



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC 21098.D55

**CONFIDENTIAL**

Company Vess Oil Corporation Lease & Well No. Steeple No. 1  
Elevation 2230 KB Formation Lansing "B" Effective Pay -- Ft. Ticket No. 1944  
Date 12-19-04 Sec. 25 Twp. 9S Range 20W County Rooks State Kansas  
Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 3,504 ft. to 3,530 ft. Total Depth 3,530 ft.  
Packer Depth 3,499 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.  
Packer Depth 3,504 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.  
Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,492 ft. Recorder Number 21098 Cap. 5,000 psi  
Bottom Recorder Depth (Outside) 3,527 ft. Recorder Number 13387 Cap. 4,000 psi  
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor L. D. Drilling, Inc. Drill Collar Length -- ft. I.D. -- in.  
Mud Type Chemical Viscosity 46 Weight Pipe Length -- ft. I.D. -- in.  
Weight 8.9 Water Loss 8.8 cc. Drill Pipe Length 3,479 ft. I.D. 3 1/2 in.  
Chlorides 3,000 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - JF in.  
Jars: Make Bowen Serial Number Not Run Anchor Length 26 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, 1/8 in., blow increasing to 1/2 in. No blow back during shut-in.  
2nd Open: Weak surface blow increasing to 1/2 in. No blow back during shut-in.

Recovered 1 ft. of clean oil = .010260 bbls. (Gravity: 32 @ 60°)  
Recovered 1 ft. of heavy oil cut mud = .010260 bbls. (Grind out: 42%-oil; 58%-mud)  
Recovered 2 ft. of TOTAL FLUID = .020520 bbls.

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Recovered -- ft. of --  
Recovered -- ft. of --  
Remarks Tool Sample Grind Out: 44%-oil; 56%-mud

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Time Set Packer(s)	<del>XXM.</del> P.M.	Time Started Off Bottom	<del>XXM.</del> A.M.	Maximum Temperature
11:09		1:09		95°
Initial Hydrostatic Pressure	(A)	1647	P.S.I.	
Initial Flow Period	Minutes	30	(B)	6 P.S.I. to (C) 6 P.S.I.
Initial Closed In Period	Minutes	30	(D)	18 P.S.I.
Final Flow Period	Minutes	30	(E)	6 P.S.I. to (F) 6 P.S.I.
Final Closed In Period	Minutes	30	(G)	12 P.S.I.
Final Hydrostatic Pressure	(H)	1641	P.S.I.	



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**FLUID SAMPLE DATA**

Company Vess Oil Corporation

Lease & Well No. Steeples No. 1

Date 12-19-04 Sec. 25 Twp. 9 S Range 20 W

Formation Test No. 1 Interval Tested From 3,504 ft. to 3,503 ft. Total Depth 3,530 ft.

Formation Lansing "B"

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>46</u> CP	<u>--</u> CP
Weight	<u>8.9</u>	<u>--</u>
Water Loss	<u>8.8</u> CC	<u>--</u> CC
PH Factor	<u>10.0</u>	<u>--</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Recovery Mud	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Recovery Mud Filtrate	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Mud Pit Sample	<u>1.30</u> @ <u>60</u> °F.	<u>5,200</u> ppm
Mud Pit Sample Filtrate	<u>1.40</u> @ <u>62</u> °F.	<u>4,800</u> ppm

Sample Taken By ROGER D. FRIEDLY

Witness By Kim B. Shoemaker

Remarks Pit filtrate triton dish chlorides were 3,000 Ppm

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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## GENERAL INFORMATION

### Client Information:

Company: VESS OIL CORPORATION

Contact: BILL HORIGAN

Phone: Fax: e-mail:

### Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

### Well Information:

Name: STEEPLES #1

Operator: VESS OIL CORPORATION

Location-Downhole: DST #1 LANS 'B' 3,504' - 3,530'

Location-Surface: SEC 25-9S-20W ROOKS COUNTY

### Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number:

Test Unit: NO 1

Start Date: 2004/12/19 Start Time: 21:11:00

End Date: 2004/12/20 End Time: 03:22:50

Report Date: Prepared By:

Qualified By:

### Remarks:

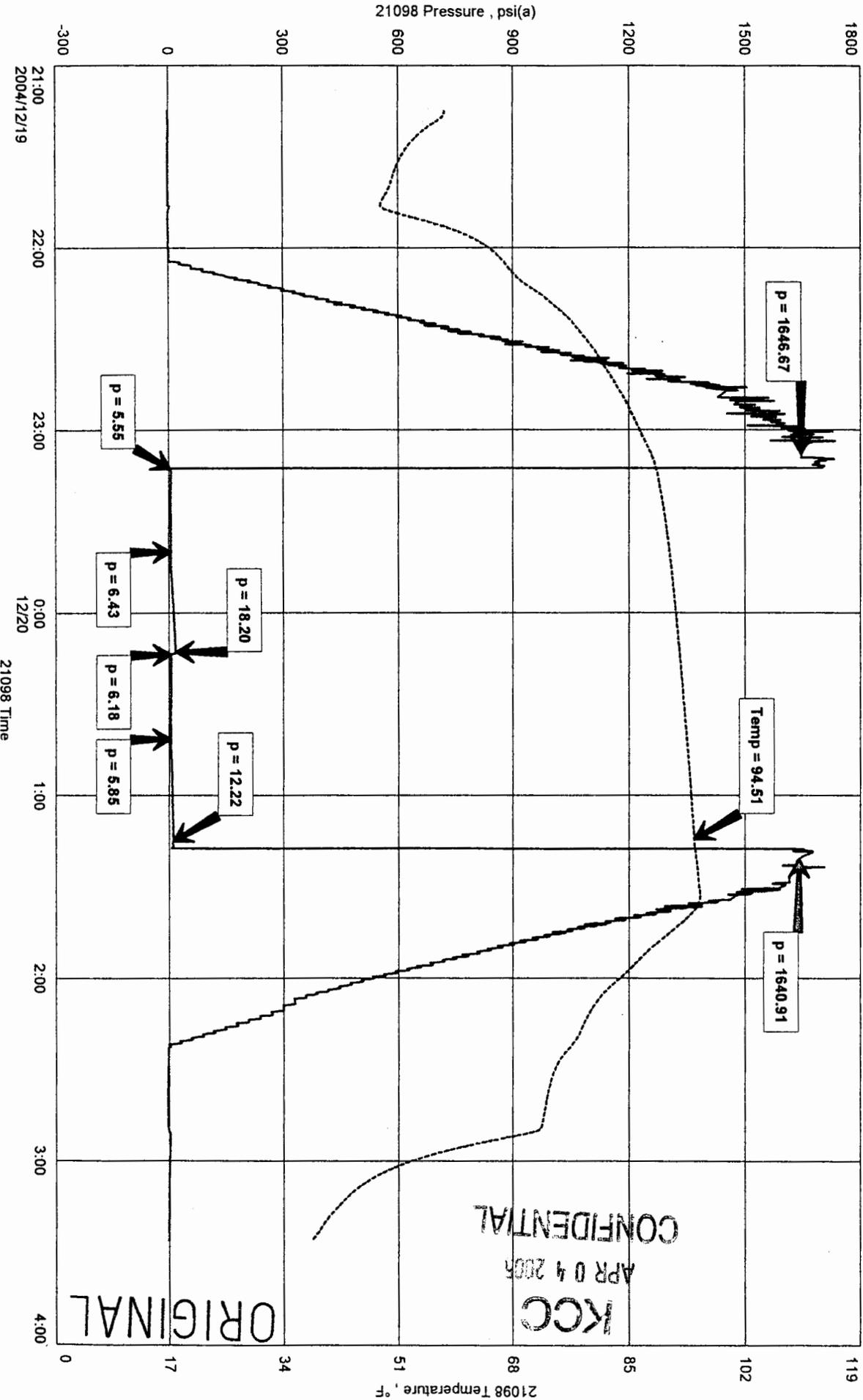
RECOVERED: 1' CO 32 GRAVITY @ 60 deg.  
1' HOCM 42% OIL, 57% MUD  
2' TOTAL FLUID

TOOL SAMPLE: 44% OIL, 56% MUD

VESS OIL CORPORATION  
 DST #1 LANS 'B' 3,504' - 3,530'  
 Start Test Date: 2004/12/19  
 Final Test Date: 2004/12/20

STEEPLES #1  
 Formation: DST #1 LANS 'B' 3,504' - 3,530'  
 Pool: WILDCAT

# STEEPLES #1



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Page 1 of 3 Pages

Company Vess Oil Corporation Lease & Well No. Steeples No. 1

Elevation 2230 KB Formation Lansing "C" - "F" Effective Pay      Ft. Ticket No. 1945

Date 12-20-04 Sec. 25 Twp. 9S Range 20W County Rooks State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 2 Interval Tested from 3,528 ft. to 3,567 ft. Total Depth 3,567 ft.

