



15-151-22339

3-26s-15w

DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30044.D595

Company L. D. Drilling, Inc. Lease & Well No. Giles No. 1
Elevation 2040 KB Formation Lansing "B" Effective Pay -- Ft. Ticket No. J2393
Date 8-19-09 Sec. 3 Twp. 26S Range 15W County Pratt State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,874 ft. to 3,912 ft. Total Depth 3,912 ft.
Packer Depth 3,869 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,874 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.
Top Recorder Depth (Inside) 3,877 ft. Recorder Number 30044 Cap. 6,000 psi
Bottom Recorder Depth (Outside) 3,909 ft. Recorder Number 11017 Cap. 4,000 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Duke Drilling Co., Inc. - Rig 9 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 50 Weight Pipe Length -- ft. I.D. -- in.
Weight 8.9 Water Loss 10.0 cc. Drill Pipe Length 3,848 ft. I.D. 3 1/2 in.
Chlorides 4,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number 2 Anchor Length 38 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. No blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket in 9 mins. Weak blow back during shut-in.

Recovered 2,200 ft. of gas in pipe
Recovered 140 ft. of muddy gassy oil = 1.992200 bbls. (Grind out: 15%-mud; 35%-gas; 50%-oil)
Recovered 80 ft. of slightly mud cut water = 1.138400 bbls. (Grind out: 10%-mud; 90%-water) Chlorides: 87,000 Ppm
Recovered 220 ft. of TOTAL FLUID = 3.130600 bbls.
Recovered ft. of

Remarks

Table with 4 columns: Time Set Packer(s), Time Started Off Bottom, Maximum Temperature, and P.S.I. values for Initial Hydrostatic Pressure, Initial Flow Period, Initial Closed In Period, Final Flow Period, Final Closed In Period, and Final Hydrostatic Pressure.

GENERAL INFORMATION

Client Information:

Company: L D DRILLING CO INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: GILES #1

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S3/26S/15W PRATT COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D595

Test Unit:

Start Date: 2009/08/19 Start Time: 08:00:00

End Date: 2009/08/19 End Time: 16:00:00

Report Date: 2009/08/19 Prepared By: JOHN RIEDL

Qualified By: KIM SHOEMAKER

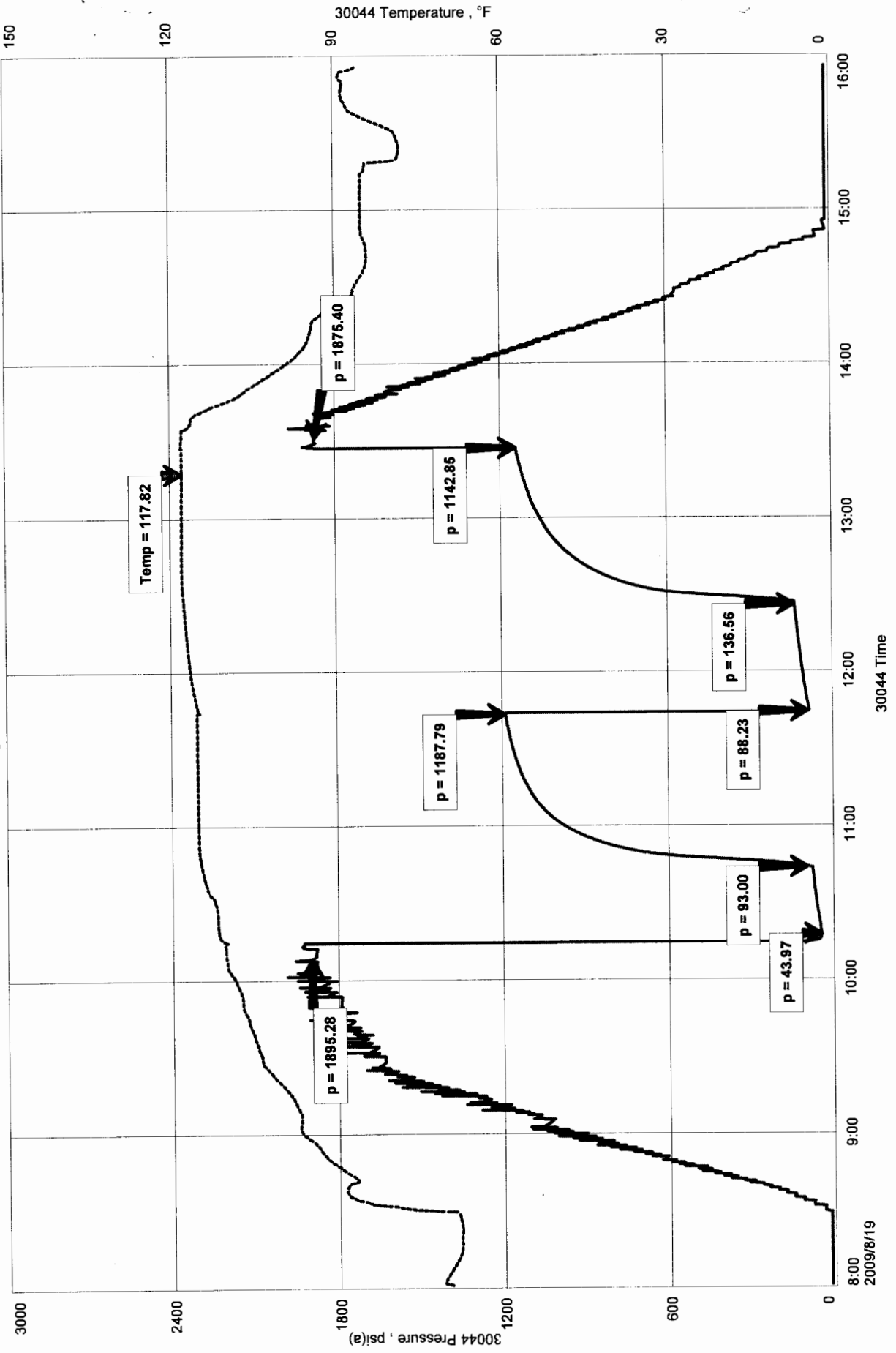
Remarks:

RECOVERY:2200' GAS IN PIPE
140' MUDDY GASSY OIL
80' MUD CUT WATER

GILES #1
Formation: LANSING "B"
Job Number: D595

L D DRILLING CO INC
Start Test Date: 2009/08/19
Final Test Date: 2009/08/19

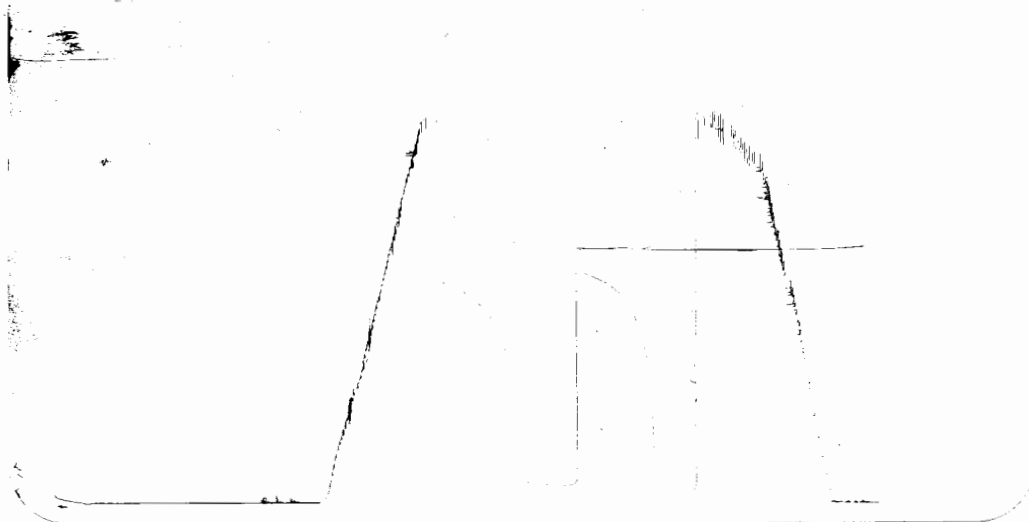
GILES #1



61255 #1

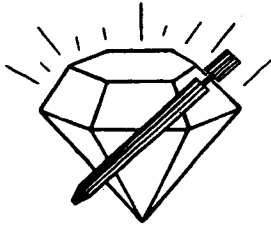
DST 1
2009/08/29

RFC (101.7)
OUTSIDE



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	1895	1895	PSI
(B) First Initial Flow Pressure	44	44	PSI
(C) First Final Flow Pressure	93	93	PSI
(D) Initial Closed-in Pressure	1188	1188	PSI
(E) Second Initial Flow Pressure	88	88	PSI
(F) Second Final Flow Pressure	137	137	PSI
(G) Final Closed-in Pressure	1143	1143	PSI
(H) Final Hydrostatic Mud	1875	1875	PSI



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30044.D596

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

Elevation 2040 KB Formation Mississippi Effective Pay -- Ft. Ticket No. J2394

Date 8-21-09 Sec. 3 Twp. 26S Range 15W County Pratt State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 4,289 ft. to 4,358 ft. Total Depth 4,358 ft.

