



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313
STC 21076.D77

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ORIGINAL

Company Vess Oil Corporation Lease & Well No. Denton "B" No. 1

Elevation 2395 KB Formation Marmaton/Pawnee Effective Pay Ft. Ticket No. 1779

Date 10-2-03 Sec. 3 Twp. 32S Range 24W County Clark State Kansas

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

Formation Test No. 1 Interval Tested from 5,150 ft. to 5,250 ft. Total Depth 5,250 ft.

Packer Depth 5,145 ft. Size 6 3/4 in. **KCO** Packer Depth ft. Size in.

Packer Depth 5,150 ft. Size 6 3/4 in. **OCT 31 2003** Packer Depth ft. Size in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 5,130 ft. **CONFIDENTIAL** Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 5,247 ft. Recorder Number 13386 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor VAL Energy, Inc. - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.

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

Weight 9.3 Water Loss 12.0 cc. Drill Pipe Length 4,996 ft. I.D. 3 1/2 in.

Chlorides 6,000 P.P.M. Test Tool Length 34 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number BJ No. 1 Anchor Length 39' perf. w/61' drill pipe 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 increasing to 3 1/2 ins. No blow back during shut-in.

2nd Open: Weak, surface blow increasing to 2 3/4 ins. No blow back during shut-in.

Recovered 77 ft. of slightly oily & gas cut watery mud = 1.093400 bbls. (Grind out: 2%-oil; 6%-gas; 24%-water; 68%-mud)

Recovered 120 ft. of gas cut watery mud = .590400 bbls. (Grind out: Scum of oil; 10%-gas; 36%-water; 54%-mud)

Recovered 197 ft. of TOTAL FLUID = 1.683800 bbls.

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 2%-oil; 4%-gas; 36%-water; 58%-mud

Time Set Packer(s) 3:34 ~~PM~~ ^{A.M.} Time Started Off Bottom 6:34 ~~PM~~ ^{A.M.} Maximum Temperature 114°

Initial Hydrostatic Pressure (A) 2499 P.S.I.

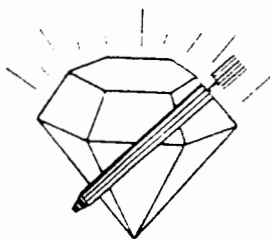
Initial Flow Period 30 Minutes (B) 15 P.S.I. to (C) 86 P.S.I.

Initial Closed In Period 45 Minutes (D) 1720 P.S.I.

Final Flow Period 45 Minutes (E) 81 P.S.I. to (F) 104 P.S.I.

Final Closed In Period 60 Minutes (G) 1699 P.S.I.

Final Hydrostatic Pressure (H) 2507 P.S.I.



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FLUID SAMPLE DATA

Company Vess Oil Corporation
Lease & Well No. Denton "B" No. 1
Date 10-2-03 Sec. 3 Twp. 32 S Range 24 W
Formation Test No. 1 Interval Tested From 5,150 ft. to 5,250 ft. Total Depth 5,250 ft.
Formation Marmaton/Pawnee

	MUD PIT	RECOVERY	
Viscosity	<u>47</u> CP	<u>47</u> CP	
Weight	<u>9.3</u>	<u>9.3</u>	
Water Loss	<u>12.0</u> CC	<u>13.6</u> CC	Water
PH Factor	<u>10.5</u>	<u>9.5</u>	<u>6.0</u>

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	<u>.38</u> @ <u>58</u> °F.	<u>20,000</u> ppm
Recovery Mud	<u>.80</u> @ <u>54</u> °F.	<u>10,000</u> ppm
Recovery Mud Filtrate	<u>.86</u> @ <u>58</u> °F.	<u>9,400</u> ppm
Mud Pit Sample	<u>1.00</u> @ <u>50</u> °F.	<u>8,200</u> ppm
Mud Pit Sample Filtrate	<u>1.10</u> @ <u>52</u> °F.	<u>7,400</u> ppm