Packer Depth 3,523 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.

Packer Depth 3,528 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.

Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 3,516 ft. Recorder Number 21098 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,564 ft. Recorder Number 13387 Cap. 4,000 psi

Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor L. D. Drilling, Inc. Drill Collar Length      ft. I.D.      in.

Mud Type Chemical Viscosity 46 Weight Pipe Length      ft. I.D.      in.

Weight 9.0 Water Loss 8.8 cc. Drill Pipe Length 3,503 ft. I.D. 3 1/2 in.

Chlorides 3,500 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 39 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, 1/8 in., blow increasing to 2 ins. No blow back during shut-in.

2nd Open: Weak surface blow increasing to 1 in. No blow back during shut-in.

Recovered 30 ft. of watery mud = .307800 bbls. (Grind out: 32%-water; 68%-mud)

Recovered      ft. of     

Recovered      ft. of     

Recovered      ft. of     

Recovered      ft. of     

Remarks Tool Sample Grind Out: 44%-water; 56%-mud with a few oil specks in tool

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Time Set Packer(s) 1:07 XXM. P.M. Time Started Off Bottom 3:07 XXM. P.M. Maximum Temperature 93°

Initial Hydrostatic Pressure      (A) 1657 P.S.I.

Initial Flow Period      Minutes 30 (B) 4 P.S.I. to (C) 14 P.S.I.

Initial Closed In Period      Minutes 30 (D) 788 P.S.I.

Final Flow Period      Minutes 30 (E) 14 P.S.I. to (F) 21 P.S.I.

Final Closed In Period      Minutes 30 (G) 754 P.S.I.

Final Hydrostatic Pressure      (H) 1657 P.S.I.



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**FLUID SAMPLE DATA**

Company Vess Oil Corporation

Lease & Well No. Steeple No. 1

Date 12-20-04 Sec. 25 Twp. 9 S Range 20 W

Formation Test No. 2 Interval Tested From 3,528 ft. to 3,567 ft. Total Depth 3,567 ft.

Formation Lansing "C" - "F"

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>46</u> CP	<u>33</u> CP
Weight	<u>9.0</u>	<u>8.6</u>
Water Loss	<u>8.8</u> CC	<u>18.4</u> CC
PH Factor	<u>10.5</u>	<u>10.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>-- @ -- °F.</u>	<u>-- ppm</u>
Recovery Mud	<u>.30 @ 76 °F.</u>	<u>20,000 ppm</u>
Recovery Mud Filtrate	<u>.36 @ 74 °F.</u>	<u>18,000 ppm</u>
Mud Pit Sample	<u>1.20 @ 66 °F.</u>	<u>5,500 ppm</u>
Mud Pit Sample Filtrate	<u>1.30 @ 68 °F.</u>	<u>4,900 ppm</u>

Sample Taken By ROGER D. FRIEDLY

Witness By Kim B. Shoemaker

Remarks Pit filtrate triton dish chlorides were 3,500 Ppm  
Recovery filtrate triton dish chlorides were 14,500 Ppm

## GENERAL INFORMATION

### Client Information:

Company: VESS OIL CORPORATION  
Contact: BILL HORIGAN  
Phone: Fax: e-mail:

### Site Information:

Contact: KIN SHOEMAKER  
Phone: Fax: e-mail:

### Well Information:

Name: STEEPLES #1  
Operator: VESS OIL CORPORATION  
Location-Downhole: DST #2 LANS 'C/F' 3,538' - 3,567'  
Location-Surface: SEC 25-9S-20W ROOKS COUNTY

