



15-095-22060

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21108.D371

Page 1 of 3 Pages

Company Vess Oil Corporation Lease & Well No. Lecklider No. 4
Elevation 1562KB Formation Topeka Effective Pay -- Ft. Ticket No. J1974
Date 11-06-06 Sec. 23 Twp. 29S Range 7W County Kingman State Kansas
Test Approved By Kim Shoemaker Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 2,700 ft. to 2,730 ft. Total Depth 2,730 ft.

Packer Depth 2,695 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 2,700 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 2,703 ft. Recorder Number 21108 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 2,727 ft. Recorder Number 11017 Cap. 4,000 psi

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

Drilling Contractor C & G Drilling Co. - Rig 2 Drill Collar Length 180 ft. I.D. 2 1/4 in.

Mud Type Chemical - Viscosity -- Weight Pipe Length -- ft. I.D. -- in.
spotted on bottom

Weight -- Water Loss -- cc. Drill Pipe Length 2,494 ft. I.D. 3 1/2 in.

Chlorides 81,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number No. 2 Anchor Length 30 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. Good blow back during shut-in.

2ns Open: Strong blow. Off bottom of bucket in 30 secs. Gas to surface in 20 mins. (SEE GAS VOLUME REPORT.)

Recovered 280 ft. of muddy water = 2.305600 bbls. (Grind out: 40%-mud; 60%-water) Chlorides: 36,000 Ppm
(Resistivity: .28 @ 50°)

Recovered -- ft. of

Recovered -- ft. of

Recovered -- ft. of

Recovered -- ft. of

Remarks

Time Set Packer(s) 7:02 XXM. P.M. Time Started Off Bottom 10:02 XXM. P.M. Maximum Temperature 102°

Initial Hydrostatic Pressure (A) 1450 P.S.I.

Initial Flow Period Minutes 30 (B) 41 P.S.I. to (C) 92 P.S.I.

Initial Closed In Period Minutes 45 (D) 1059 P.S.I.

Final Flow Period Minutes 45 (E) 83 P.S.I. to (F) 122 P.S.I.

Final Closed In Period Minutes 60 (G) 1057 P.S.I.

Final Hydrostatic Pressure (H) 1406 P.S.I.

Company Vess Oil Corporation Lease & Well No. Lecklider No. 4
Date 11-6-06 Sec. 23 Twp. 29S Rge. 7 W Location C SW NE County Kingman State KS
Drilling Contractor C & G Drilling Co. - Rig 2 Formation Topeka DST No. 1
Remarks: 1st Open: N/A 2nd Open: Gas to surface in 20 mins. Gas sample taken. Gas burned.

GENERAL INFORMATION

Client Information:

Company: VESS OIL CORP

Contact: BILL HORIGAN

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: LECKLIDER #4

Operator: VESS OIL CORP

Location-Downhole: DST #1 2700 TO 2730

Location-Surface: S23/29S/7W KINGMAN COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D371

