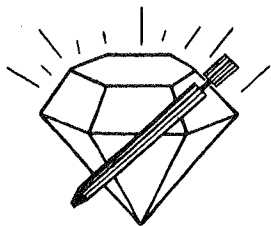


15-009-25448

21-17s-14w



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 30046.D800

Page 1 of 2 Pages

Company Hupfer Operating, Inc. Lease & Well No. Morgenstern "B" No. 2Elevation 1880 GL Formation Lansing/Kansas City Effective Pay --Ft. Ticket No. J2592Date 8-13-10 Sec. 21 Twp. 17S Range 14W County Barton State KansasTest Approved By James C. Musgrove Diamond Representative John C. RiedlFormation Test No. 1 Interval Tested from 3,117 ft. to 3,193 ft. Total Depth 3,193 ft.Packer Depth 3,112 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.Packer Depth 3,117 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.Depth of Selective Zone Set ft.Top Recorder Depth (Inside) 3,120 ft. Recorder Number 30046 Cap. 6,000 psiBottom Recorder Depth (Outside) 3,190 ft. Recorder Number 11073 Cap. 4,000 psiBelow Straddle Recorder Depth ft. Recorder Number Cap. psiDrilling Contractor Discovery Drilling - Rig 2 Drill Collar Length 30 ft. I.D. 2 1/4 in.Mud Type Chemical Viscosity 47 Weight Pipe Length -- ft. I.D. -- in.Weight 9.3 Water Loss 10.8 cc. Drill Pipe Length 3,067 ft. I.D. 3 1/2 in.Chlorides 4,800 P.P.M. Test Tool Length 20 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: Weak, 1/2 in., blow. No blow back during shut-in.2nd Open: No blow. No blow back during shut-in.Recovered 15 ft. of drilling mud = .147600 bbls.Recovered ft. ofRecovered ft. ofRecovered ft. ofRecovered ft. of

Remarks

Time Set Packer(s) 10:00 AM. P.M. Time Started Off Bottom 12:00 AM. P.M. Maximum Temperature 110°Initial Hydrostatic Pressure (A) 1520 P.S.I.Initial Flow Period Minutes 30 (B) 26 P.S.I. to (C) 32 P.S.I.Initial Closed In Period Minutes 30 (D) 173 P.S.I.Final Flow Period Minutes 30 (E) 34 P.S.I. to (F) 36 P.S.I.Final Closed In Period Minutes 30 (G) 136 P.S.I.Final Hydrostatic Pressure (H) 1494 P.S.I.

GENERAL INFORMATION

Client Information:

Company: HUPFER OPERATING INC
Contact: DENNIS HUPFER
Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE
Phone: Fax: e-mail:

Well Information:

Name: MORGENSTERN "B" #2
Operator: HUPFER OPERATING INC
Location-Downhole:
Location-Surface: S21/17S/14W BARTON CTY

Test Information:

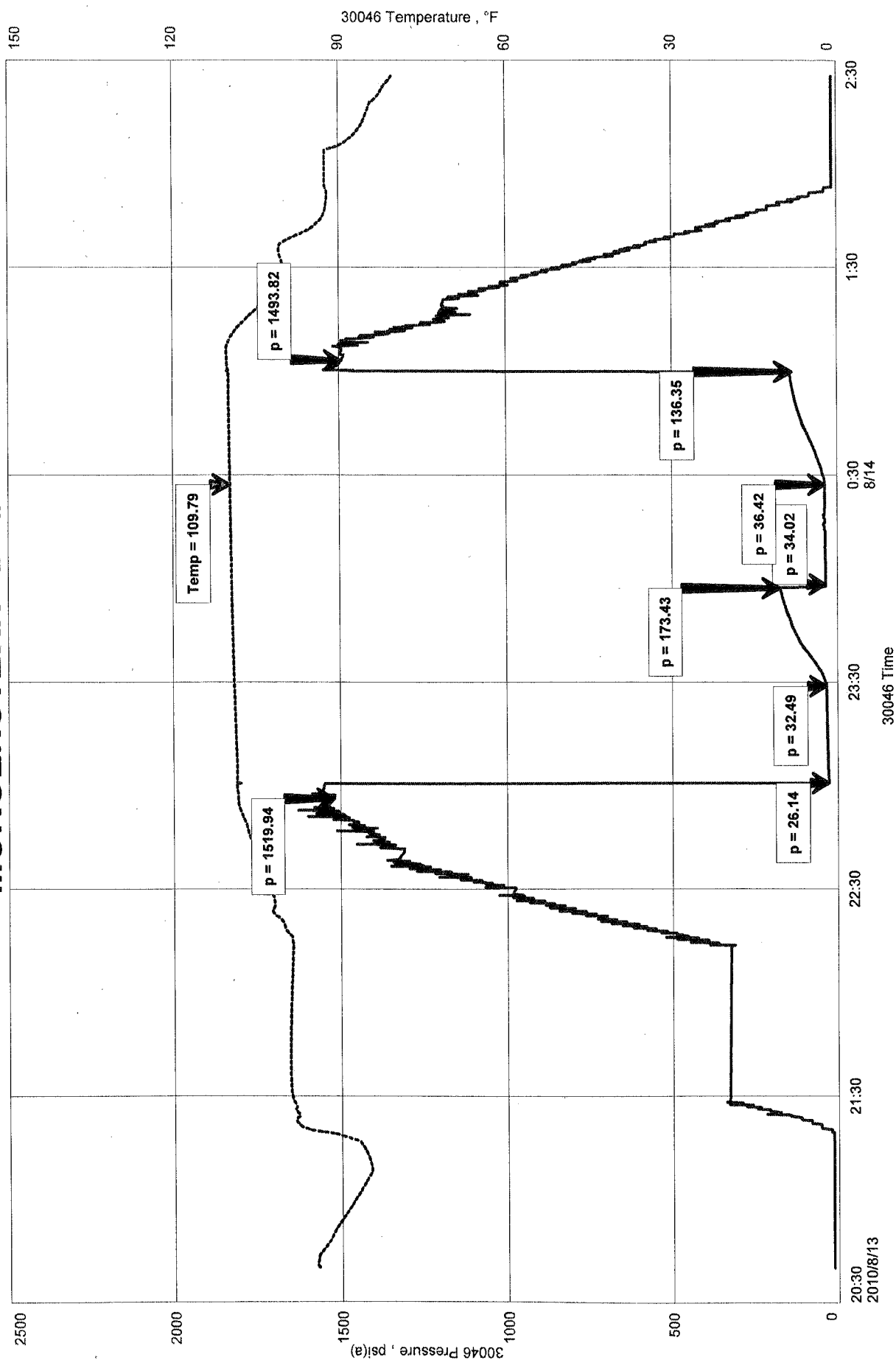
Company: DIAMOND TESTING
Representative: JOHN RIEDL
Supervisor: JIM MUSGROVE
Test Type: CONVENTIONI Job Number: D800
Test Unit:
Start Date: 2010/08/13 Start Time: 20:40:00
End Date: 2010/08/13 End Time: 01:20:00
Report Date: 2010/08/14 Prepared By: JOHN RIEDL
Remarks: Qualified By: JIM MUSGROVE