### Test Information:

Company: DIAMOND TESTING  
Representative: ROGER D. FRIEDLY  
Supervisor: KIM SHOEMAKER  
Test Type: CONVENTIONAL Job Number:  
Test Unit: NO 1  
Start Date: 2004/12/20 Start Time: 11:18:00  
End Date: 2004/12/20 End Time: 16:36:50  
Report Date: Prepared By:  
Remarks: Qualified By:

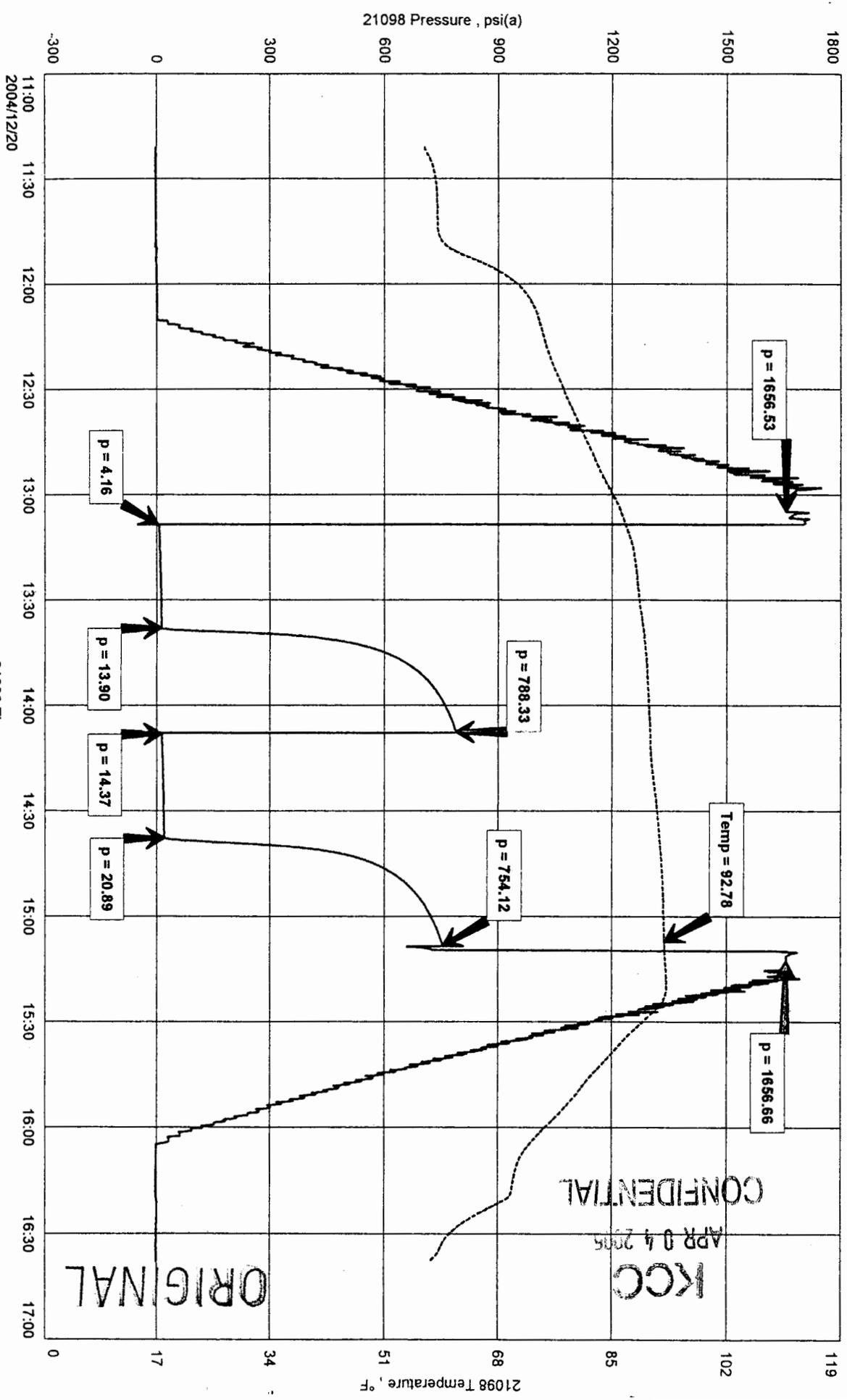
RECOVERED: 30 WM 32% WTR, 68% MUD

TOOL SAMPLE 44% WTR, 56% MUD WITH A FEW OIL SPECKS IN TOOL.