Test Unit: 2

Start Date: 2006/11/06 Start Time: 17:47:00

End Date: 2006/11/07 End Time: 00:15:00

Report Date: 2006/11/07 Prepared By: JOHN RIEDL

Remarks: Qualified By: KIM SHOEMAKER

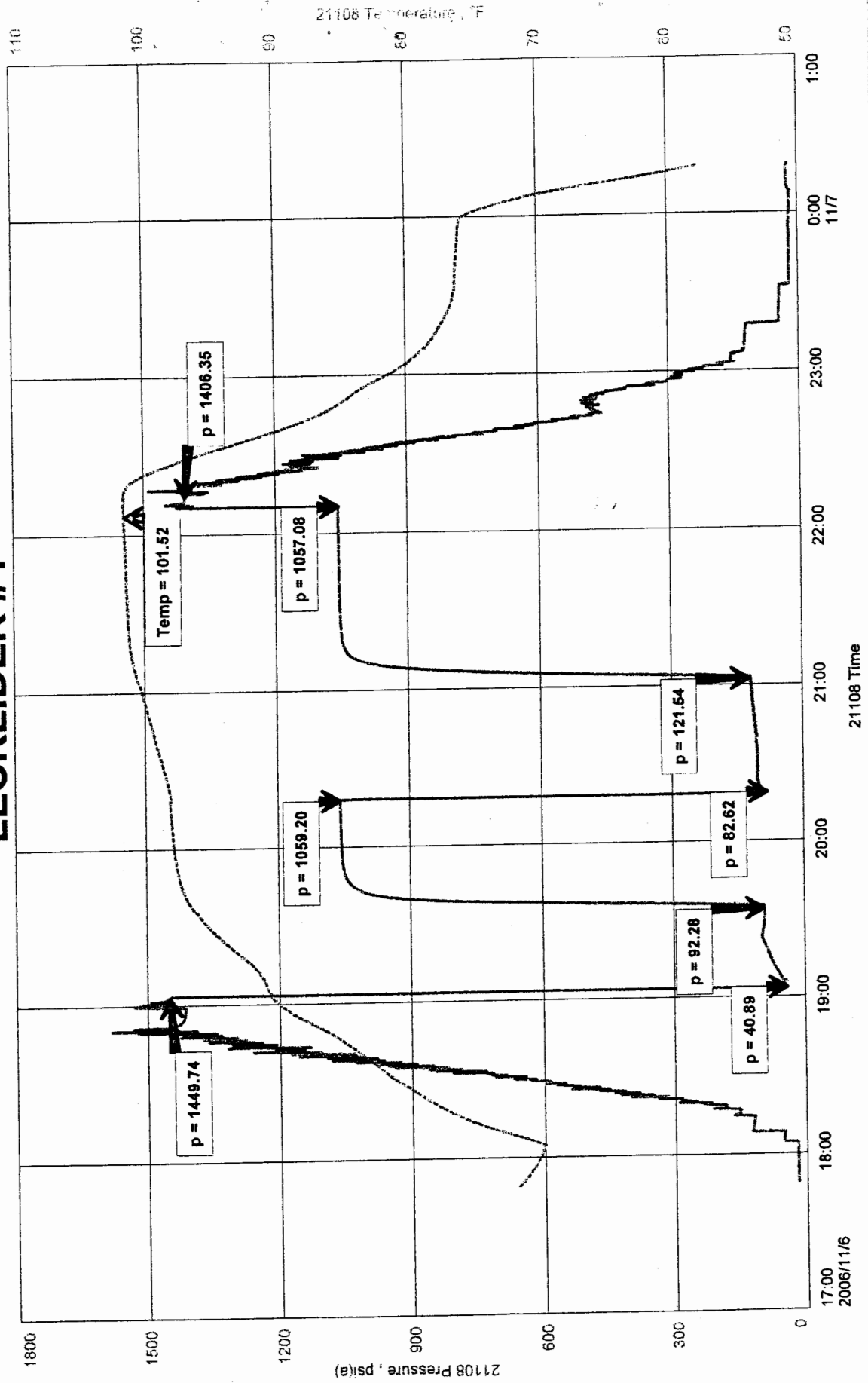
GTS 20 MINUTES 2ND FLOW STABILIZED@ 12,900 CF/D
RECOVERY: 280' MW (40%MUD 60%WATER) CHLORIDES 36,000Ppm
TOTAL REC: 280' ()100' IN D.P 180' IN D.C)

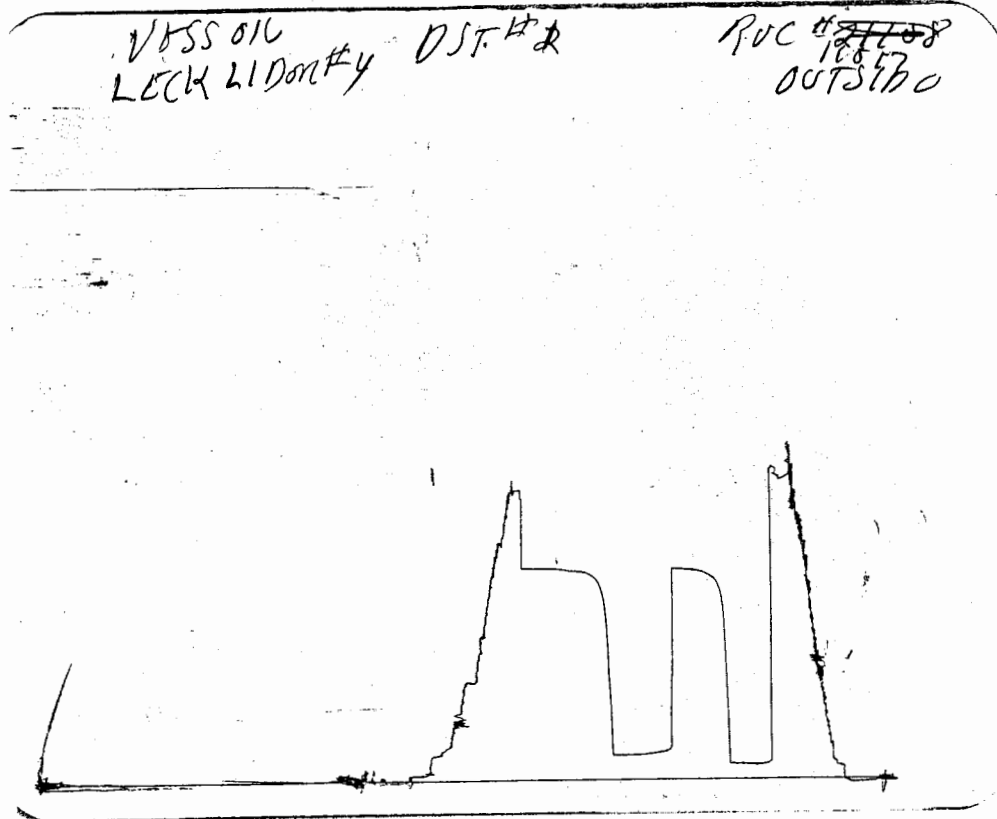
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LECKLIDER #4
Formation: TOPEKA
Job Number: D371