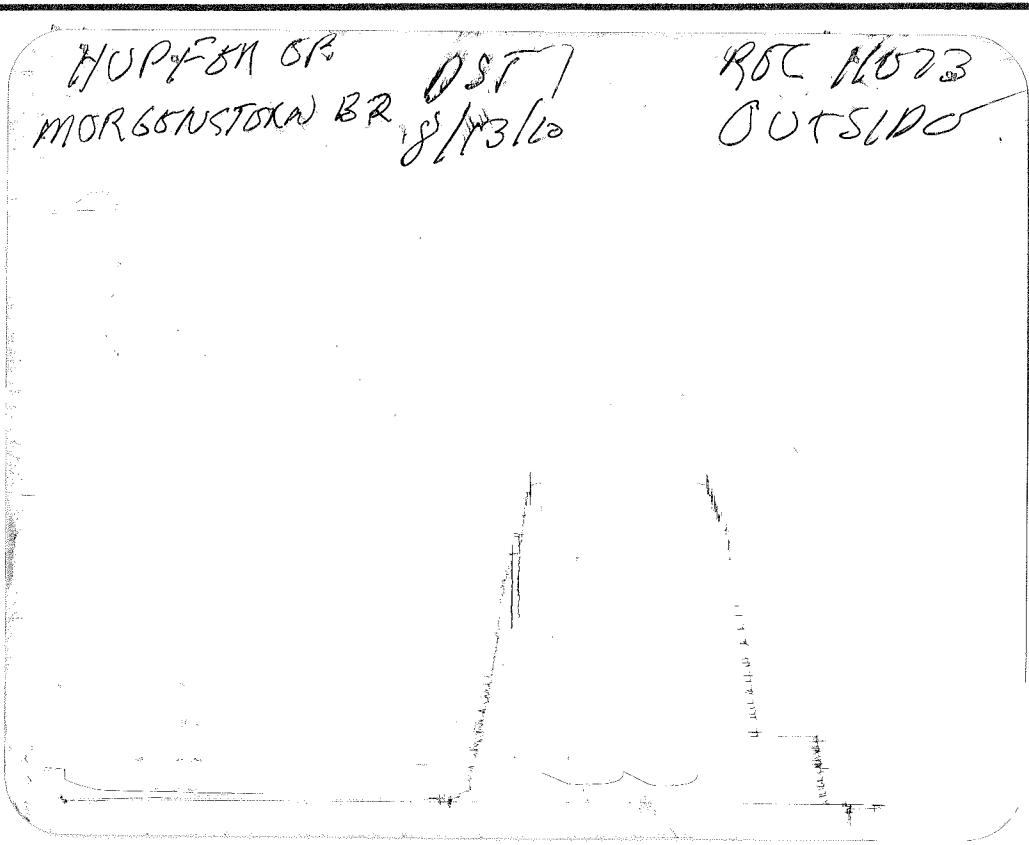
RECOVERY: 15' DRILLING MUD

MORGENSTERN "B" #2
Formation: LKC
Job Number: D800

HUPFER OPERATING INC
Start Test Date: 2010/08/13
Final Test Date: 2010/08/13

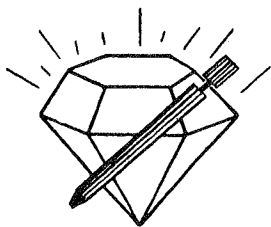
MORGENSTERN "B" #2





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec.
	Field	Office	
	Reading	Reading	
(A) Initial Hydrostatic Mud	1520	1520	PSI
(B) First Initial Flow Pressure.....	26	26	PSI
(C) First Final Flow Pressure	32	32	PSI
(D) Initial Closed-in Pressure	173	173	PSI
(E) Second Initial Flow Pressure	34	34	PSI
(F) Second Final Flow Pressure.....	36	36	PSI
(G) Final Closed-in Pressure.....	136	136	PSI
(H) Final Hydrostatic Mud	1494	1494	PSI



DIAMOND TESTING

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STC 30046.D801

Page 1 of 2 Pages

Company Hupfer Operating, Inc. Lease & Well No. Morgenstern "B" No. 2
Elevation 1880 GL Formation Arbuckle Effective Pay -- Ft. Ticket No. J2593
Date 8-14-10 Sec. 21 Twp. 17S Range 14W County Barton State Kansas
Test Approved By James C. Musgrove Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,297 ft. to 3,373 ft. Total Depth 3,373 ft.