Packer Depth 4,284 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,289 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,292 ft. Recorder Number 30044 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 4,355 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Duke Drilling Co., Inc. - Rig 9 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 52 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 9.0 cc. Drill Pipe Length 4,263 ft. I.D. 3 1/2 in.

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

Jars: Make Sterling Serial Number 2 Anchor Length 69 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 20 mins. No blow back during shut-in.
(SEE GAS VOLUME REPORT)

2nd Open: Strong blow. Off bottom of bucket immediately. Gas to surface throughout. No blow back during shut-in.
(SEE GAS VOLUME REPORT)

Recovered 40 ft. of gas cut mud = .569200 bbls. (Grind out: 25%-gas; 75%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 10:35 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 1:35 ~~P.M.~~ ^{A.M.} Maximum Temperature 123°

Initial Hydrostatic Pressure (A) 2082 P.S.I.

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

Initial Closed In Period Minutes 45 (D) 1038 P.S.I.

Final Flow Period Minutes 45 (E) 32 P.S.I. to (F) 35 P.S.I.

Final Closed In Period Minutes 60 (G) 970 P.S.I.

Final Hydrostatic Pressure (H) 2058 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L D DRILLING CO INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: GILES #1

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface:

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D596

Test Unit:

Start Date: 2009/08/20 Start Time: 20:15:00

End Date: 2009/08/21 End Time: 04:30:00

Report Date: 2009/08/21 Prepared By: JOHN RIEDL

Qualified By: KIM SHOEMAKER

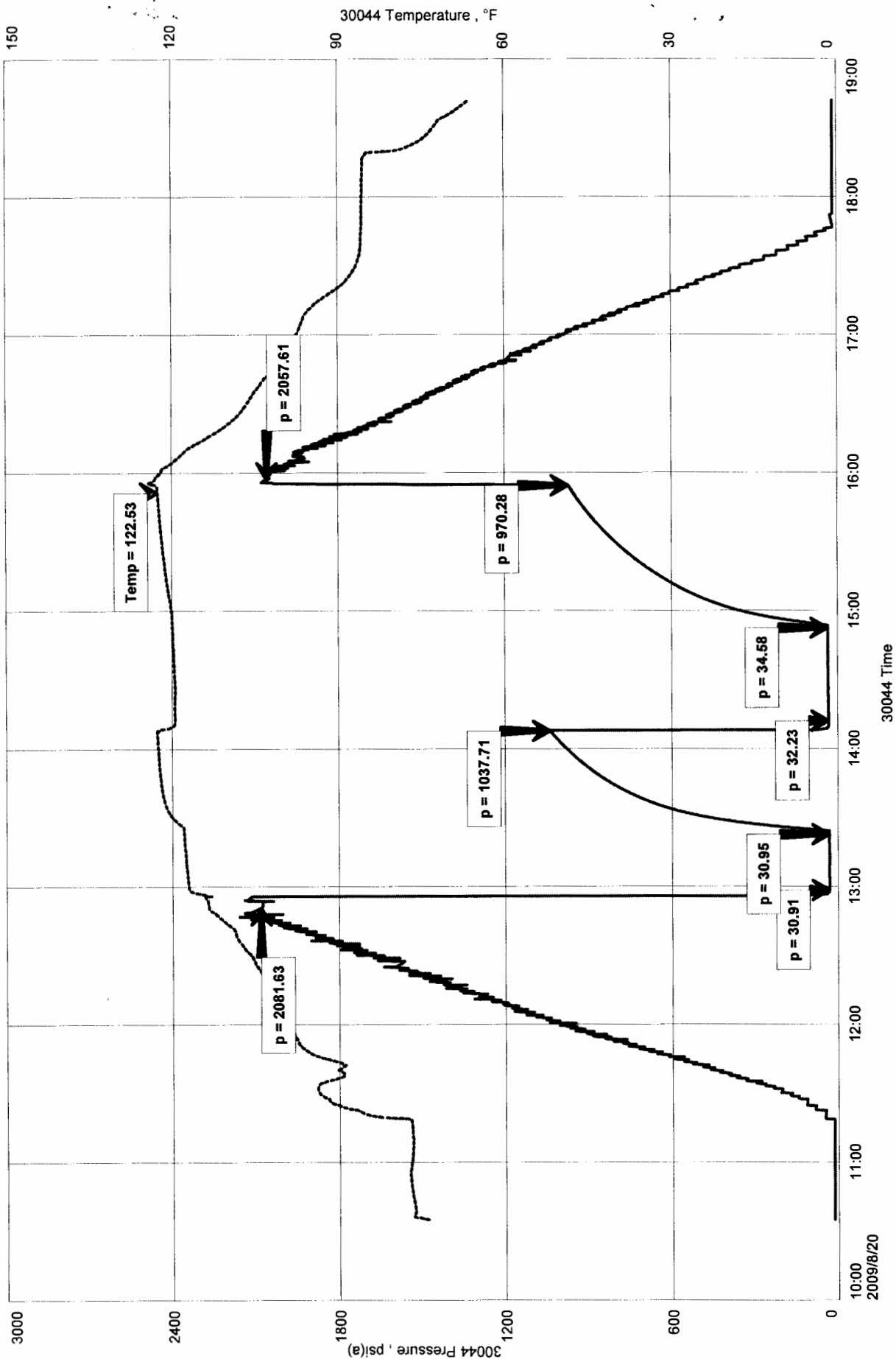
Remarks:

GAS TO SURFACE 20 MINUTES 1ST FLOW
RECOVERY: 40' GAS CUT MUD

GILES #1
Formation: MISSISSIPPI
Job Number: D596

L D DRILLING CO INC
Start Test Date: 2009/08/20
Final Test Date: 2009/08/21

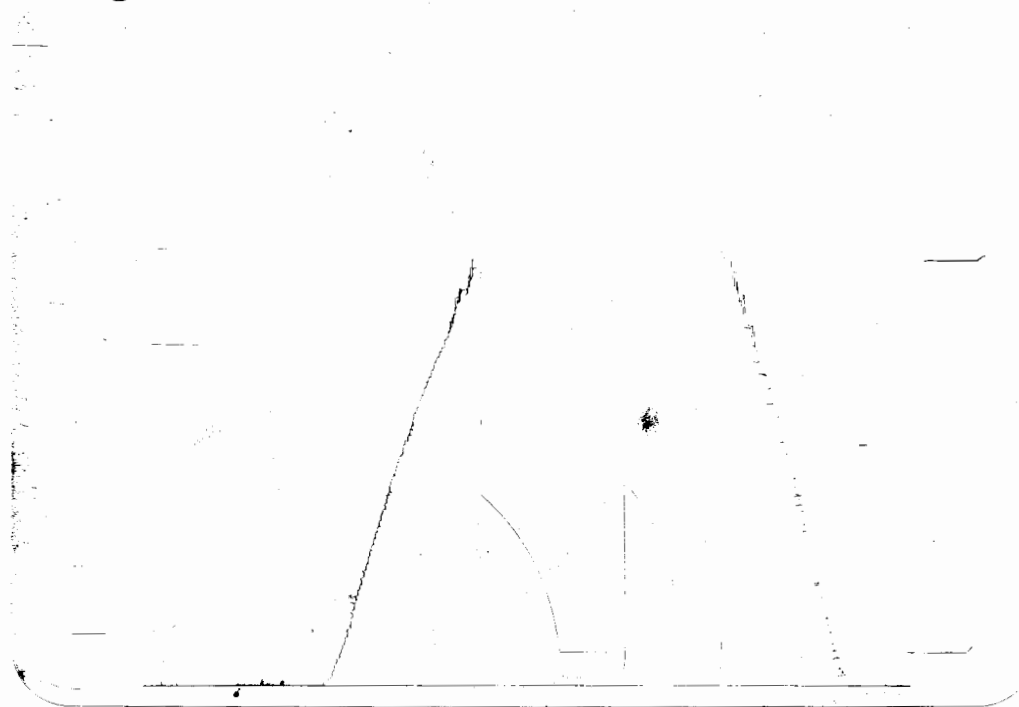
GILES #1



W.D.
GILDS #1

DST 2
8/21/09

REC 10017
OUTSIDE



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	2082	2082	PSI
(B) First Initial Flow Pressure.....	31	31	PSI
(C) First Final Flow Pressure	31	31	PSI
(D) Initial Closed-in Pressure	1038	1038	PSI
(E) Second Initial Flow Pressure.....	32	32	PSI
(F) Second Final Flow Pressure.....	35	35	PSI
(G) Final Closed-in Pressure.....	970	970	PSI
(H) Final Hydrostatic Mud.....	2058	2058	PSI



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30044.D597

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

Elevation 2040 KB Formation Mississippi Effective Pay -- Ft. Ticket No. J2395

Date 8-21-09 Sec. 3 Twp. 26S Range 15W County Pratt State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 4,374 ft. to 4,407 ft. Total Depth 4,407 ft.