VESS OIL CORP
DST #1 2700 TO 2730
Start Test Date: 2006/11/06
Final Test Date: 2006/11/07

LECKLIDER #4





This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1450	1450
(B) First Initial Flow Pressure.....	41	41
(C) First Final Flow Pressure	92	92
(D) Initial Closed-in Pressure	1059	1059
(E) Second Initial Flow Pressure.....	83	83
(F) Second Final Flow Pressure.....	122	122
(G) Final Closed-in Pressure.....	1057	1057
(H) Final Hydrostatic Mud.....	1406	1406



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STC 21108.D 372

Page 1 of 2 Pages

Company Vess Oil Corporation Lease & Well No. Lecklider No. 4
Elevation 1562KB Formation Mississippi Effective Pay -- Ft. Ticket No. J1975
Date 11-11-06 Sec. 23 Twp. 29S Range 7W County Kingman State Kansas
Test Approved By Kim Shoemaker Diamond Representative John C. Riedl
Formation Test No. 2 Interval Tested from 4,115 ft. to 4,127 ft. Total Depth 4,127 ft.
Packer Depth 4,110 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,115 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set -- ft.
Top Recorder Depth (Inside) 4,118 ft. Recorder Number 21108 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,124 ft. Recorder Number 11017 Cap. 4,000 psi
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi
Drilling Contractor C & G Drilling Co. - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 43 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.0 Water Loss 12.5 cc. Drill Pipe Length 3,969 ft. I.D. 3 1/2 in.
Chlorides 8,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IE in.
Jars: Make Bowen Serial Number No. 2 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 8 mins. Weak blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket in 1 min.
Recovered 520 ft. of gas in pipe
Recovered 90 ft. of slightly gas cut mud = .442800 bbls. (Grind out: 10%-gas; 90%-mud) Chlorides: 9,000 Ppm
Recovered 90 ft. of TOTAL FLUID = .442800 bbls.
Recovered -- ft. of --
Recovered -- ft. of --
Remarks --

Time Set Packer(s) 2:15 ~~AM~~ P.M. Time Started Off Bottom 5:15 ~~AM~~ P.M. Maximum Temperature 118°
Initial Hydrostatic Pressure (A) 1997 P.S.I.
Initial Flow Period Minutes 30 (B) 46 P.S.I. to (C) 48 P.S.I.
Initial Closed In Period Minutes 45 (D) 343 P.S.I.
Final Flow Period Minutes 45 (E) 46 P.S.I. to (F) 53 P.S.I.
Final Closed In Period Minutes 60 (G) 339 P.S.I.
Final Hydrostatic Pressure (H) 1977 P.S.I.