Sample Taken By ROGER D. FRIEDLY

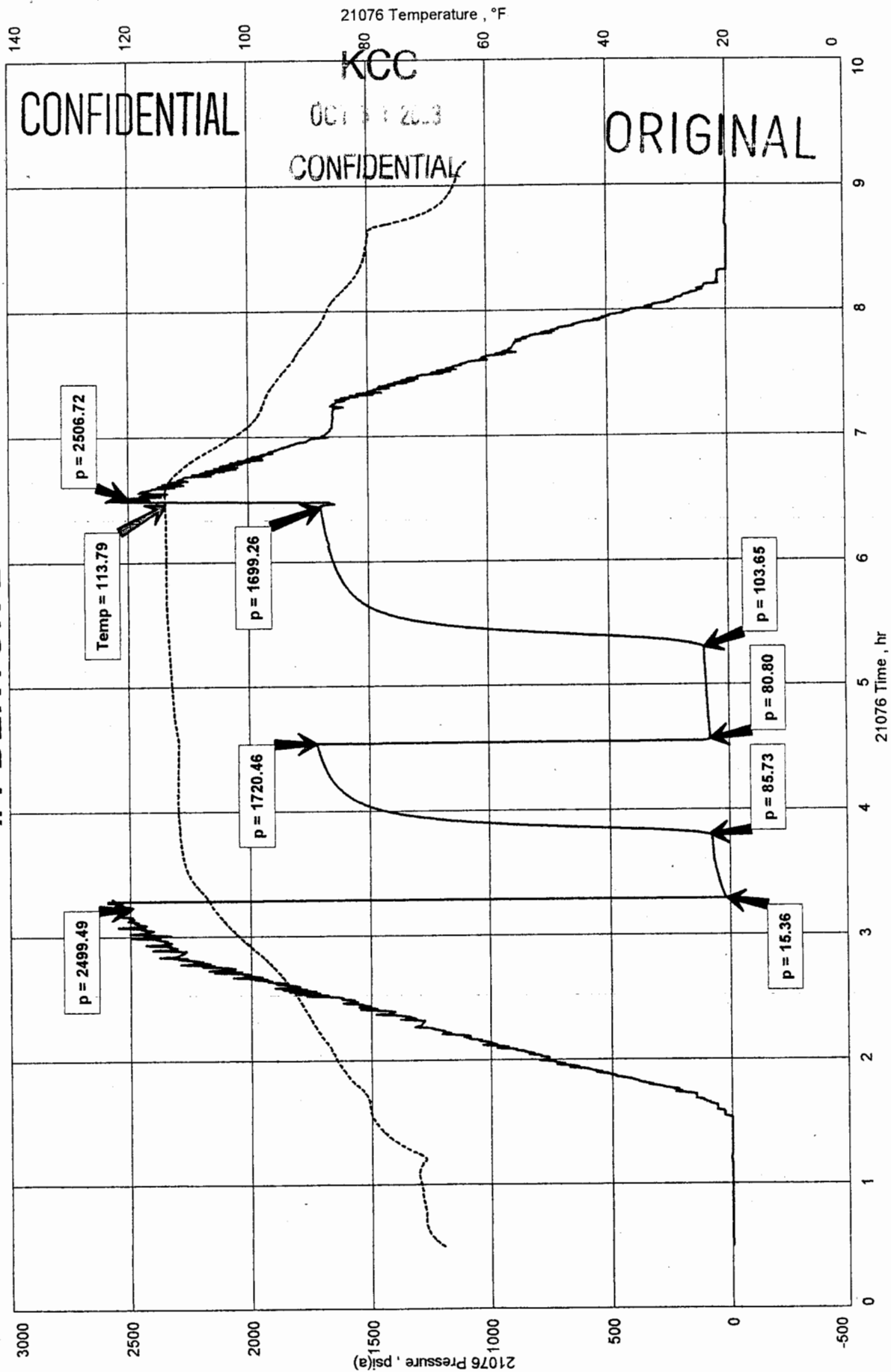
Witness By Kim B. Shoemaker

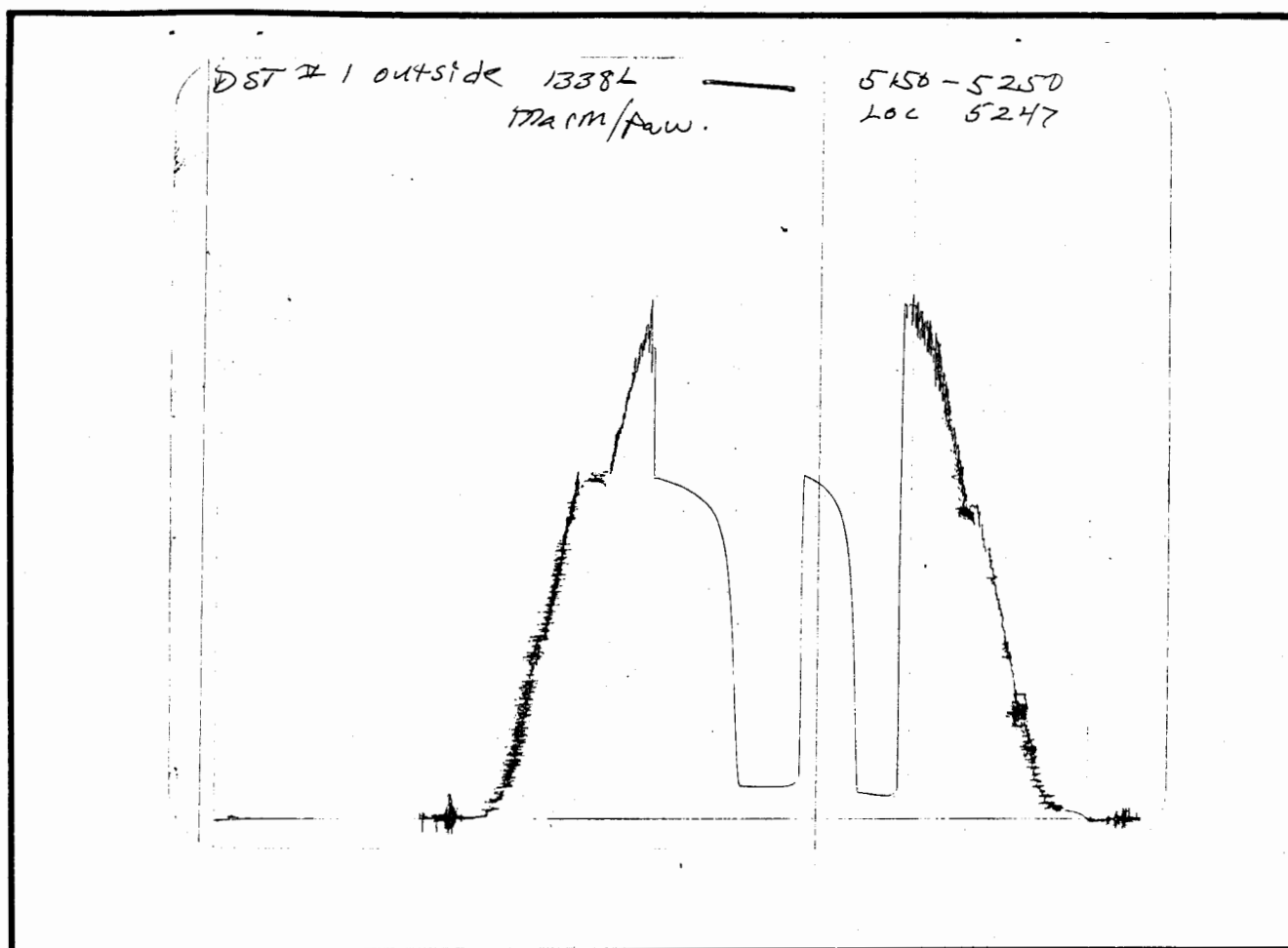
Remarks Pit filtrate triton dish chlorides were 6,000 Ppm.
Recovery filtrate triton dish chlorides were 7,000 Ppm.
Recovery water dish chlorides were 18,000 Ppm.

#1 DENTON B
Formation: DST #1 MARM/PAW. 5150'-5250'

VESS OIL CORP
SEC 3-32S-24W
Start Test Date: 2003/10/02
Final Test Date: 2003/10/02

#1 DENTON B





This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	2499	2499
(B) First Initial Flow Pressure.....	15	15
(C) First Final Flow Pressure	86	86
(D) Initial Closed-in Pressure	1720	1720
(E) Second Initial Flow Pressure.....	81	81
(F) Second Final Flow Pressure.....	104	104
(G) Final Closed-in Pressure.....	1699	1699
(H) Final Hydrostatic Mud.....	2507	2507



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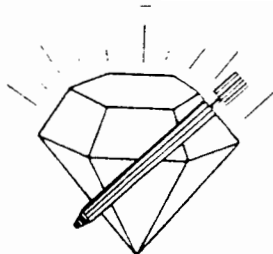
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Company Vess Oil Corporation Lease & Well No. Denton "B" No. 1
Elevation 2395 KB Formation Simpson Sand/Arbuckle Effective Pay -- Ft. Ticket No. 1780
Date 10-8-03 Sec. 3 Twp. 32S Range 24W County Clark State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly
Formation Test No. 2 Interval Tested from 6,800 ft. to 6,888 ft. Total Depth 6,888 ft.
