

15-135-24974

13-195-22w

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

Page 1 of 2 Pages

Company Vess Oil Corporation Lease & Well No. Ball No. 4

Elevation 2981 KB Formation Lansing/Kansas City "G" Effective Pay -- Ft. Ticket No. 2682

Date 6-24-10 Sec. 9 Twp. 19S Range 31W County Scott State Kansas

Test Approved By Roger L. Martin Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 4,049 ft. to 4,120 ft. Total Depth 4,120 ft.

Packer Depth 4,044 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,049 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,030 ft. Recorder Number 1150 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,117 ft. Recorder Number 3815 Cap. 5,700 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 57 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.4 Water Loss 8.8 cc. Drill Pipe Length 4,016 ft. I.D. 3 1/2 in.

Chlorides 1,300 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 3 Anchor Length 39' perf. w/ 32' 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: Strong blow. Off bottom of bucket in 45 secs. Slowing at end. No blow back during shut-in.

2nd Open: Weak, surface blow increasing to 4 ins.; decreasing in 20 mins. 2 in., blow at end. No blow back during shut-in.

Recovered 526 ft. of gas & oil cut watery mud = 5.396760 bbls. (Grind out: 5%-gas; 27%-oil (emul.); 33%-water; 35%-mud)

Recovered 806 ft. of gas & oil cut watery mud = 8.269560 bbls. (Grind out: 9%-gas; 14%-oil (emul.); 73%-water; 4%-mud)

Recovered 620 ft. of gas & oil cut water = 6.361200 bbls. (Grind out: 2%-gas; 9%-oil (emul.); 89%-water)

Recovered 310 ft. of salt water with a scum of oil = 3.180600 bbls. (Grind out: 100%-water) Chlorides: 26,000 Ppm

Recovered 2,262 ft. of TOTAL FLUID = 23.208120 bbls. PH: 7.5 RW: .20 @ 74°

Remarks Tool Sample Grind Out: 2%-oil; 98%-water

Time Set Packer(s) 12:14 XXM. P.M. Time Started Off Bottom 3:14 XXM. P.M. Maximum Temperature 140°

Initial Hydrostatic Pressure (A) 1957 P.S.I.

Initial Flow Period Minutes 30 (B) 515 P.S.I. to (C) 1014 P.S.I.

Initial Closed In Period Minutes 45 (D) 1022 P.S.I.

Final Flow Period Minutes 45 (E) 1011 P.S.I. to (F) 1023 P.S.I.

Final Closed In Period Minutes 60 (G) 1023 P.S.I.

Final Hydrostatic Pressure (H) 1954 P.S.I.

Diamond Testing

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General information Report

General Information

Company Name VESS OIL CORPORATION

Contact	BILL HORIGAN	Job Number	
Well Name	BALL #4	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #1 LKC 'G' 4,094' - 4,120'	Well Operator	VESS OIL CORPORATION
Surface Location	SEC 9-19S-31W SCOTT COUNTY, KS	Report Date	2010/06/24
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	GRIGSTON SW		
Well Type	Vertical		

Test Type	CONVENTIONAL		
Formation	DST #1 LKC 'G' 4,094' - 4,120'		
Well Fluid Type	01 Oil	Start Test Time	09:55:00
		Final Test Time	19:05:00
Start Test Date	2010/06/24		
Final Test Date	2010/06/24		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 526' G&OCWM 5% GAS, 27% OIL(EMUL.), 33% WTR, 36% MUD
806' G&OCWM 9% GAS, 14% OIL(EMUL.), 73% WTR, 4% MUD
620' G&OCW 2% GAS, 9% OIL(EMUL.), 89% WTR
310' SW 100% WTR - SCUM OF OIL
2,262' TOTAL FLUID