GENERAL INFORMATION

Client Information:

Company: VESS OIL CORP

Contact: BILL HORIGAN

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: LECKLIDER #4

Operator: VESS OIL CORP

Location-Downhole: DST #2 4115 TO 4127

Location-Surface: S23/29S/7W KINGMAN COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL

Job Number: D372

Test Unit: 2

Start Date: 2006/11/11

Start Time: 12:12:00

End Date: 2006/11/11

End Time: 20:15:00

Report Date: 2006/11/11

Prepared By: JOHM RIEDL

Remarks:

Qualified By: KIM SHOEMAKER

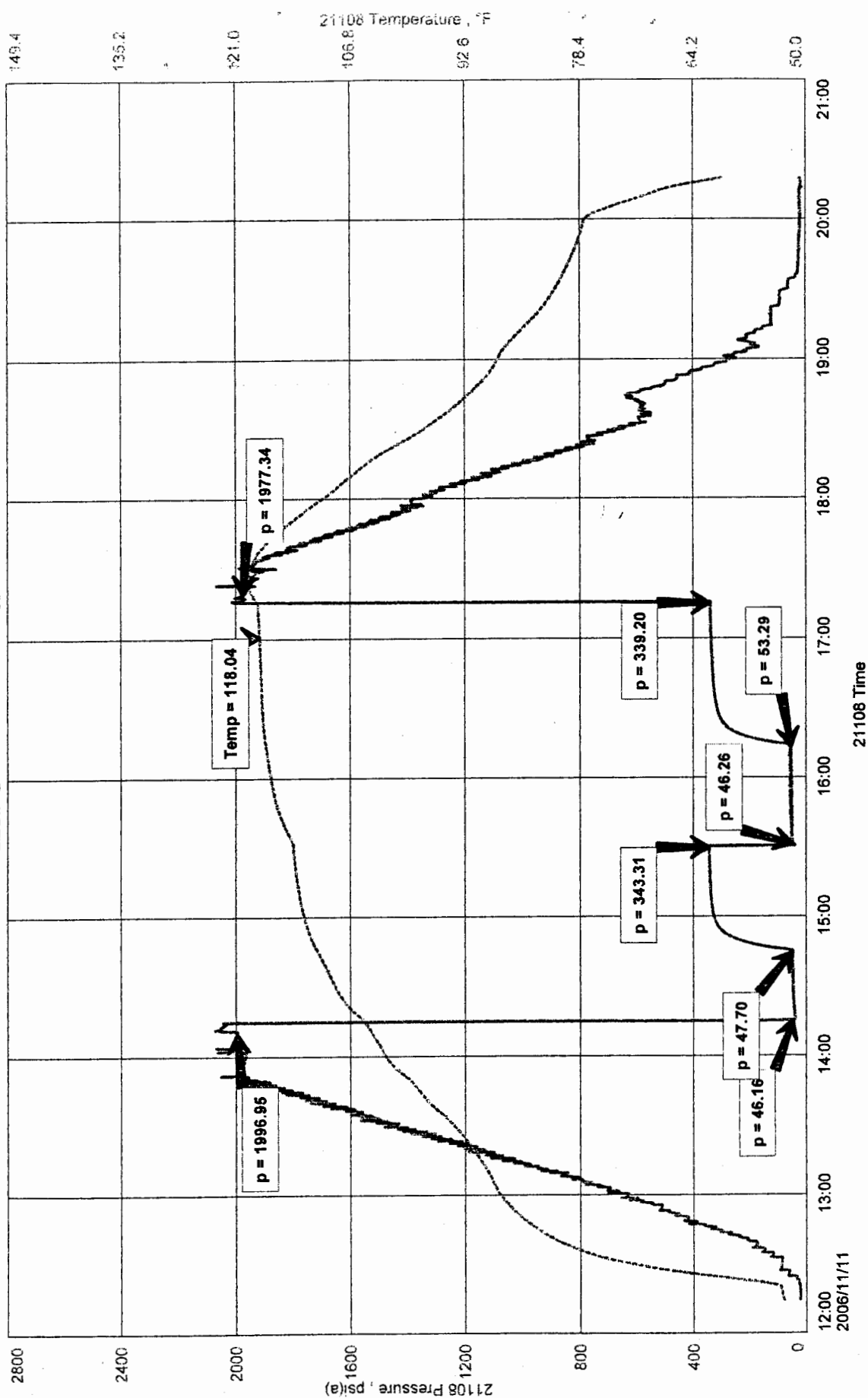
REC: 520' GAS IN PIPE

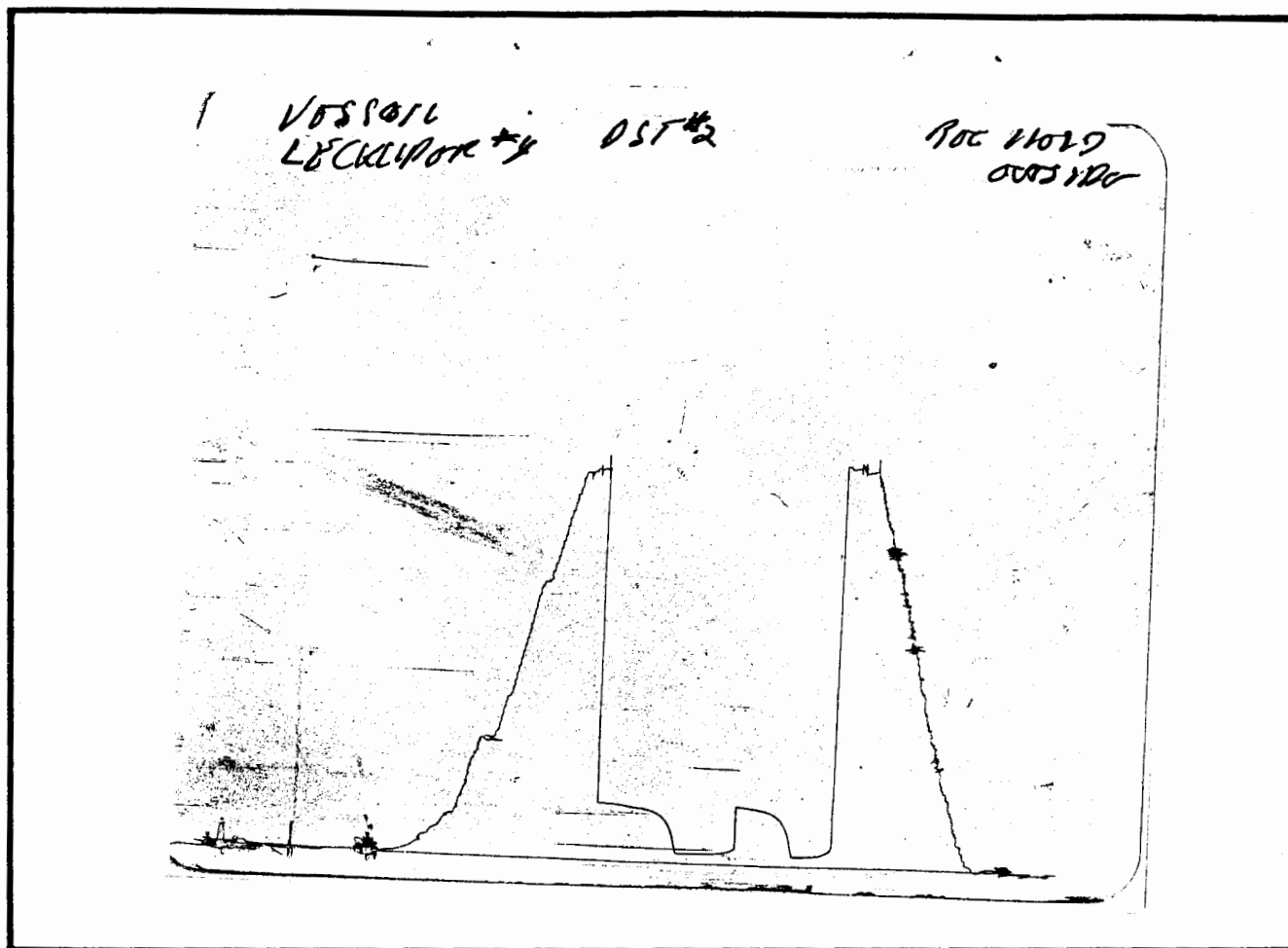
90' GCM (10%GAS 90%MUD) CHLORIDES 9,000Ppm
FLUID ALL IN DRILL COLLARS

VESS OIL CORP
 DST #2 4115 TO 4127
 Start Test Date: 2006/11/11
 Final Test Date: 2006/11/11

LECKLIDER #4

LECKLIDER #4
 Formation: MISSISSIPPI CHERT
 Job Number: D372





This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1997	1997
(B) First Initial Flow Pressure.....	46	46
(C) First Final Flow Pressure	48	48
(D) Initial Closed-In Pressure	343	343
(E) Second Initial Flow Pressure	46	46
(F) Second Final Flow Pressure.....	53	53
(G) Final Closed-in Pressure.....	339	339
(H) Final Hydrostatic Mud	1977	1977



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Page 1 of 2 Pages

Company Vess Oil Corporation Lease & Well No. Lecklider No. 4
Elevation 1562KB Formation Mississippi Effective Pay -- Ft. Ticket No. J1976
Date 11-12-06 Sec. 23 Twp. 29S Range 7W County Kingman State Kansas
Test Approved By Kim Shoemaker Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 4,125 ft. to 4,174 ft. Total Depth 4,174 ft.