Packer Depth 6,795 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 6,800 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.
Top Recorder Depth (Inside) 6,780 ft. Recorder Number Elec. Cap. 5,000 psi
Bottom Recorder Depth (Outside) 6,885 ft. Recorder Number 13386 Cap. 4,000 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi
Drilling Contractor VAL Energy, Inc. - Rig 2 Drill Collar Length 301 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 72 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.4 Water Loss 12.8 cc. Drill Pipe Length 6,465 ft. I.D. 3 1/2 in.
Chlorides 5,600 P.P.M. Test Tool Length 34 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number BJ No. 1 Anchor Length 27' perf. w/61' drill pipe 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 1/2 ins. No blow back during shut-in.
2nd Open: Weak, 1/2 in., blow increasing to 7 ins.
Recovered 310 ft. of gas in pipe
Recovered 102 ft. of gas cut mud = .501840 bbls. (Grind out: 4%-gas; 96%-mud)
Recovered 20 ft. of slightly watery & oil cut gassy mud = .098400 bbls. (Grind out: 4%-water; 10%-oil; 26%-gas; 60%-mud)
Recovered 122 ft. of TOTAL FLUID = .600240 bbls.
Recovered ft. of
Remarks Tool Sample Grind Out: 2%-gas; 2%-oil; 2%-water; 94%-mud

