutes 30 (G) 34 P.S.I.

Final Hydrostatic Pressure ..... (H) 1621 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

### Site Information:

Contact: JEFF CHRISTIAN

Phone: Fax: e-mail:

### Well Information:

Name: MAYBACH #1

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S15/21S/12W STAFFORD

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JEFF CHRISTIAN

Test Type: Job Number: D640

Test Unit:

Start Date: 2009/11/18 Start Time: 10:25:00

End Date: 2009/11/18 End Time: 15:15:00

Report Date: 2009/11/18 Prepared By: JOHN RIEDL

Qualified By: JEFF CHRISTIAN

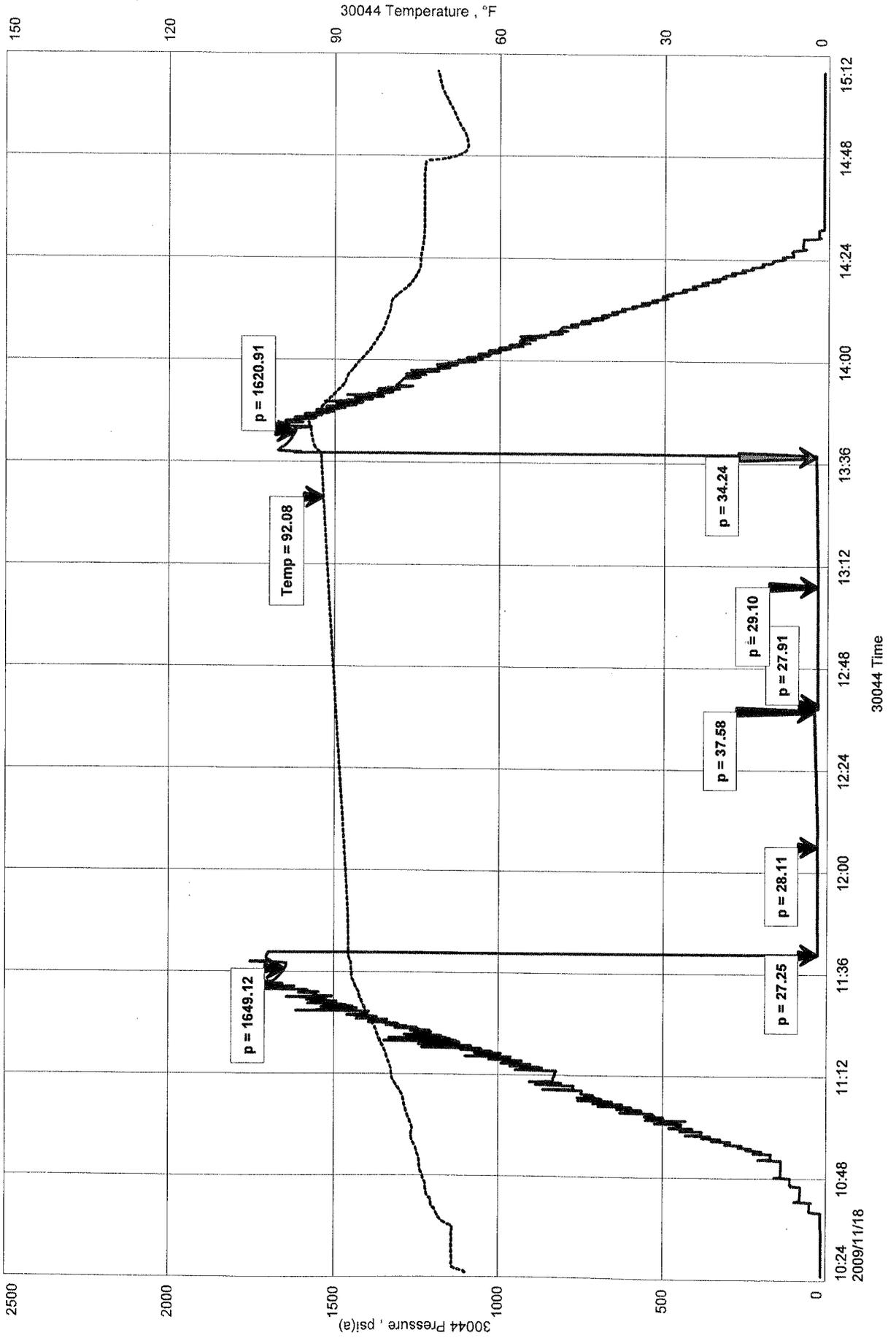
### Remarks:

RECOVERY: 30' OIL SPECKED MUD

MAYBACH #1  
Formation: CONG SAND  
Job Number: D641

L D DRILLING INC  
Start Test Date: 2009/11/18  
Final Test Date: 2009/11/18

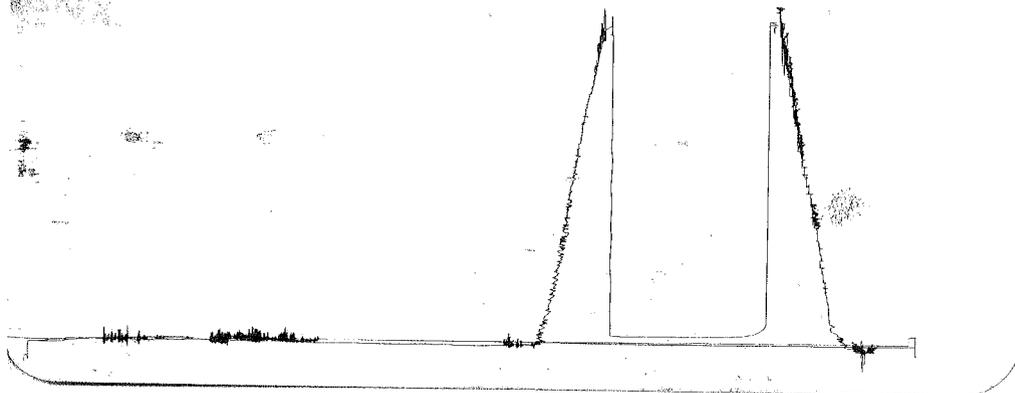
# MAYBACH #1



L-4. UELG  
MAYBACH #1

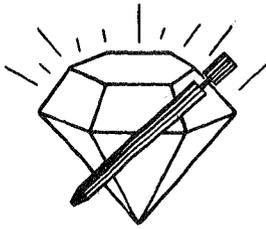
DST #4  
11/18/59

WEL 11017  
OUTSIDE



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading			
(A) Initial Hydrostatic Mud	1649	1649		PSI
(B) First Initial Flow Pressure	27	27		PSI
(C) First Final Flow Pressure	28	28		PSI
(D) Initial Closed-in Pressure	38	38		PSI
(E) Second Initial Flow Pressure	28	28		PSI
(F) Second Final Flow Pressure	29	29		PSI
(G) Final Closed-in Pressure	34	34		PSI
(H) Final Hydrostatic Mud	1621	1621		PSI



# DIAMOND TESTING

P.O. Box 157  
HOISINGTON, KANSAS 67544  
(620) 653-7550 • (800) 542-7313  
STC 30044.D 642

Company L. D. Drilling, Inc. Lease & Well No. Maybach No. 1  
Elevation 1842 KB Formation Simpson/Arbuckle Effective Pay      -- Ft. Ticket No. J2439  
Date 11-18-09 Sec. 15 Twp. 21S Range 12W County Stafford State Kansas  
Test Approved By Jeff Christian Diamond Representative John C. Riedl

Formation Test No. 5 Interval Tested from 3,462 ft. to 3,502 ft. Total Depth 3,502 ft.  
Packer Depth 3,457 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.  
Packer Depth 3,462 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.  
Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 3,465 ft. Recorder Number 30044 Cap. 6,000 psi  
Bottom Recorder Depth (Outside) 3,499 ft. Recorder Number 11017 Cap. 4,000 psi  
Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
Mud Type Chemical Viscosity 56 Weight Pipe Length      -- ft. I.D.      -- in.  
Weight 9.1 Water Loss 9.0 cc. Drill Pipe Length 3,322 ft. I.D. 3 1/2 in.  
Chlorides 8,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 40 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 16 mins. Weak, 2 in., blow back during shut-in.  
2nd Open: Strong blow. Off bottom of bucket in 14 mins. Weak, 1 in., blow back during shut-in.

Recovered 900 ft. of gas in pipe  
Recovered 180 ft. of gassy oil = 2.561400 bbls. (Grind out: 15%-gas; 85%-oil) Gravity: 36 @ 60°  
Recovered 120 ft. of muddy gassy oil = .590400 bbls. (Grind out: 15%-mud; 20%-gas; 65%-oil)  
Recovered 300 ft. of TOTAL FLUID = 3.151800 bbls.  
Recovered      ft. of     

Remarks     

Time Set Packer(s) 8:45 ~~AM~~ P.M. Time Started Off Bottom 11:45 ~~AM~~ P.M. Maximum Temperature 98°  
Initial Hydrostatic Pressure 1656 P.S.I. (A)  
Initial Flow Period 30 Minutes (B) 39 P.S.I. to (C) 101 P.S.I.  
Initial Closed In Period 45 Minutes (D) 1062 P.S.I.  
Final Flow Period 45 Minutes (E) 101 P.S.I. to (F) 134 P.S.I.  
Final Closed In Period 60 Minutes (G) 959 P.S.I.  
Final Hydrostatic Pressure 1628 P.S.I. (H)