Packer Depth 4,120 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,125 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,128 ft. Recorder Number 21108 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,171 ft. Recorder Number 11017 Cap. 4,000 psi

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

Drilling Contractor C & G Drilling Co. - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 49 Weight Pipe Length -- ft. I.D. -- in.

Weight 8.9 Water Loss 9.5 cc. Drill Pipe Length 3,979 ft. I.D. 3 1/2 in.

Chlorides 6,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number No. 2 Anchor Length 49 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. Very weak blow back during shut-in.

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

Recovered 400 ft. of gas in pipe

Recovered 100 ft. of slightly gas cut mud = .492000 bbls. (Grind out: 5%-gas; 95%-mud) Chlorides: 8,000 Ppm

Recovered 100 ft. of TOTAL FLUID = .492000 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 11:00 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 2:00 ~~P.M.~~ ^{A.M.} Maximum Temperature 116°

Initial Hydrostatic Pressure (A) 2046 P.S.I.

Initial Flow Period Minutes 30 (B) 42 P.S.I. to (C) 54 P.S.I.

Initial Closed In Period Minutes 45 (D) 444 P.S.I.

Final Flow Period Minutes 45 (E) 45 P.S.I. to (F) 65 P.S.I.

Final Closed In Period Minutes 60 (G) 418 P.S.I.

Final Hydrostatic Pressure (H) 1983 P.S.I.

GENERAL INFORMATION

Client Information:

Company: VESS OIL CORP

Contact: BILL HORIGAN

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: LECKLIDER #4

Operator: VESS OIL CORP

Location-Downhole: DST #3 4125 TO 4174

Location-Surface: S23/29S/7W KINGMAN COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL

Job Number: KID373

Test Unit: 2

Start Date: 2006/11/12

Start Time: 09:33:00

End Date: 2006/11/12

End Time: 16:05:00

Report Date: 2006/11/12

Prepared By: JOHN RIEDL

Remarks:

Qualified By: KIM SHOEMAKER

RECOVERY: 400' GAS IN PIPE

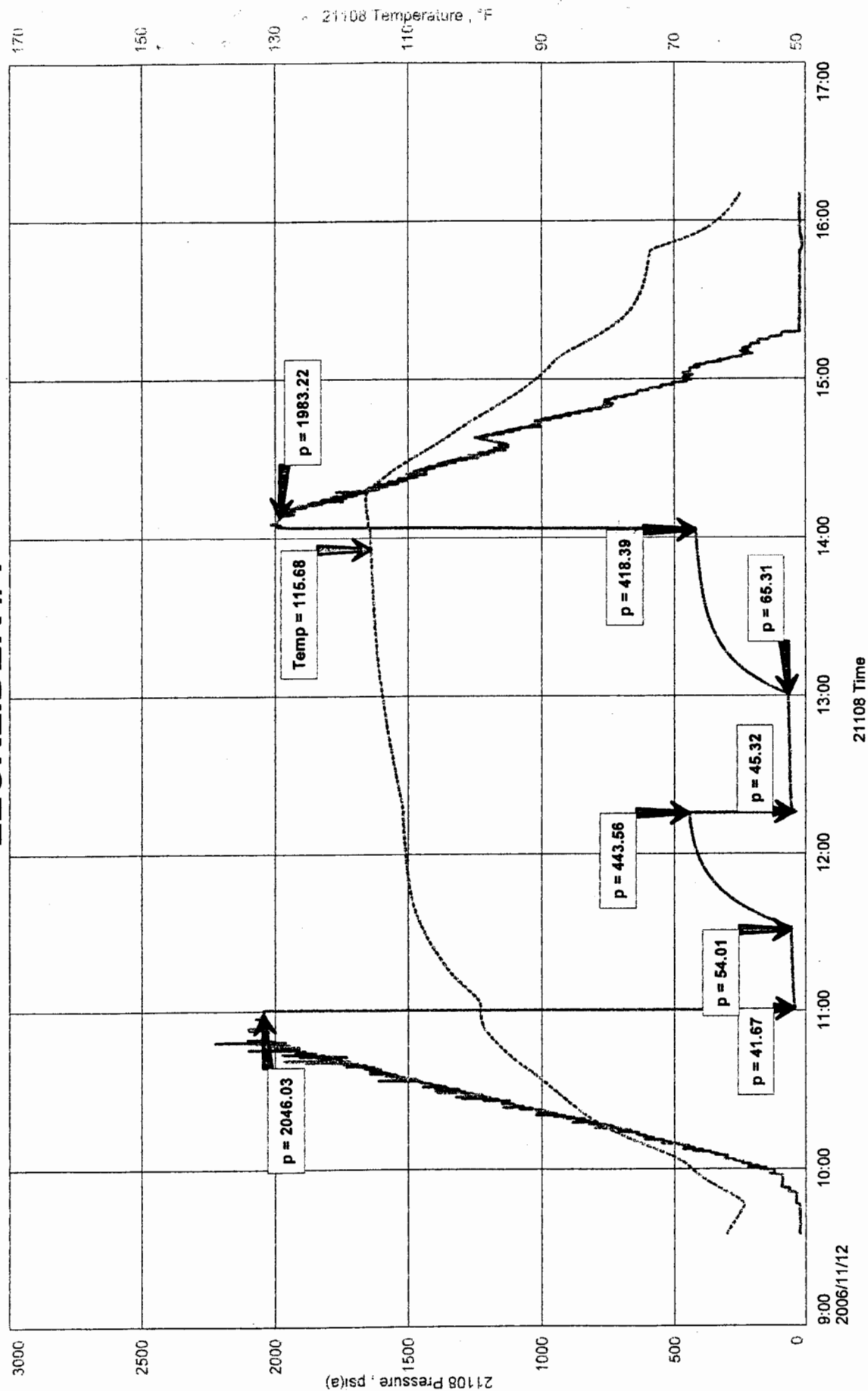
100' SLGCM (5%GAS 95%MUD) CHLORIDES 8,000Ppm

TOTAL FLUID REC: 100' IN DRILL COLLARS

VESS OIL CORP
DST #3 4125 TO 4174
Start Test Date: 2006/11/12
Final Test Date: 2006/11/12

LECKLIDER #4
Formation: MISSISSIPPI
Job Number: KID373

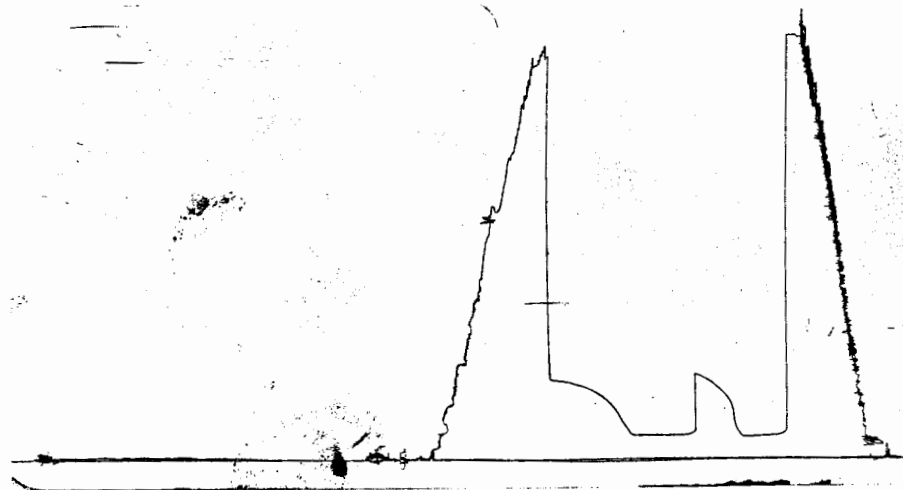
LECKLIDER #4



VOS 01C
LOCKHORN #4

RST #3 *

ROC # 11077
OUTSIDE



This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2046	2046
(B) First Initial Flow Pressure.....	42	42
(C) First Final Flow Pressure	54	54
(D) Initial Closed-in Pressure	444	444
(E) Second Initial Flow Pressure	45	45
(F) Second Final Flow Pressure.....	65	65
(G) Final Closed-in Pressure.....	418	418
(H) Final Hydrostatic Mud	1983	1983

PSI

PSI

PSI

PSI

PSI

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