Time Set Packer(s) 1:24 P.M. Time Started Off Bottom 4:09 P.M. Maximum Temperature 131°
Initial Hydrostatic Pressure (A) 3306 P.S.I.
Initial Flow Period Minutes 30 (B) 19 P.S.I. to (C) 80 P.S.I.
Initial Closed In Period Minutes 30 (D) 1157 P.S.I.
Final Flow Period Minutes 45 (E) 60 P.S.I. to (F) 89 P.S.I.
Final Closed In Period Minutes 60 (G) 1668 P.S.I.
Final Hydrostatic Pressure (H) 3235 P.S.I.



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FLUID SAMPLE DATA

Company Vess Oil Corporation
Lease & Well No. Denton "B" No. 1
Date 10-8-03 Sec. 3 Twp. 32 S Range 24 W
Formation Test No. 2 Interval Tested From 6,800 ft. to 6,888 ft. Total Depth 6,888 ft.
Formation Simpson Sand/Arbuckle

	MUD PIT	RECOVERY
Viscosity	<u>72</u> CP	<u>70</u> CP
Weight	<u>9.4</u>	<u>9.3</u>
Water Loss	<u>12.8</u> CC	<u>15.2</u> CC
PH Factor	<u>9.5</u>	<u>9.0</u>

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	<u>--</u> @ <u>--</u> °F. <u>--</u> ppm	
Recovery Mud	<u>.86</u> @ <u>64</u> °F. <u>9,400</u> ppm	
Recovery Mud Filtrate	<u>.84</u> @ <u>66</u> °F. <u>8,200</u> ppm	
Mud Pit Sample	<u>.90</u> @ <u>66</u> °F. <u>7,200</u> ppm	
Mud Pit Sample Filtrate	<u>.94</u> @ <u>68</u> °F. <u>7,000</u> ppm	

