

DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D945

Company L. D. Drilling, Inc. Lease & Well No. Anthony "B" No. 3-27

Elevation 2211 KB Formation Kinderhook Sand Effective Pay Ft. Ticket No. J2740

Date 4-26-11 Sec. 27 Twp. 27S Range 18W County Kiowa State Kansas

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

Formation Test No. 1 Interval Tested from 4,742 ft. to 4,822 ft. Total Depth 4,822 ft.

Packer Depth 4,737 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 4,742 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,745 ft. Recorder Number 30046 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 4,819 ft. Recorder Number 11073 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

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

Mud Type Chemical Viscosity 45 Weight Pipe Length ft. I.D. in.

Weight 9.5 Water Loss 12.8 cc. Drill Pipe Length 4,716 ft. I.D. 3 1/2 in.

Chlorides 5,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IE in.

Jars: Make Sterling Serial-Number 2 Anchor Length 80 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 3/8 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. Gas to surface in 18 mins. Strong blow back during shut-in.
2nd Open: Strong blow. Gas to surface throughout. Strong blow back during shut-in.

Recovered 230 ft. of muddy gassy oil = 3.27900 bbls. (Grind out: 20%-mud; 30%-gas; 50%-oil)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Gas gauged a constant 5 MCF/D

Time Set Packer(s) 10:20 ^{XX.}P.M. Time Started Off Bottom 1:20 ^{A.M.}XX. Maximum Temperature 126°

Initial Hydrostatic Pressure (A) 2334 P.S.I.

Initial Flow Period Minutes 30 (B) 65 P.S.I. to (C) 91 P.S.I.

Initial Closed In Period Minutes 45 (D) 263 P.S.I.

Final Flow Period Minutes 45 (E) 94 P.S.I. to (F) 106 P.S.I.

Final Closed In Period Minutes 60 (G) 121 P.S.I.

Final Hydrostatic Pressure (H) 2302 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: 3-27 ANTHONY "B"

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S27/27S/18W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D945

Test Unit:

Start Date: 2011/04/26 Start Time: 19:45:00

End Date: 2011/04/27 End Time: 04:15:00

Report Date: 2011/04/27 Prepared By: JOHN RIEDL

Qualified By: KIM SHOEMAKER

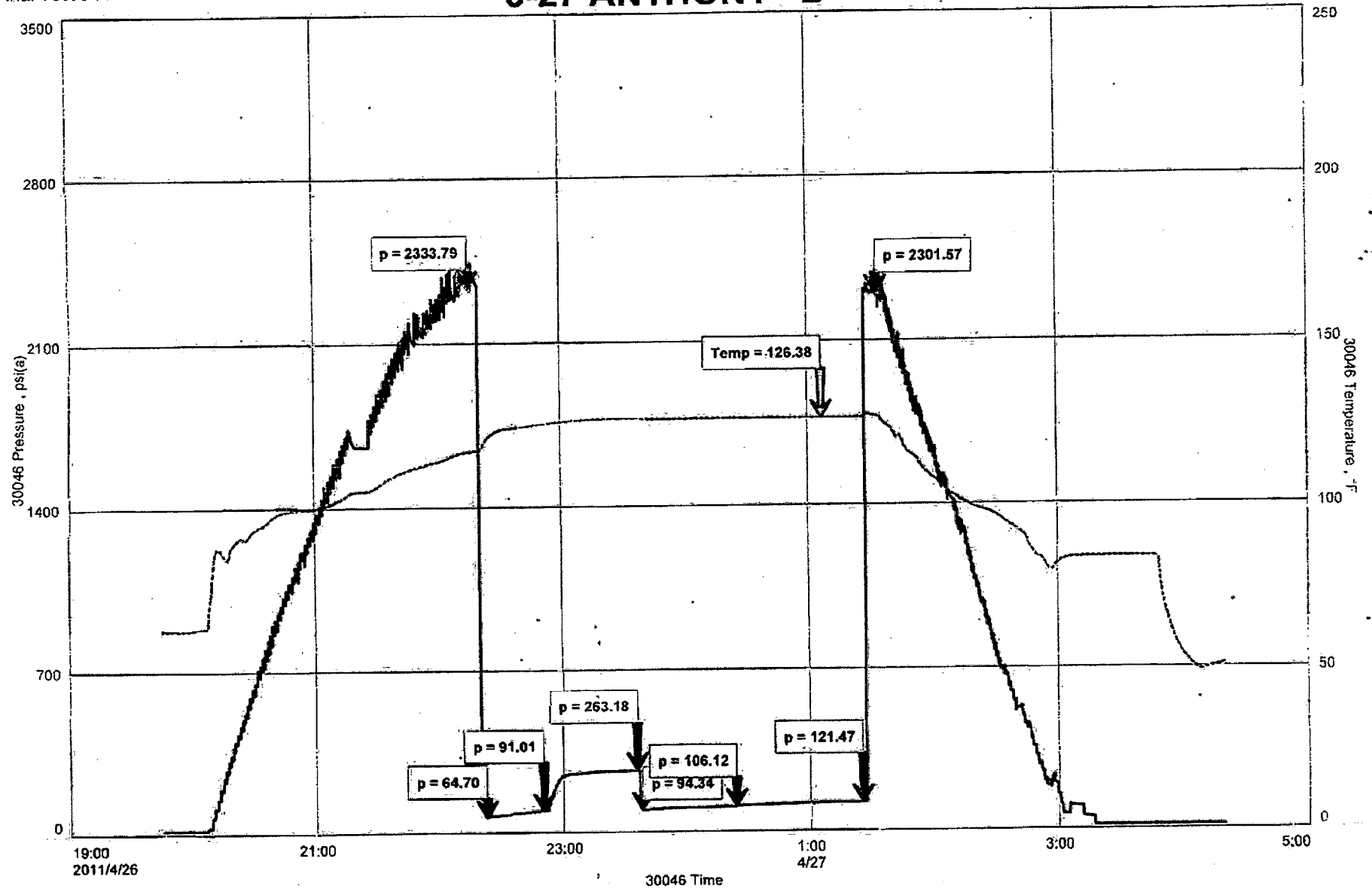
Remarks:

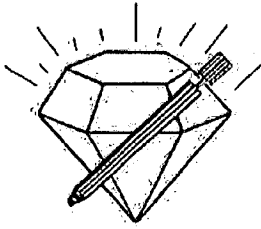
REMARKS: GAS TO SURFACE 1ST FLOW ;GUAGES 5 MCF/D
RECOVERY: 230' MUD CUT GASSY OIL IN DRILL PIPE

L D DRILLING INC
Start Test Date: 2011/04/26
Final Test Date: 2011/04/27

3-27 ANTHONY "B"
Formation: KINDERHOOK SAND
Job Number: D945

3-27 ANTHONY "B"





DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D946

Company L. D. Drilling, Inc. Lease & Well No. Anthony "B" No. 3-27
Elevation 2211 KB Formation Kinderhook Sand Effective Pay -- Ft. Ticket No. J2741
Date 4-27-11 Sec. 27 Twp. 27S Range 18W County Kiowa State Kansas

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

Formation Test No. 2 Interval Tested from 4,819 ft. to 4,852 ft. Total Depth 4,852 ft.
Packer Depth 4,814 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,819 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.
Top Recorder Depth (Inside) 4,822 ft. Recorder Number 30046 Cap. 6,000 psi
Bottom Recorder Depth (Outside) 4,849 ft. Recorder Number 11073 Cap. 4,000 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Val Energy, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 50 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.0 Water Loss 12.0 cc. Drill Pipe Length 4,793 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 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: Strong blow. Off bottom of bucket in 20 mins. No blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket in 25 mins. No blow back during shut-in.

Recovered 620 ft. of mud cut water = 8.822600 bbls. (Grind out: 5%-mud; 95%-water) Chlorides: 60,000 Ppm

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

Remarks

Time Set Packer(s)	<u>2:50</u>	<u>AM</u>	Time Started Off Bottom	<u>5:50</u>	<u>P.M.</u>	Maximum Temperature	<u>131°</u>
Initial Hydrostatic Pressure			(A)	<u>2352</u>		P.S.I.	
Initial Flow Period		Minutes	<u>30</u>	(B)	<u>39</u>	P.S.I. to (C)	<u>134</u> P.S.I.
Initial Closed In Period		Minutes	<u>45</u>	(D)	<u>1166</u>	P.S.I.	
Final Flow Period		Minutes	<u>45</u>	(E)	<u>143</u>	P.S.I. to (F)	<u>249</u> P.S.I.
Final Closed In Period		Minutes	<u>60</u>	(G)	<u>1147</u>	P.S.I.	
Final Hydrostatic Pressure			(H)	<u>2319</u>		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: 3-27 ANTHONY "B"

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S27/27S/18W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D946

Test Unit:

Start Date: 2011/04/27 Start Time: 12:50:00

End Date: 2011/04/27 End Time: 20:00:00

Report Date: 2011/04/27 Prepared By: JOHN RIEDL

Qualified By: KIM SHOEMAKER

Remarks:

RECOVERY: 620' WATER

L D DRILLING INC
Start Test Date: 2011/04/27
Final Test Date: 2011/04/27

3-27 ANTHONY "B"
Formation: KINDERHOOK SAND
Job Number: D946

3-27 ANTHONY "B"