Packer Depth 3,292 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,297 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,300 ft. Recorder Number 30046 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 3,370 ft. Recorder Number 11073 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Discovery Drilling - Rig 2 Drill Collar Length 30 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 47 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.4 Water Loss 10.4 cc. Drill Pipe Length 3,247 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 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: Very weak, 1/8 in., blow. Dead in 15 mins. No blow back during shut-in.

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

Recovered 20 ft. of oil cut mud = .098400 bbls. (Grind out: 10%-oil; 90%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 6:35 ^{AXM.} P.M. Time Started Off Bottom 8:10 ^{AXM.} P.M. Maximum Temperature 111°

Initial Hydrostatic Pressure 1659 P.S.I. (A)

Initial Flow Period 20 Minutes (B) 32 P.S.I. to (C) 37 P.S.I.

Initial Closed In Period 30 Minutes (D) 838 P.S.I.

Final Flow Period 15 Minutes (E) 40 P.S.I. to (F) 42 P.S.I.

Final Closed In Period 30 Minutes (G) 746 P.S.I.

Final Hydrostatic Pressure 1618 P.S.I. (H)

GENERAL INFORMATION

Client Information:

Company: HUPFER OPERATING INC

Contact: DENNIS HUPFER

Phone: Fax: e-mail:

Site Information:

Contact: JIM USGROVE

Phone: Fax: e-mail:

Well Information:

Name: MORGENSTERN B #2

Operator: HUPFER OPERATING INC

Location-Downhole:

Location-Surface: S21/17S/14W BARTON CTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL

Job Number: D801

Test Unit:

Start Date: 2010/08/14

Start Time: 16:30:00

End Date: 2010/08/14

End Time: 20:00:40

Report Date: 2010/08/14

Prepared By: JOHN RIEDL

Remarks:

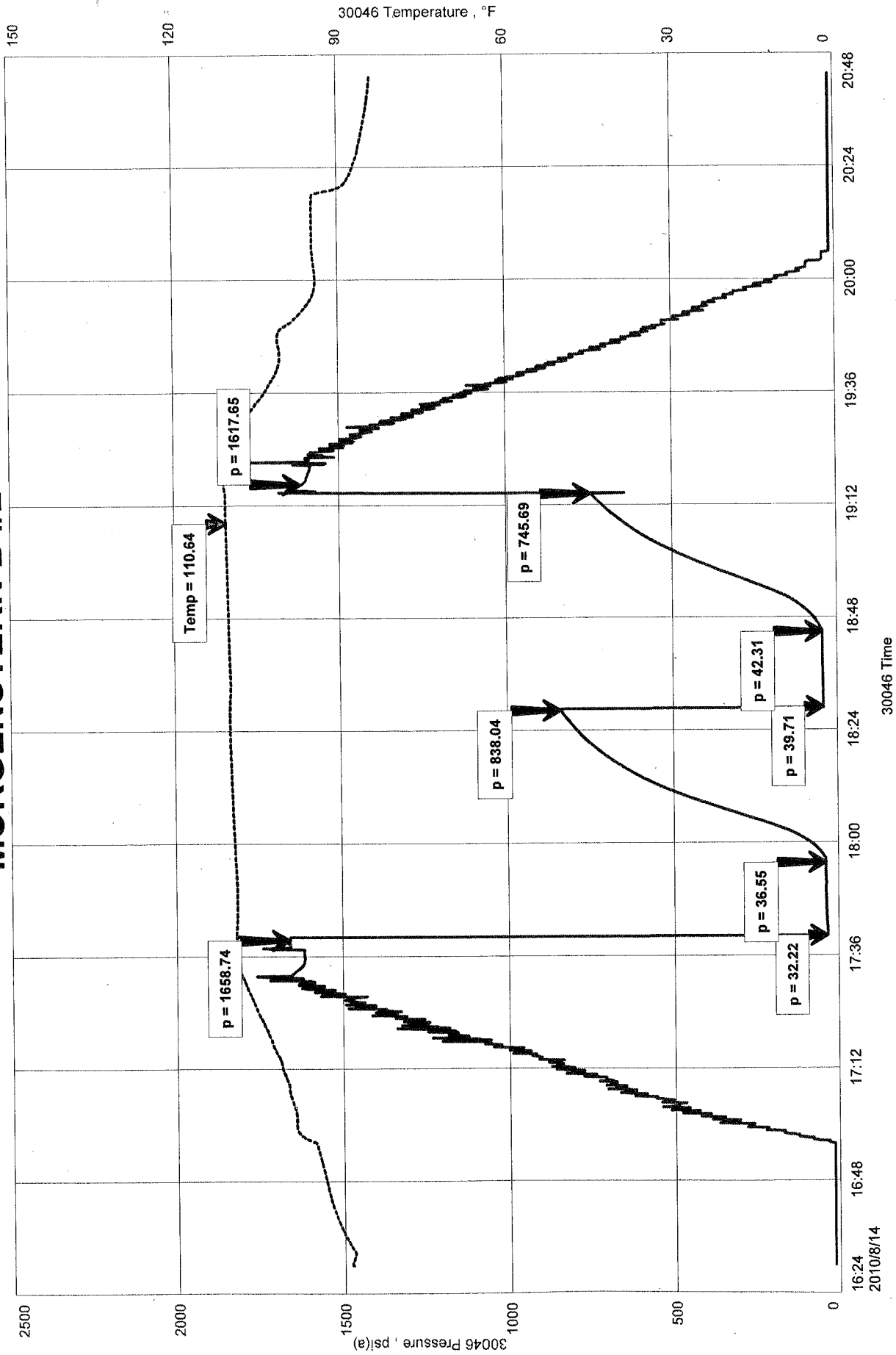
Qualified By: JIM MUSGROVE

RECOVERY: 20' OIL CUT MUD

HUPFER OPERATING INC
Start Test Date: 2010/08/14
Final Test Date: 2010/08/14

MORGENSTERN B #2

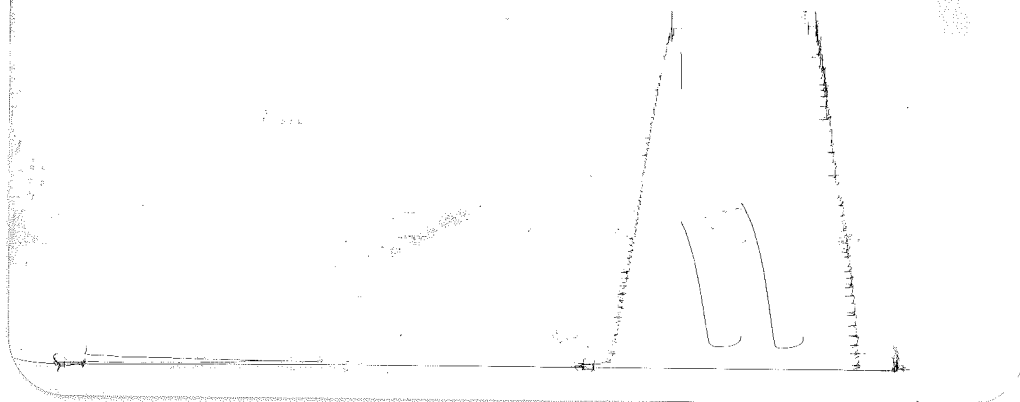
MORGENSTERN B #
Formation: ARBUCKLE
Job Number: D80