## GENERAL INFORMATION

### Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

### Site Information:

Contact: JEFF CHRISTIAN

Phone: Fax: e-mail:

### Well Information:

Name: MAYBACH #1

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface:

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JEFF CHRISTIAN

Test Type: Job Number: D642

Test Unit:

Start Date: 2009/11/18 Start Time: 19:40:00

End Date: 2009/11/19 End Time: 01:40:00

Report Date: 2009/11/19 Prepared By: JOHN RIEDL

Qualified By: JEFF CHRISTIAN

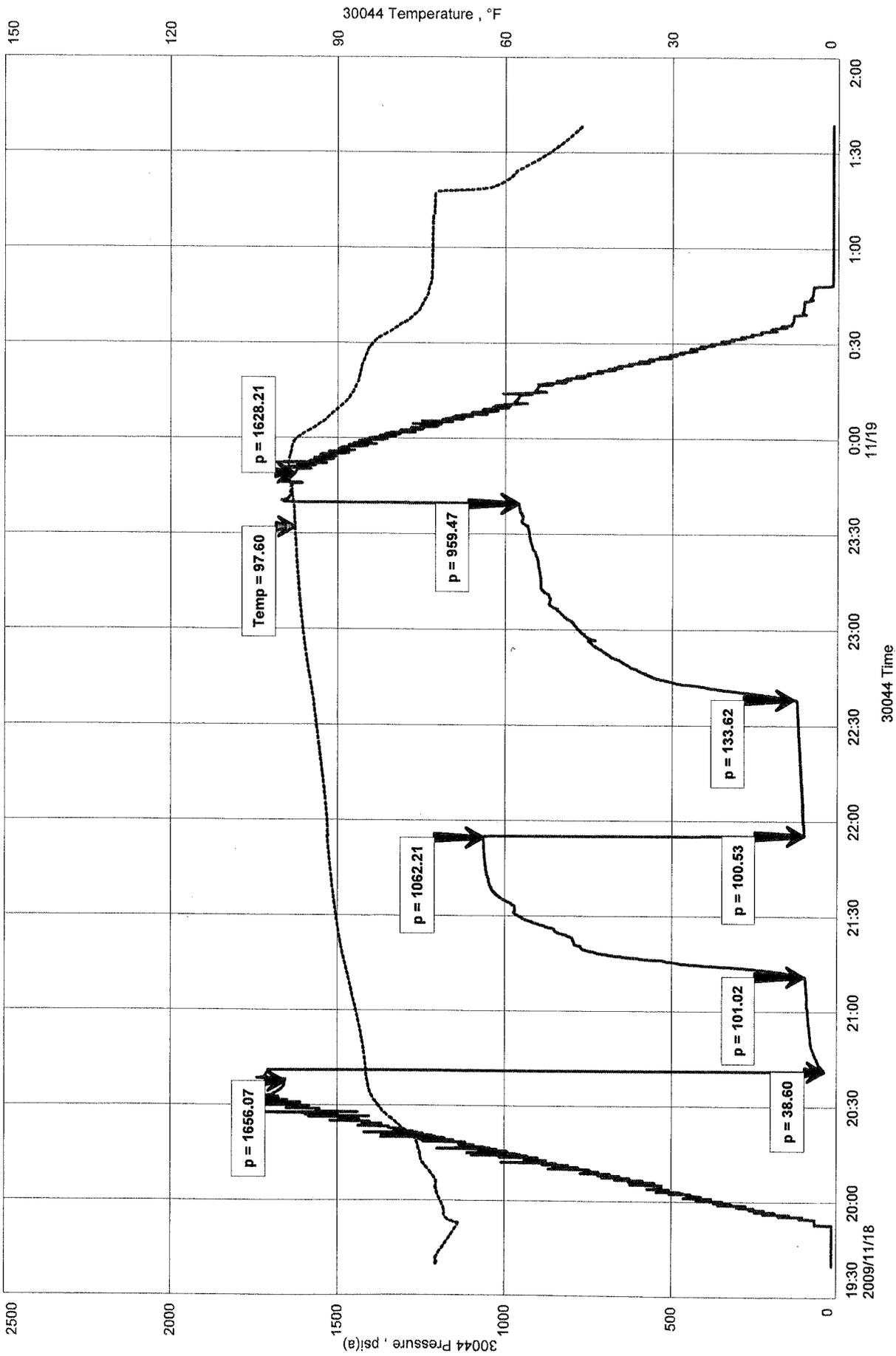
### Remarks:

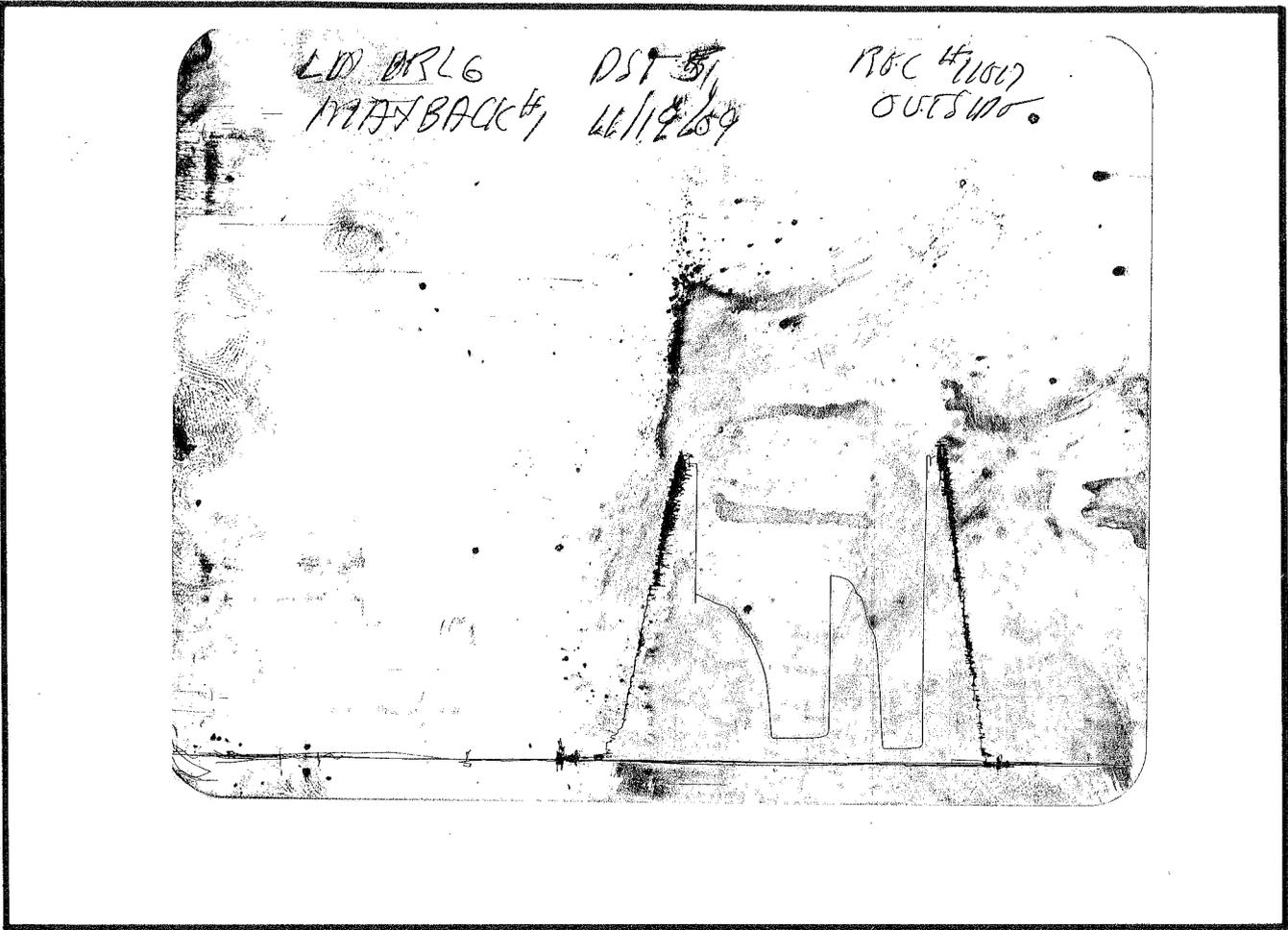
RECOVERY: 900' GAS IN PIPE  
180' GASSY OIL  
120' MUD CUT GASSY OIL

MAYBACH #1  
Formation: SIMPSON, ARBUCKLE  
Job Number: D642

LD DRILLING INC  
Start Test Date: 2009/11/18  
Final Test Date: 2009/11/19

# MAYBACH #1





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading			
(A) Initial Hydrostatic Mud .....	1656	1656	1656	PSI
(B) First Initial Flow Pressure.....	39	39	39	PSI
(C) First Final Flow Pressure .....	101	101	101	PSI
(D) Initial Closed-in Pressure .....	1062	1062	1062	PSI
(E) Second Initial Flow Pressure.....	101	101	101	PSI
(F) Second Final Flow Pressure.....	134	134	134	PSI
(G) Final Closed-in Pressure .....	959	959	959	PSI
(H) Final Hydrostatic Mud.....	1628	1628	1628	PSI



**DIAMOND TESTING**

P.O. Box 157  
HOISINGTON, KANSAS 67544  
(620) 653-7550 • (800) 542-7313  
STC 30044.D643

Company L. D. Drilling, Inc. Lease & Well No. Maybach No. 1

Elevation 1842 KB Formation Arbuckle Effective Pay      -- Ft. Ticket No. J2440

Date 11-19-09 Sec. 15 Twp. 21S Range 12W County Stafford State Kansas

Test Approved By Jeff Christian Diamond Representative John C. Riedl

Formation Test No. 6 Interval Tested from 3,501 ft. to 3,512 ft. Total Depth 3,512 ft.