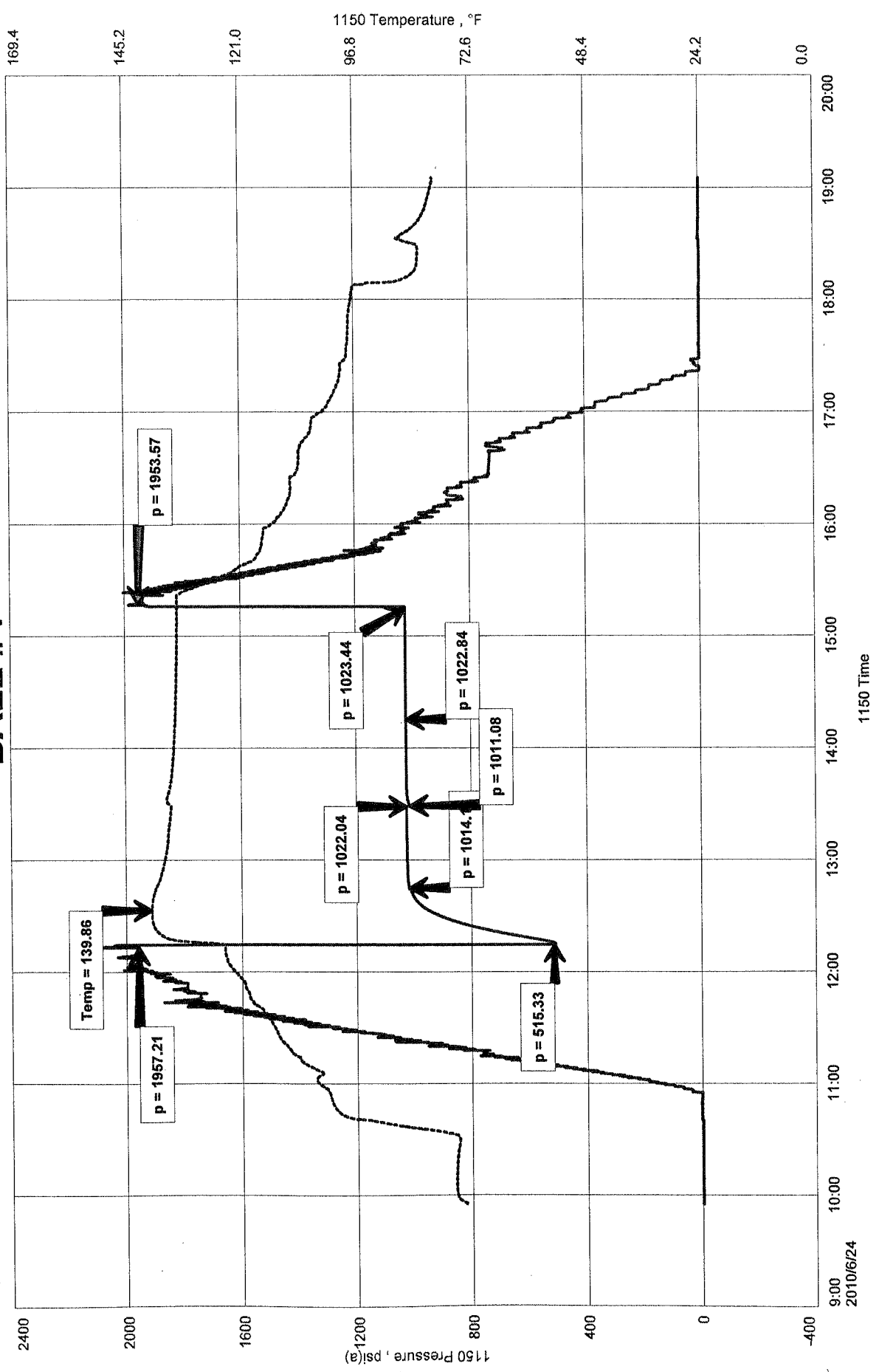
TOOL SAMPLE: 2% OIL, 98% MUD

CHLORIDES: 26,000 Ppm
PH: 7.5
RW: .20 @ 74 deg.

VESS OIL CORPORATION
 DST #1 LKC 'G' 4,094' - 4,120'
 Start Test Date: 2010/06/24
 Final Test Date: 2010/06/24

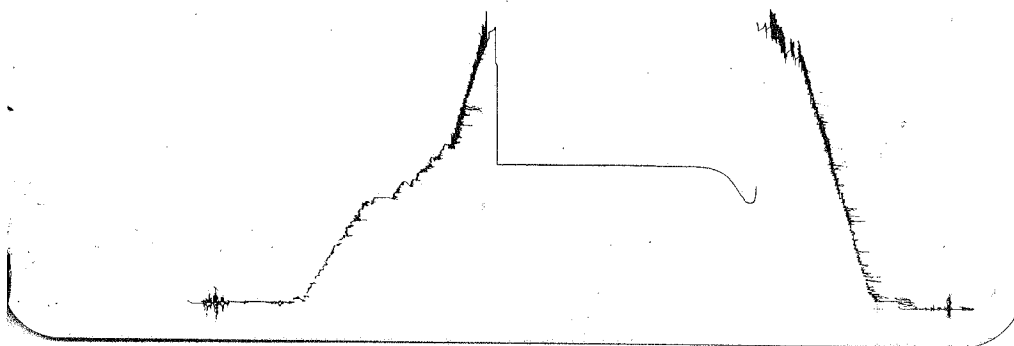
BALL #4
 Formation: DST #1 LKC 'G' 4,094' - 4,120'