WOPPER OBLN
WISL GONSTORW B2

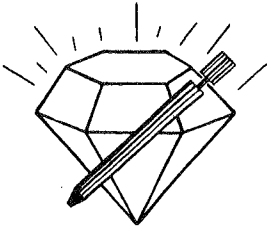
DST 2
8/14/10

REF 11073
OUTSIDE



This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1659	1659
(B) First Initial Flow Pressure.....	32	32
(C) First Final Flow Pressure	37	37
(D) Initial Closed-in Pressure	838	838
(E) Second Initial Flow Pressure	40	40
(F) Second Final Flow Pressure.....	42	42
(G) Final Closed-in Pressure.....	746	746
(H) Final Hydrostatic Mud	1618	1618



DIAMOND TESTING

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Page 1 of 2 Pages

Company Hupfer Operating, Inc. Lease & Well No. Morgenstern "B" No. 2

Elevation 1880 GL Formation Arbuckle Effective Pay -- Ft. Ticket No. J2594

Date 8-15-10 Sec. 21 Twp. 17S Range 14W County Barton State Kansas

Test Approved By James C. Musgrove Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 3,298 ft. to 3,381 ft. Total Depth 3,381 ft.

Packer Depth 3,293 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,298 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,301 ft. Recorder Number 30046 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 3,378 ft. Recorder Number 11073 Cap. 4,000 psi

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Discovery Drilling - Rig 2 Drill Collar Length 30 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 47 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.4 Water Loss 10.4 cc. Drill Pipe Length 3,248 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 83 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 10 mins. No blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 10 mins. No blow back during shut-in.

Recovered 180 ft. of gas in pipe

Recovered 400 ft. of slightly mud cut gassy oil = 5.412700 bbls. (Grind out: 10%-mud; 20%-gas; 70%-oil)

Recovered 400 ft. of TOTAL FLUID = 5.412700 bbls. Gravity: 37 @ 60°

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 2:20 A.M. Time Started Off Bottom 4:50 A.M. Maximum Temperature 109°

Initial Hydrostatic Pressure (A) 1676 P.S.I.

Initial Flow Period Minutes 30 (B) 41 P.S.I. to (C) 119 P.S.I.

Initial Closed In Period Minutes 45 (D) 956 P.S.I.

Final Flow Period Minutes 30 (E) 130 P.S.I. to (F) 192 P.S.I.

Final Closed In Period Minutes 45 (G) 937 P.S.I.

Final Hydrostatic Pressure (H) 1608 P.S.I.

GENERAL INFORMATION

Client Information:

Company: HUPFER OPERATING INC

Contact: DENNIS HUPFER

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: MORGENSTERN "B" #2

Operator: HUPFER OPERATING INC

Location-Downhole:

Location-Surface: S21/17S/14W BARTON CTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL

Job Number: D801

Test Unit:

Start Date: 2010/08/15

Start Time: 01:00:00

End Date: 2010/08/15

End Time: 07:00:00

Report Date: 2010/08/15

Prepared By: JOHN RIEDL

Remarks:

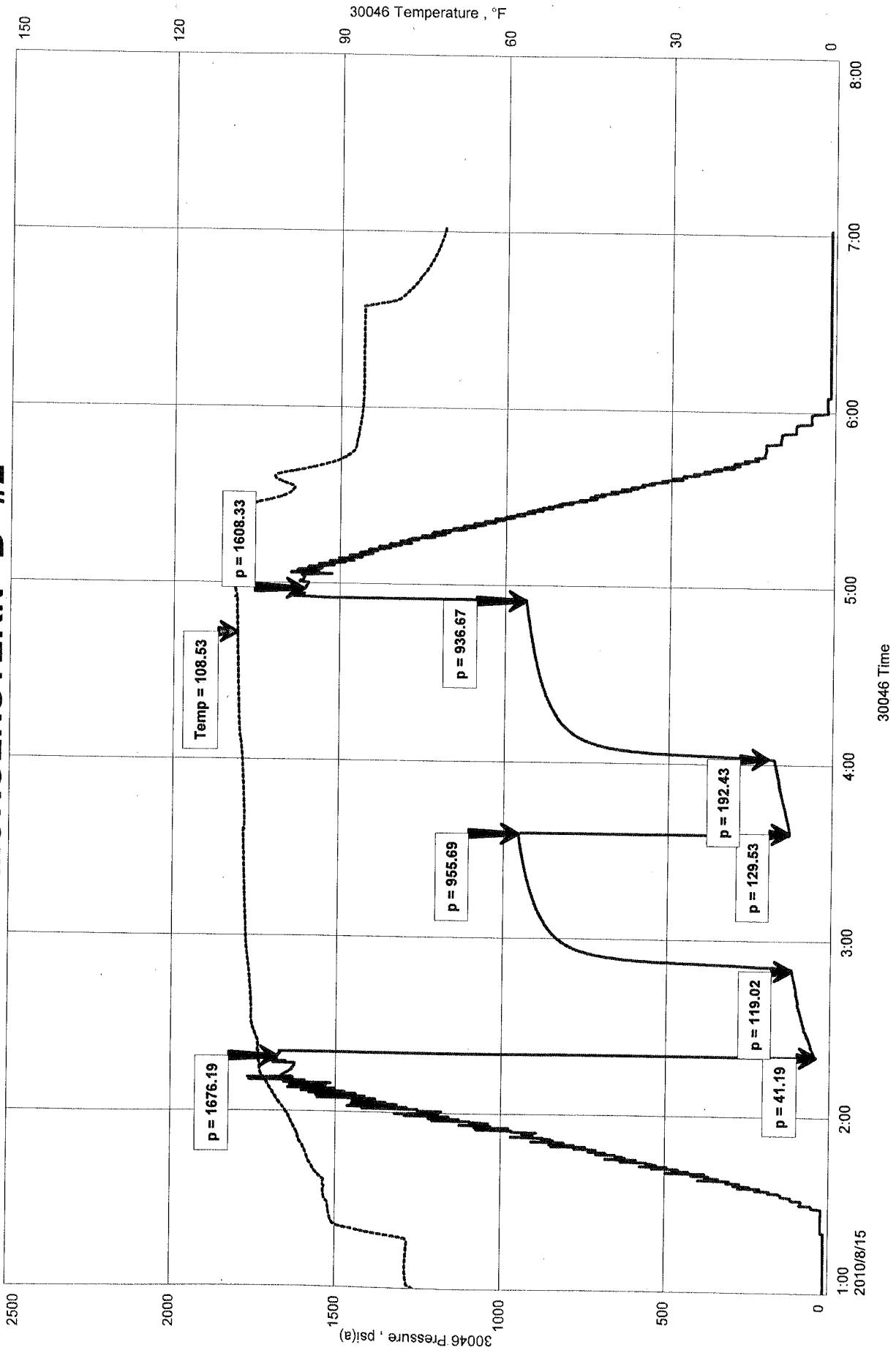
Qualified By: JIM MUSGROVE

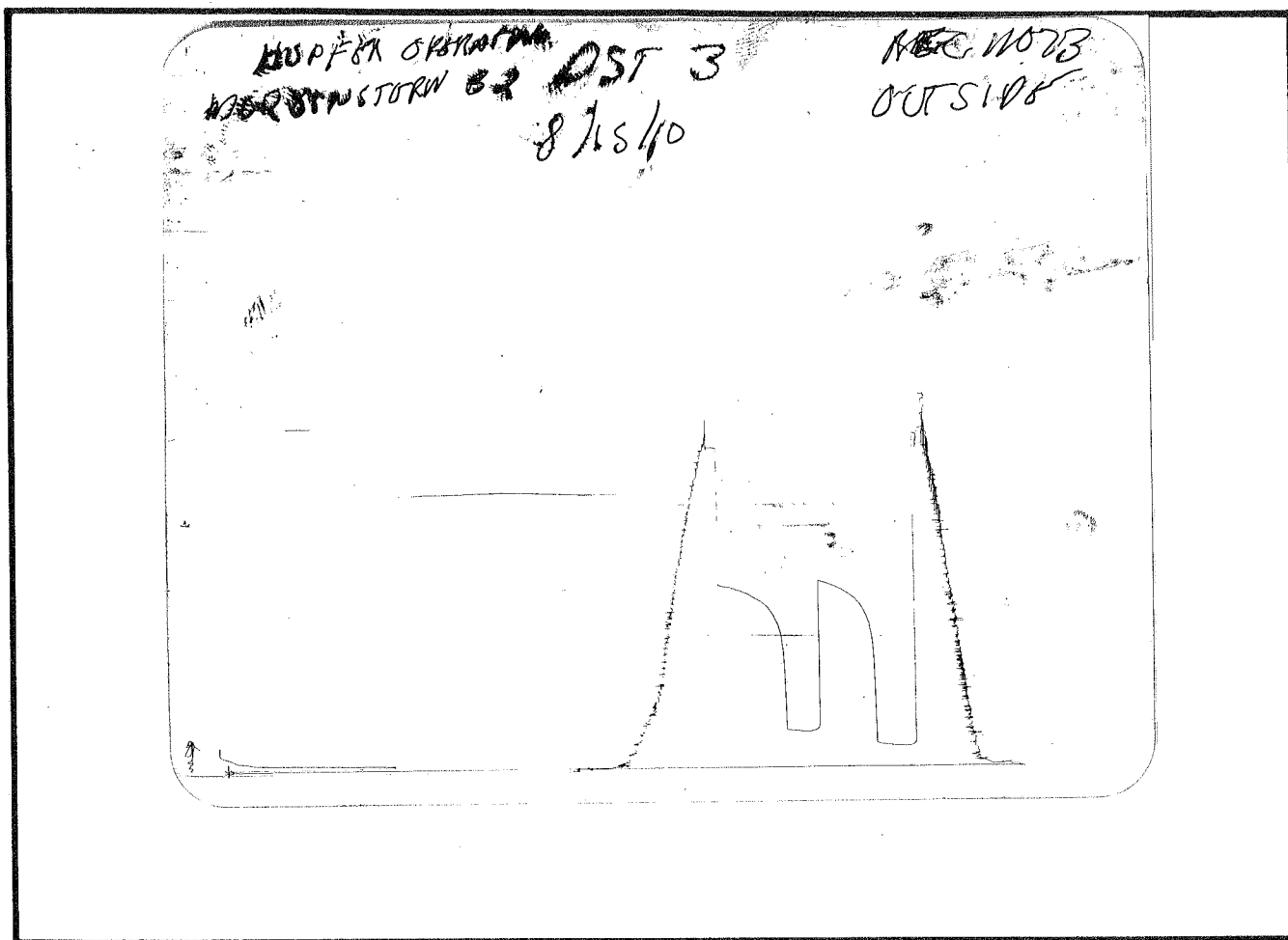
RECOVERY: 180' GAS IN PIPE, 400' SLIGHTLY MUD CUT GASSY OIL

HUPFER OPERATING INC
Start Test Date: 2010/08/15
Final Test Date: 2010/08/15

MORGENSTERN "B" #2
Formation: ARBUCKLE
Job Number: D801

MORGENSTERN "B" #2





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec.
	Field	Office	
	Reading	Reading	
(A) Initial Hydrostatic Mud	1676	1676	PSI
(B) First Initial Flow Pressure.....	41	41	PSI
(C) First Final Flow Pressure	119	119	PSI
(D) Initial Closed-in Pressure	956	956	PSI
(E) Second Initial Flow Pressure	130	130	PSI
(F) Second Final Flow Pressure.....	192	192	PSI
(G) Final Closed-in Pressure.....	937	937	PSI
(H) Final Hydrostatic Mud	1608	1608	PSI