Sample Taken By ROGER D. FRIEDLY

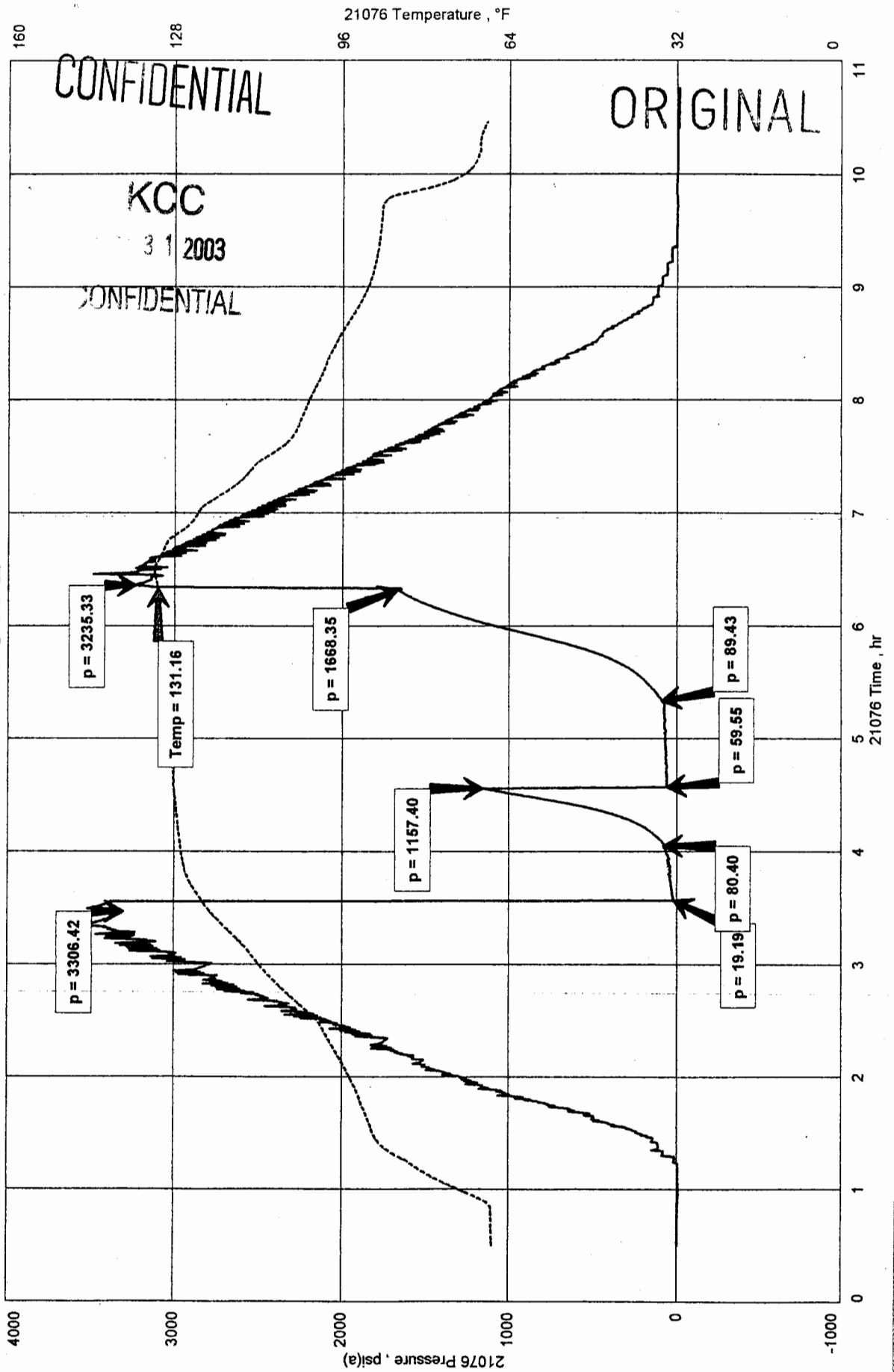
Witness By Kim B. Shoemaker

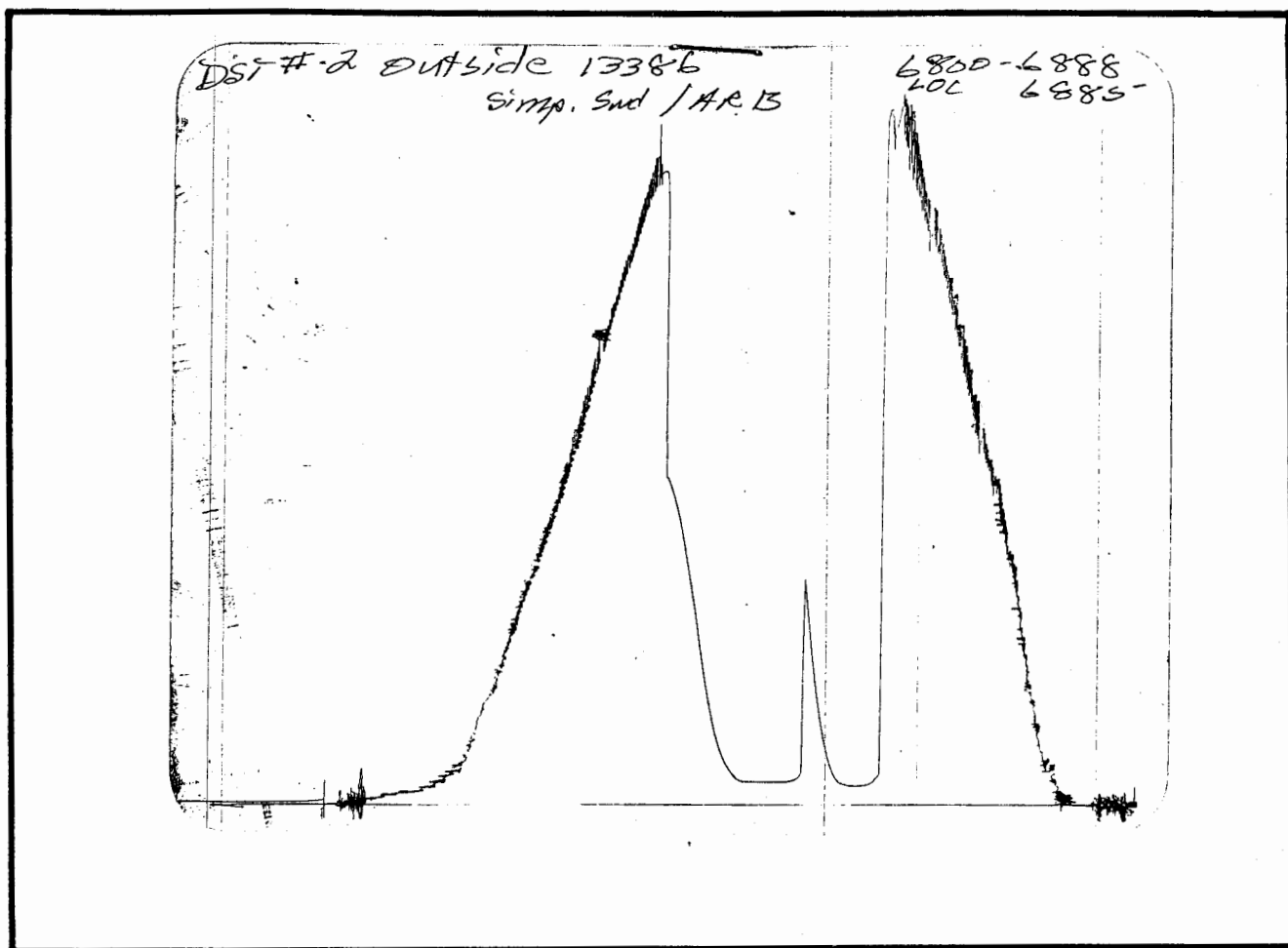
Remarks Pit filtrate triton dish chlorides were 5,600 Ppm.
Recovery filtrate triton dish chlorides were 7,000 Ppm.