VESS OIL CORPORATION  
 DST #2 LANS 'C/F' 3,538' - 3,567'  
 Start Test Date: 2004/12/20  
 Final Test Date: 2004/12/20

# STEEPLES #1

STEEPLES #  
 Formation: DST #2 LANS 'C/F' 3,538' - 3,567'  
 Pool: WILDCA



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Page 1 of 3 Pages

Company Vess Oil Corporation Lease & Well No. Steeples No. 1

Elevation 2230 KB Formation Lansing "I" - "J" Effective Pay -- Ft. Ticket No. 1946

Date 12-21-04 Sec. 25 Twp. 9S Range 20W County Rooks State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 3 Interval Tested from 3,624 ft. to 3,664 ft. Total Depth 3,664 ft.

Packer Depth 3,619 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,624 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set          ft.

Top Recorder Depth (Inside)          3,612 ft. Recorder Number 21098 Cap. 5,000 psi

Bottom Recorder Depth (Outside)          3,661 ft. Recorder Number 13387 Cap. 4,000 psi

Below Straddle Recorder Depth          ft. Recorder Number          Cap.          psi

Drilling Contractor L. D. Drilling, Inc. Drill Collar Length -- ft. I.D. -- in.

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

Weight 9.1 Water Loss 8.8 cc. Drill Pipe Length 3,599 ft. I.D. 3 1/2 in.

Chlorides 6,000 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen 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: Weak, 1/8 in., blow increasing to 1 in. No blow back during shut-in.

2nd Open: Weak surface blow increasing to 1/2 in. No blow back during shut-in.

Recovered 5 ft. of clean oil = .051300 bbls. (Gravity: 28 @ 60°)

Recovered 10 ft. of slightly watery & heavy oil cut mud = .102600 bbls. (Grind out: 2%-water; 38%-oil; 60%-mud)

Recovered 15 ft. of TOTAL FLUID = .153900 bbls.

Recovered          ft. of         

Recovered          ft. of         

Remarks Tool Sample Grind Out: 2%-water; 25%-mud; 73%-oil

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Time Set Packer(s) 5:08 ~~P.M.~~ A.M. Time Started Off Bottom 7:08 ~~P.M.~~ A.M. Maximum Temperature 97°

Initial Hydrostatic Pressure          (A) 1722 P.S.I.

Initial Flow Period          Minutes 30 (B) 1 P.S.I. to (C) 9 P.S.I.

Initial Closed In Period          Minutes 30 (D) 329 P.S.I.

Final Flow Period          Minutes 30 (E) 11 P.S.I. to (F) 15 P.S.I.

Final Closed In Period          Minutes 30 (G) 52 P.S.I.

Final Hydrostatic Pressure          (H) 1721 P.S.I.



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**FLUID SAMPLE DATA**

Company Vess Oil Corporation

Lease & Well No. Steeple No. 1

Date 12-21-04 Sec. 25 Twp. 9 S Range 20 W

Formation Test No. 3 Interval Tested From 3,624 ft. to 3,664 ft. Total Depth 3,664 ft.

Formation Lansing "I" - "J"

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>47</u> CP	<u>46</u> CP
Weight	<u>9.1</u>	<u>9.0</u>
Water Loss	<u>8.8</u> CC	<u>8.0</u> CC
PH Factor	<u>10.5</u>	<u>10.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>-- @ -- °F.</u>	<u>-- ppm</u>
Recovery Mud	<u>.64 @ 62 °F.</u>	<u>10,500 ppm</u>
Recovery Mud Filtrate	<u>.76 @ 64 °F.</u>	<u>9,400 ppm</u>
Mud Pit Sample	<u>.96 @ 54 °F.</u>	<u>9,000 ppm</u>
Mud Pit Sample Filtrate	<u>.96 @ 63 °F.</u>	<u>8,000 ppm</u>