Packer Depth 3,496 ft. Size 63/4 in. Packer Depth      -- ft. Size      -- in.

Packer Depth 3,501 ft. Size 63/4 in. Packer Depth      -- ft. Size      -- in.

Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 3,504 ft. Recorder Number 30044 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 3,509 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 50 Weight Pipe Length      -- ft. I.D.      -- in.

Weight 8.9 Water Loss 13.5 cc. Drill Pipe Length 3,361 ft. I.D. 3 1/2 in.

Chlorides 13,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 11 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 30 secs. Weak, 1 in., blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 1 min. Weak, 2 in., blow back during shut-in.

Recovered 400 ft. of gas in pipe

Recovered 720 ft. of gassy oil = 9.128400 bbls. (Grind out: 15%-gas; 85%-oil) Gravity: 39 @ 60°

Recovered 720 ft. of TOTAL FLUID = 9.128400 bbls.

Recovered      ft. of     

Recovered      ft. of     

Remarks     

Time Set Packer(s) 8:45 ~~P.M.~~ A.M. Time Started Off Bottom 11:45 ~~P.M.~~ A.M. Maximum Temperature 111°

Initial Hydrostatic Pressure ..... (A) 1671 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 138 P.S.I. to (C) 212 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 615 P.S.I.

Final Flow Period ..... Minutes 45 (E) 245 P.S.I. to (F) 293 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 622 P.S.I.

Final Hydrostatic Pressure ..... (H) 1652 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: L D DRILLIG INC

Contact: L D DAVIS

Phone: Fax: e-mail:

### Site Information:

Contact: JEFF CHRISTIAN

Phone: Fax: e-mail:

### Well Information:

Name: MAYBACH #1

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface:

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JEFF CHRISTIAN

Test Type: Job Number: D643

Test Unit:

Start Date: 2009/11/19 Start Time: 07:00:00

End Date: 2009/11/19 End Time: 14:00:00

Report Date: 2009/11/19 Prepared By: JOHN RIEDL

Qualified By: JEFF CHRISTIAN

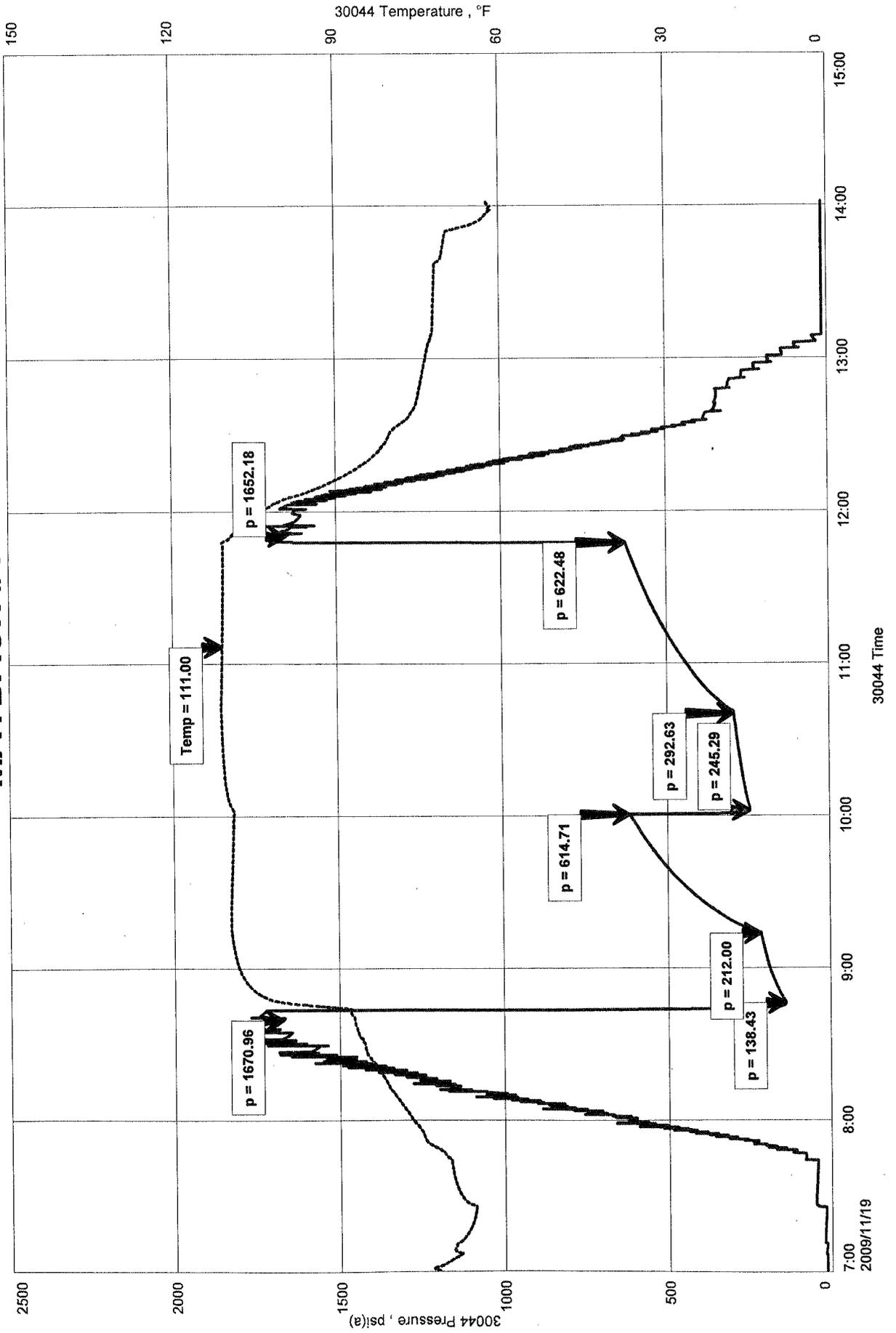
### Remarks:

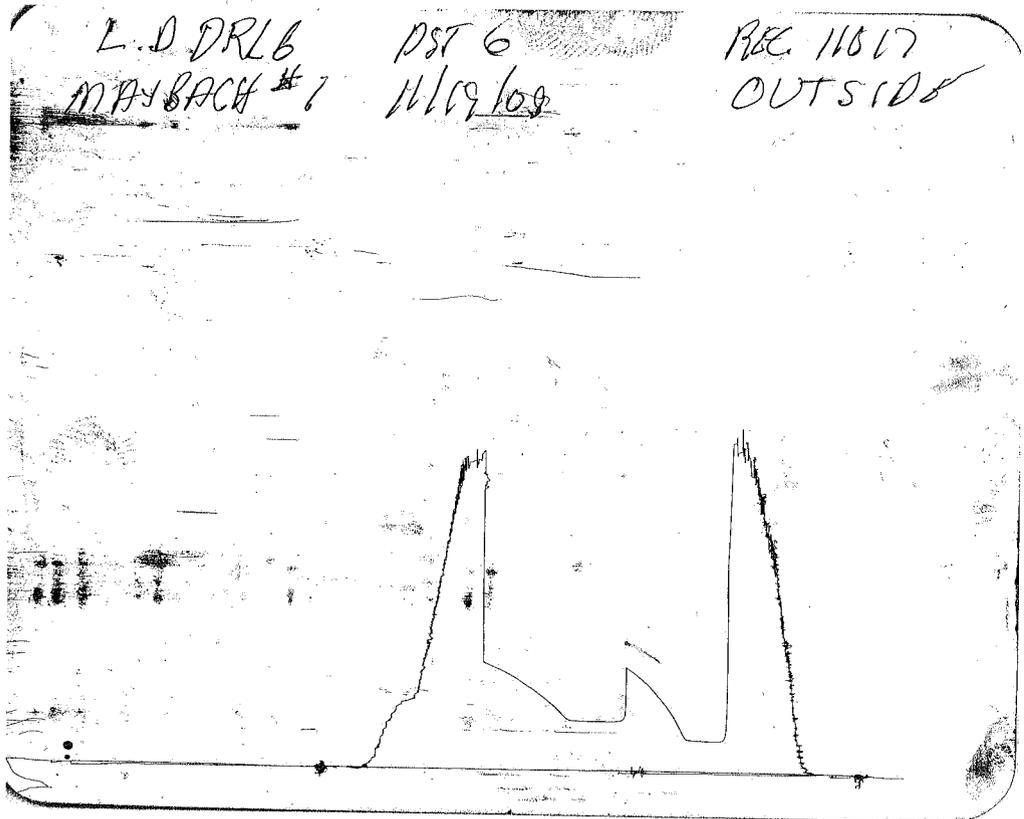
RECOVERY:400' GAS IN PIPE  
720' GASSY OIL

MAYBACH #1  
Formation: ARBUCKLE  
Job Number: D643

L.D DRILLIG INC  
Start Test Date: 2009/11/19  
Final Test Date: 2009/11/19

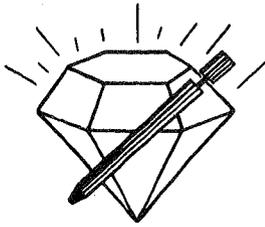
# MAYBACH #1





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading			
(A) Initial Hydrostatic Mud	1671	1671		PSI
(B) First Initial Flow Pressure	138	138		PSI
(C) First Final Flow Pressure	212	212		PSI
(D) Initial Closed-in Pressure	615	615		PSI
(E) Second Initial Flow Pressure	245	245		PSI
(F) Second Final Flow Pressure	293	293		PSI
(G) Final Closed-in Pressure	622	622		PSI
(H) Final Hydrostatic Mud	1652	1652		PSI