VESS OIL CORP
SEC 3-32S-24W
Start Test Date: 2003/10/08
Final Test Date: 2003/10/08

#1 DENTON B
Formation: SIMPSON SND/ARB 6800'-6888'

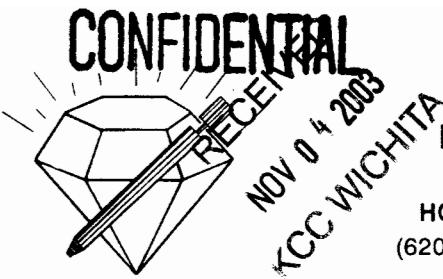
#1 DENTON B





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec.
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	3306	3306	PSI
(B) First Initial Flow Pressure.....	19	19	PSI
(C) First Final Flow Pressure	80	80	PSI
(D) Initial Closed-in Pressure	1157	1157	PSI
(E) Second Initial Flow Pressure	60	60	PSI
(F) Second Final Flow Pressure.....	89	89	PSI
(G) Final Closed-in Pressure.....	1668	1668	PSI
(H) Final Hydrostatic Mud	3235	3235	PSI



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Company Vess Oil Corporation Lease & Well No. Denton "B" No. 1
Elevation 2395 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. 1781
Date 10-9-03 Sec. 3 Twp. 32S Range 24W County Clark State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 3 Interval Tested from 6,891 ft. to 6,981 ft. Total Depth 6,981 ft.
Packer Depth 6,886 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 6,891 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set -- ft.

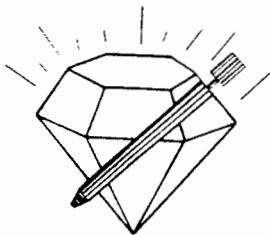
Top Recorder Depth (Inside) 6,871 ft. Recorder Number Elec. Cap. 5,000 psi
Bottom Recorder Depth (Outside) 6,978 ft. Recorder Number 13386 Cap. 4,000 psi
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor VAL Energy, Inc. - Rig 2 Drill Collar Length 362 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 49 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.2 Water Loss 14.0 cc. Drill Pipe Length 6,495 ft. I.D. 3 1/2 in.
Chlorides 8,500 P.P.M. Test Tool Length 34 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number BJ No. 1 Anchor Length 29' perf. w/61' drill pipe 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 increasing to 9 ins. No blow back during shut-in.
2nd Open: Weak, surface blow in 5 mins. increasing to 8 1/2 ins. No blow back during shut-in.

Recovered 211 ft. of watery mud = 2.996200 bbls. (Grind out: 32%-water; 68%-mud)
Recovered 62 ft. of watery mud = .880400 bbls. (Grind out: 49%-water; 51%-mud)
Recovered 362 ft. of muddy water = 1.781040 bbls. (Grind out: 10%-mud; 90%-water)
Recovered 635 ft. of TOTAL FLUID = 5.657640 bbls.
Recovered -- ft. of --
Remarks Tool Sample Grind Out: 3%-mud; 97%-water

Time Set Packer(s) 8:10 P.M. Time Started Off Bottom 11:10 P.M. Maximum Temperature 139°
Initial Hydrostatic Pressure (A) 3285 P.S.I.
Initial Flow Period Minutes 30 (B) 50 P.S.I. to (C) 220 P.S.I.
Initial Closed In Period Minutes 45 (D) 2365 P.S.I.
Final Flow Period Minutes 45 (E) 221 P.S.I. to (F) 307 P.S.I.
Final Closed In Period Minutes 60 (G) 2277 P.S.I.
Final Hydrostatic Pressure (H) 3281 P.S.I.