Sample Taken By ROGER D. FRIEDLY

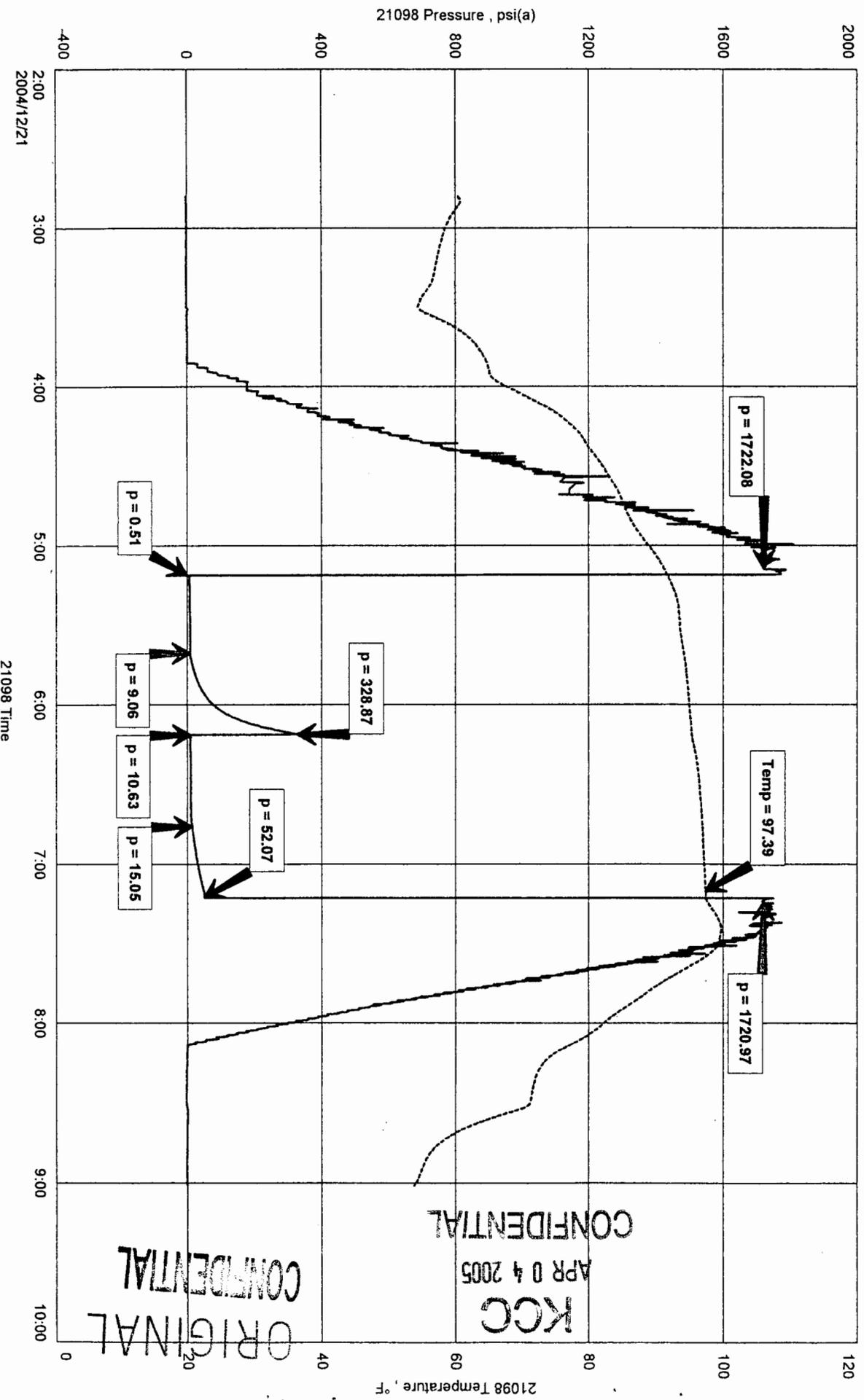
Witness By Kim B. Shoemaker

Remarks Pit filtrate triton dish chlorides were 6,000 Ppm  
Recovery filtrate triton dish chlorides were 7,000 Ppm

VESS OIL CORPORATION  
 DST #3 LANS '1/J' 3.624' - 3.664'  
 Start Test Date: 2004/12/21  
 Final Test Date: 2004/12/21

STEEPLES #1  
 Pool: WILDCAT

# STEEPLES #1



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