Packer Depth 4,369 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,374 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,377 ft. Recorder Number 30044 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 4,404 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Duke Drilling Co., Inc. - Rig 9 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 48 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 8.6 cc. Drill Pipe Length 4,348 ft. I.D. 3 1/2 in.

Chlorides 4,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 2 Anchor Length 33 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 2 mins. Flushed tool. Received surge & then dead.

2nd Open: Did not run final flow or shut-in.

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

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 2:35 ^{XXM.} P.M. Time Started Off Bottom 3:35 ^{XXM.} P.M. Maximum Temperature 114°

Initial Hydrostatic Pressure (A) 2092 P.S.I.

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

Initial Closed In Period Minutes 30 (D) 70 P.S.I.

Final Flow Period Minutes 0 (E) -- P.S.I. to (F) -- P.S.I.

Final Closed In Period Minutes 0 (G) -- P.S.I.

Final Hydrostatic Pressure (H) 2081 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: GILES #1

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S3/26S/15W PRATT COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D597

Test Unit:

Start Date: 2009/08/21 Start Time: 12:40:00

End Date: 2009/08/21 End Time: 17:50:00

Report Date: 2009/08/21 Prepared By: JOHN RIEDL

Qualified By: KIM SHOEMAKER

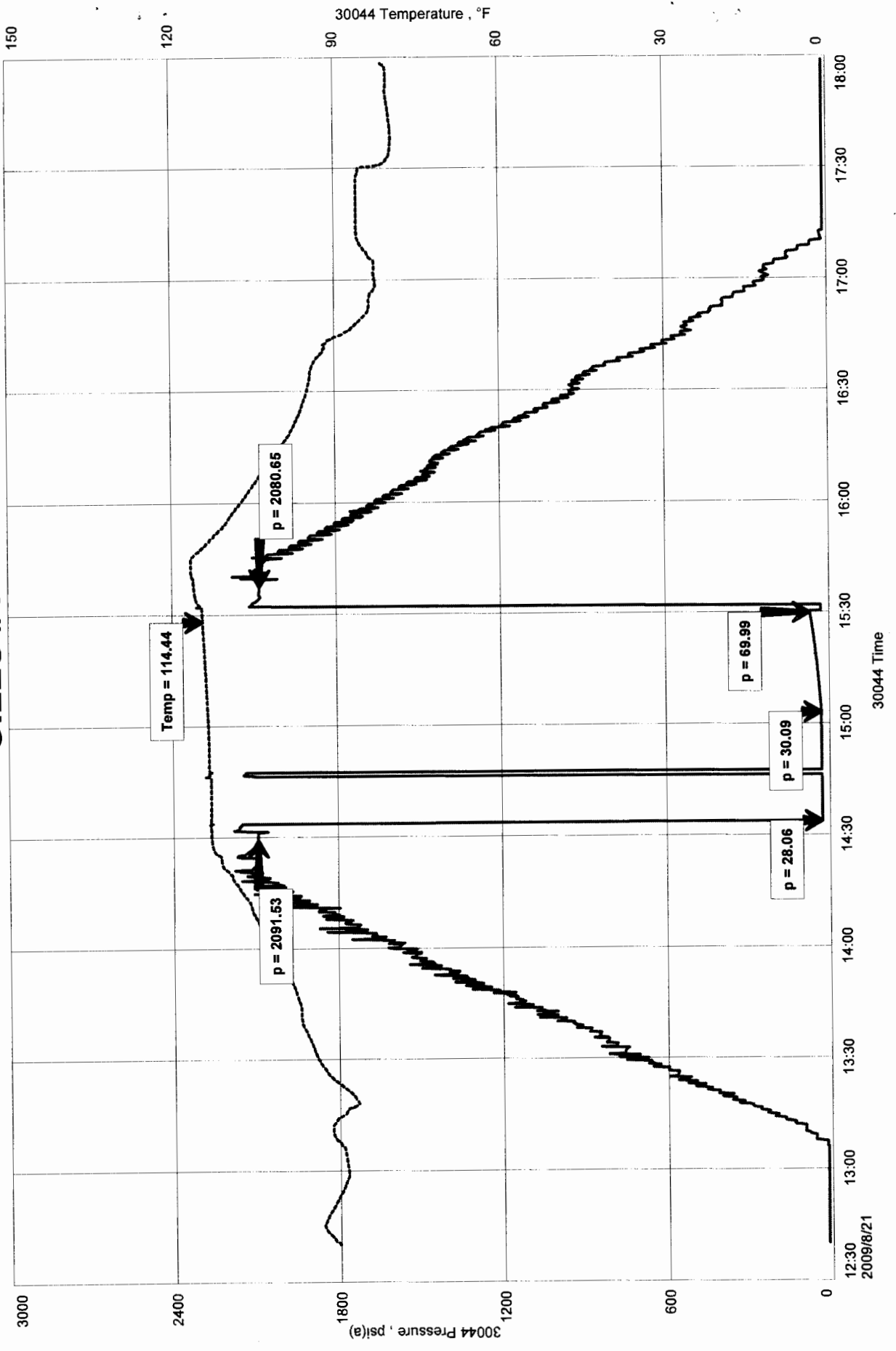
Remarks:

RECOVERY: 5' DRILLING MUD

GILES #1
Formation: MISSISSIPPI
Job Number: D597

GILES #1

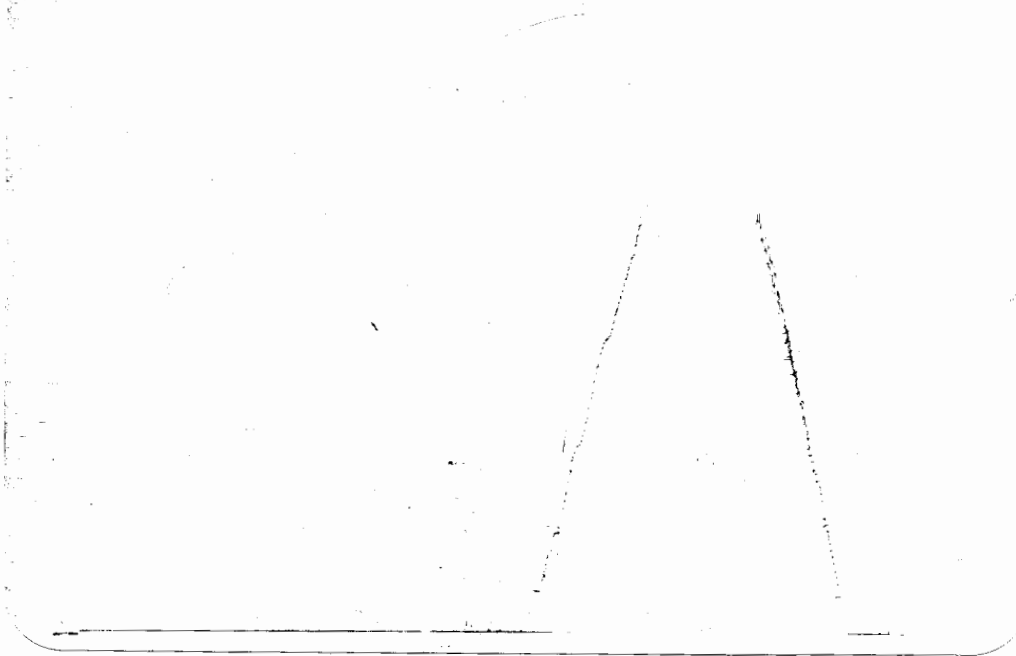
L D DRILLING INC
Start Test Date: 2009/08/21
Final Test Date: 2009/08/21



L.D.
G1005 #1

DST 3
9/21/89

RSC 11817
057510



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	2092	2092	PSI
(B) First Initial Flow Pressure	28	28	PSI
(C) First Final Flow Pressure	30	30	PSI
(D) Initial Closed-in Pressure	70	70	PSI
(E) Second Initial Flow Pressure	--	--	PSI
(F) Second Final Flow Pressure	--	--	PSI
(G) Final Closed-in Pressure	--	--	PSI
(H) Final Hydrostatic Mud	2081	2081	PSI