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC 30044.D644

Company L. D. Drilling, Inc. Lease & Well No. Maybach No. 1  
Elevation 1842 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. J2441  
Date 11-19-09 Sec. 15 Twp. 21S Range 12W County Stafford State Kansas  
Test Approved By Jeff Christian Diamond Representative John C. Riedl

Formation Test No. 7 Interval Tested from 3,512 ft. to 3,524 ft. Total Depth 3,524 ft.  
Packer Depth 3,507 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.  
Packer Depth 3,512 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.  
Depth of Selective Zone Set          ft.

Top Recorder Depth (Inside) 3,515 ft. Recorder Number 30044 Cap. 6,000 psi  
Bottom Recorder Depth (Outside) 3,521 ft. Recorder Number 11017 Cap. 4,000 psi  
Below Straddle Recorder Depth          ft. Recorder Number          Cap.          psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
Mud Type Chemical Viscosity 50 Weight Pipe Length -- ft. I.D. -- in.  
Weight 8.9 Water Loss 9.2 cc. Drill Pipe Length 3,372 ft. I.D. 3 1/2 in.  
Chlorides 8,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 12 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 30 secs. Good, 5 in., blow back during shut-in.  
2nd Open: Strong blow. Off bottom of bucket in 30 secs. Weak, 1 in., blow back during shut-in.

Recovered 300 ft. of gas in pipe  
Recovered 1,500 ft. of gassy oil = 20.227800 bbls. (Grind out: 20%-gas; 80%-oil) Gravity: 38 @ 60°  
Recovered 1,500 ft. of TOTAL FLUID = 20.227800 bbls.  
Recovered          ft. of           
Recovered          ft. of           
Remarks         

Time Set Packer(s) 8:10 <sup>AM.</sup> P.M. Time Started Off Bottom 11:10 <sup>AM.</sup> P.M. Maximum Temperature 111°  
Initial Hydrostatic Pressure ..... (A) 1681 P.S.I.  
Initial Flow Period ..... Minutes 30 (B) 178 P.S.I. to (C) 336 P.S.I.  
Initial Closed In Period ..... Minutes 45 (D) 868 P.S.I.  
Final Flow Period ..... Minutes 45 (E) 388 P.S.I. to (F) 520 P.S.I.  
Final Closed In Period ..... Minutes 60 (G) 849 P.S.I.  
Final Hydrostatic Pressure ..... (H) 1634 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

### Site Information:

Contact: JEFF CHRISTIAN

Phone: Fax: e-mail:

### Well Information:

Name: MAYBACH #1

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S15/21S/12W STAFFORD

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JEFF CHRISTIAN

Test Type: Job Number: D644

Test Unit:

Start Date: 2009/11/19 Start Time: 19:00:00

End Date: 2009/11/20 End Time: 02:45:00

Report Date: 2009/11/20 Prepared By: JOHN RIEDL

Qualified By: JEFF CHRISTIAN

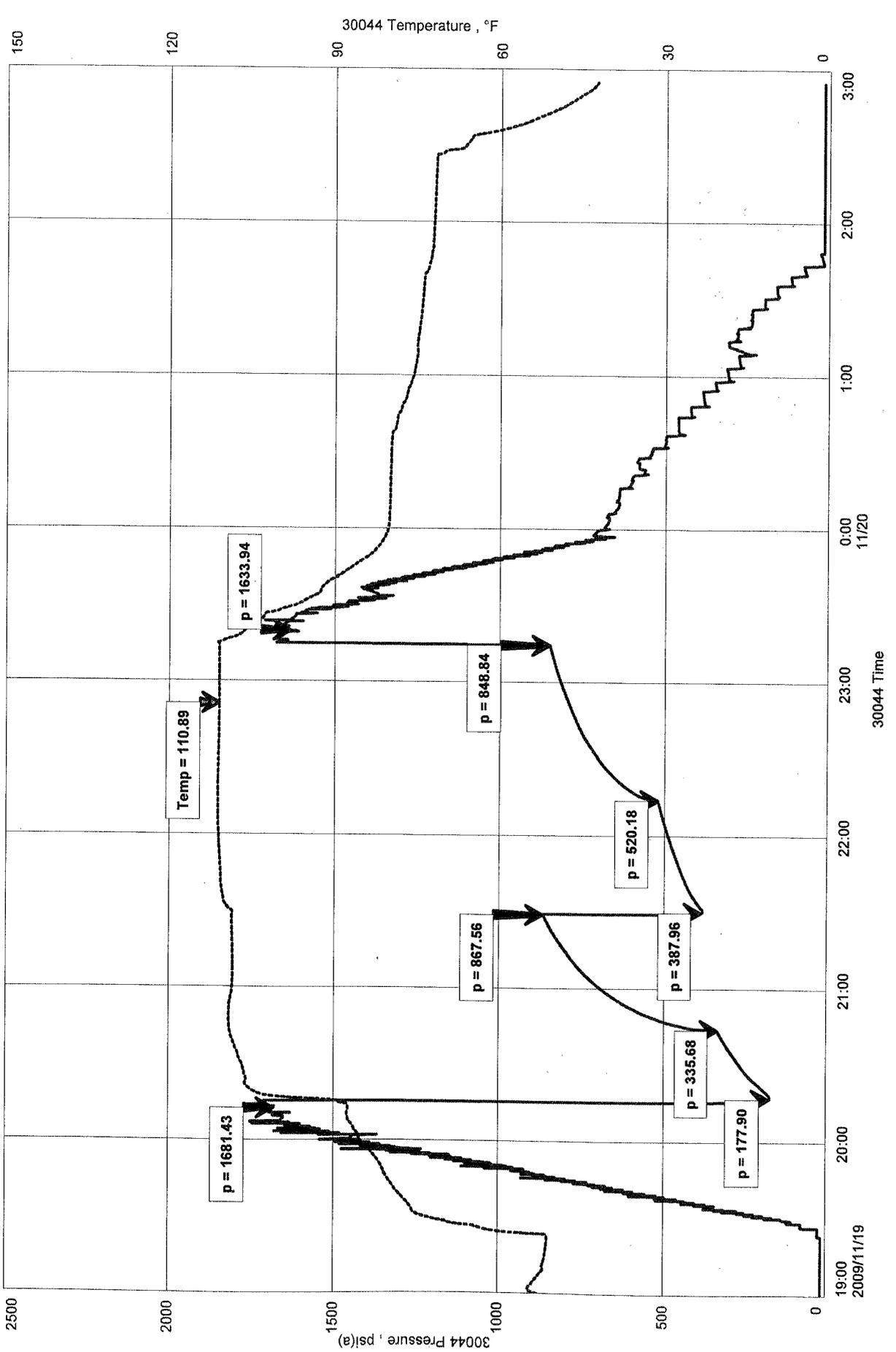
### Remarks:

RECOVERY: 300' GAS IN PIPE  
1500' GASSY OIL

MAYBACH #1  
Formation: ARBUCKLE  
Job Number: D644

# MAYBACH #1

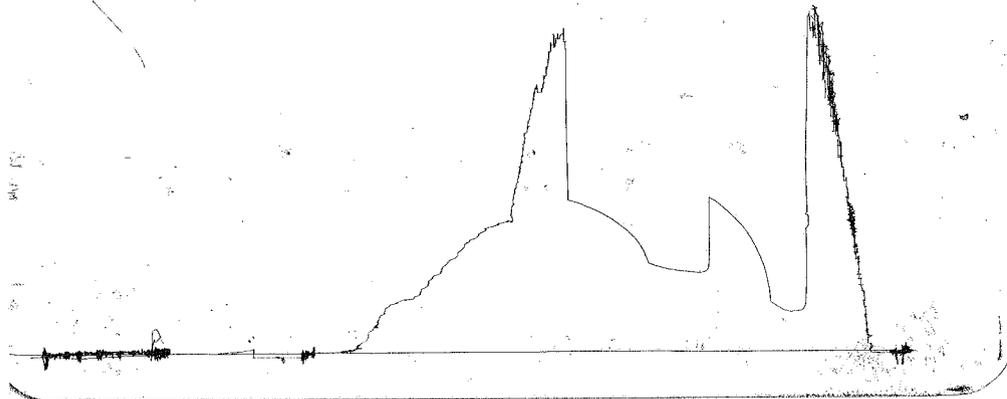
L D DRILLING INC  
Start Test Date: 2009/11/19  
Final Test Date: 2009/11/20



LD DRL6  
MAYBACH#)

DST#7  
11/19/69

ROC 11617  
OUTSIDE



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading
	Field Reading		
(A) Initial Hydrostatic Mud .....	1681	1681	PSI
(B) First Initial Flow Pressure.....	178	178	PSI
(C) First Final Flow Pressure .....	336	336	PSI
(D) Initial Closed-in Pressure .....	868	868	PSI
(E) Second Initial Flow Pressure.....	388	388	PSI
(F) Second Final Flow Pressure.....	520	520	PSI
(G) Final Closed-in Pressure.....	849	849	PSI
(H) Final Hydrostatic Mud .....	1634	1634	PSI