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FLUID SAMPLE DATA

Company Vess Oil Corporation
Lease & Well No. Denton "B" No. 1
Date 10-9-03 Sec. 3 Twp. 32 S Range 24 W
Formation Test No. 3 Interval Tested From 6,891 ft. to 6,981 ft. Total Depth 6,981 ft.
Formation Arbuckle

	<u>MUD PIT</u>	<u>RECOVERY</u>	
Viscosity	<u>49</u> CP	<u>38</u> CP	
Weight	<u>9.2</u>	<u>8.8</u>	
Water Loss	<u>14.0</u> CC	<u>22.6</u> CC	
PH Factor	<u>10.0</u>	<u>7.6</u>	<u>6.0</u> Water

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>.10</u> @ <u>66</u> °F.	<u>82,000</u> ppm
Recovery Mud	<u>.50</u> @ <u>68</u> °F.	<u>13,000</u> ppm
Recovery Mud Filtrate	<u>.54</u> @ <u>68</u> °F.	<u>12,200</u> ppm
Mud Pit Sample	<u>.77</u> @ <u>64</u> °F.	<u>9,800</u> ppm
Mud Pit Sample Filtrate	<u>.79</u> @ <u>65</u> °F.	<u>9,200</u> ppm

Sample Taken By ROGER D. FRIEDLY

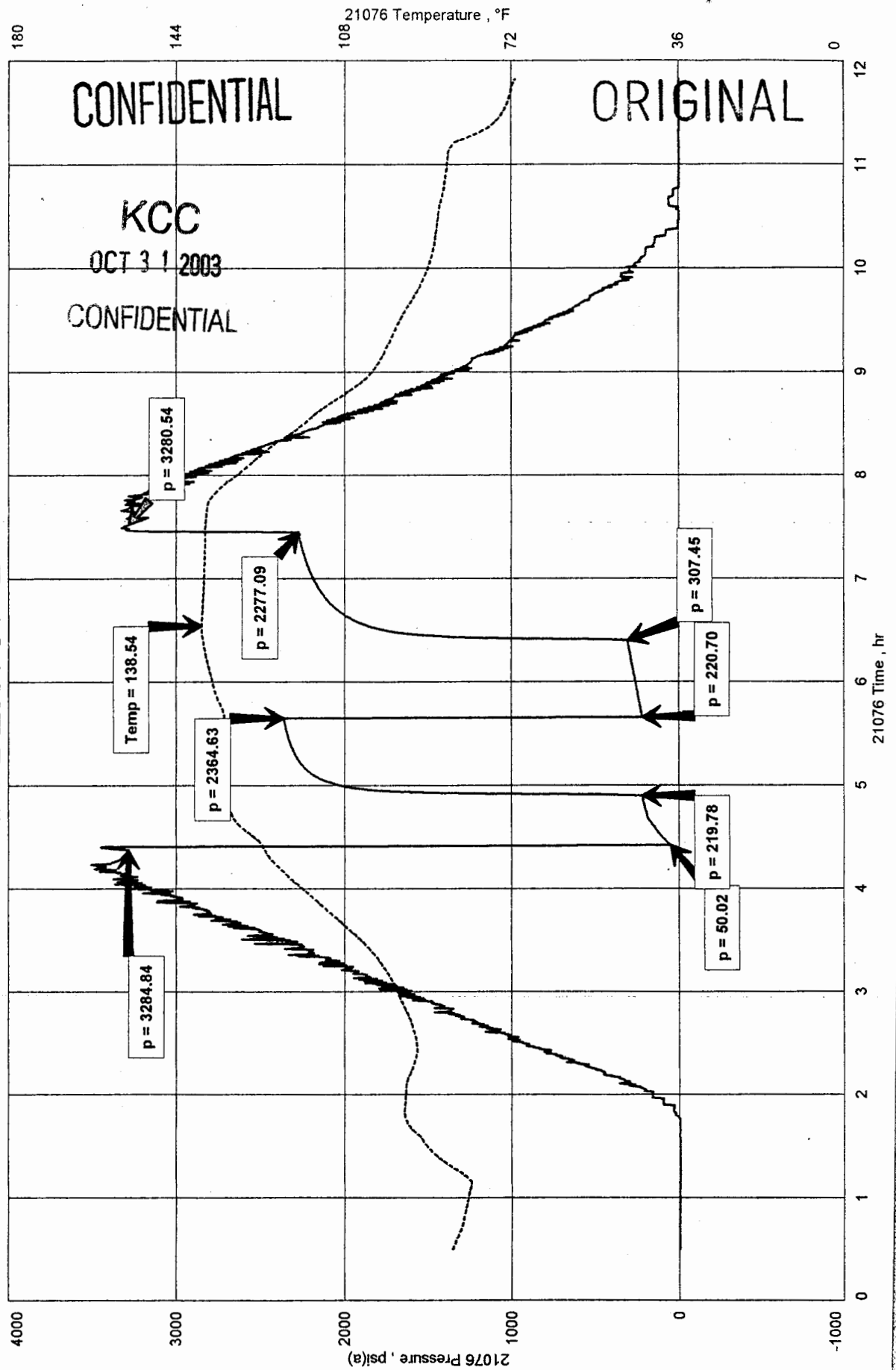
Witness By Kim B. Shoemaker

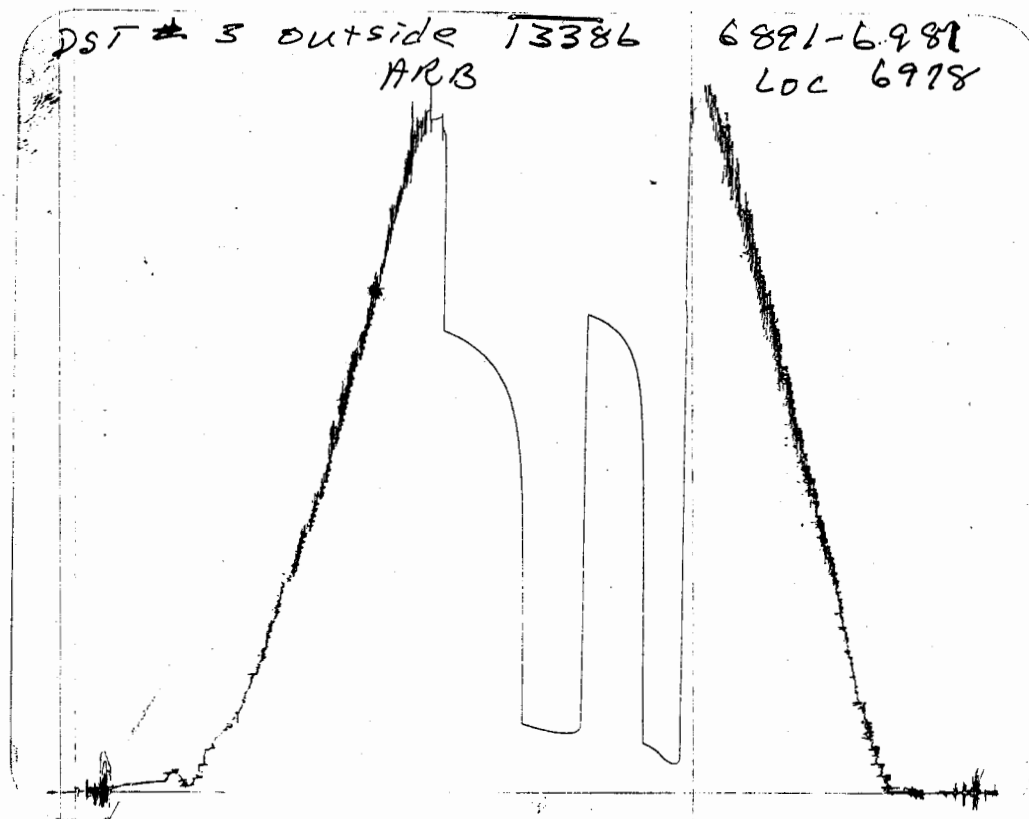
Remarks Pit filtrate triton dish chlorides were 8,500 Ppm.
Recovery filtrate triton dish chlorides were 9,500 Ppm.
Recovery water dish chlorides were 65,500 Ppm.

#1 DENTON B
Formation: DST #3 ARB. 6891'-6981'

VESS OIL CORP
SEC 3-32S-24W
Start Test Date: 2003/09/09
Final Test Date: 2003/10/09

#1 DENTON B





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec.
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	3285	3285	PSI
(B) First Initial Flow Pressure.....	50	50	PSI
(C) First Final Flow Pressure	220	220	PSI
(D) Initial Closed-in Pressure	2365	2365	PSI
(E) Second Initial Flow Pressure.....	221	221	PSI
(F) Second Final Flow Pressure.....	307	307	PSI
(G) Final Closed-in Pressure.....	2277	2277	PSI
(H) Final Hydrostatic Mud	3281	3281	PSI