BALL #4



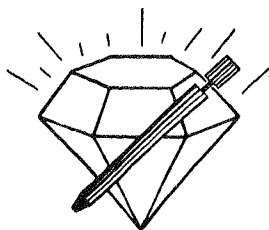
DST #1 OUTSIDE 3815
LCC G

4049-4120
LDC 4117



This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1957	1957
(B) First Initial Flow Pressure.....	515	515
(C) First Final Flow Pressure	1014	1014
(D) Initial Closed-in Pressure	1022	1022
(E) Second Initial Flow Pressure	1011	1011
(F) Second Final Flow Pressure.....	1023	1023
(G) Final Closed-in Pressure.....	1023	1023
(H) Final Hydrostatic Mud	1954	1954



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Company Vess Oil Corporation Lease & Well No. Ball No. 4
Elevation 2981 KB Formation Lansing/Kansas City "K" Effective Pay -- Ft. Ticket No. 2683
Date 6-25-10 Sec. 9 Twp. 19S Range 31W County Scott State Kansas
Test Approved By Roger L. Martin Diamond Representative Roger D. Friedly

Formation Test No. 2 Interval Tested from 4,217 ft. to 4,243 ft. Total Depth 4,243 ft.

Packer Depth 4,212 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,217 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,198 ft. Recorder Number 1150 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,240 ft. Recorder Number 3815 Cap. 5,700 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 57 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.3 Water Loss 8.8 cc. Drill Pipe Length 4,184 ft. I.D. 3 1/2 in.

Chlorides 2,100 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 3 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: Good, 4 in., blow increasing. Off bottom of bucket in 1 1/2 mins. Good, 8 in., blow back during shut-in.

2nd Open: Good, 4 in., blow increasing. Off bottom of bucket in 2 1/2 mins. Weak surface blow back during shut-in.

Recovered 528 ft. of gas in pipe

Recovered 1,085 ft. of clean gassy oil = 11.132100 bbls. (Grind out: 6%-gas; 94%-oil) Gravity: 31.4 @ 60°

Recovered 124 ft. of mud & gas cut oily water = 1.272240 bbls. (Grind out: 16%-gas; 23%-oil; 51%-water; 10%-mud)

Recovered 372 ft. of oil & mud cut gassy water = 3.816720 bbls. (Grind out: 18%-gas; 9%-oil; 61%-water; 12%-mud)

Recovered 186 ft. of salt water with a scum of oil = 1.908360 bbls. (Grind out: 100%-salt water)

Recovered 1,767 ft. of TOTAL FLUID = 18.129420 bbls. Chlorides: 28,500 Ppm PH: 7.5 RW: .18 @ 71°

Remarks Tool Sample Grind Out: 2%-water; 98%-oil

Time Set Packer(s) 2:33 ~~AM~~ P.M. Time Started Off Bottom 5:33 ~~AM~~ P.M. Maximum Temperature 143°

Initial Hydrostatic Pressure (A) 2037 P.S.I.

Initial Flow Period Minutes 30 (B) 89 P.S.I. to (C) 451 P.S.I.

Initial Closed In Period Minutes 45 (D) 914 P.S.I.

Final Flow Period Minutes 45 (E) 465 P.S.I. to (F) 728 P.S.I.

Final Closed In Period Minutes 60 (G) 914 P.S.I.

Final Hydrostatic Pressure (H) 2027 P.S.I.

Diamond Testing

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General information Report

General Information

Company Name VESS OIL CORPORATION

Contact	BILL HORIGAN	Job Number	
Well Name	BALL #4	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #2 LKC 'K' 4,217' - 4,243'	Well Operator	VESS OIL CORPORATION
Surface Location	SEC 9-19S-31W SCOTT COUNTY, KS	Report Date	2010/06/25
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	GRIGSTON SW		
Well Type	Vertical		

Test Type	CONVENTIONAL		
Formation	DST #2 LKC 'K' 4,217' - 4,243'		
Well Fluid Type	01 Oil	Start Test Time	12:30:00
		Final Test Time	22:15:00
Start Test Date	2010/06/25		
Final Test Date	2010/06/25		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 528' GAS IN PIPE
1,085' CGO 6% GAS, 94% OIL 31.4 GRQVITY @ 60 deg.
124' M&GCOW 16% GAS, 23% OIL, 51% WTR, 10% MUD
372' O&MCGW 18% GAS, 9% OIL, 61% WTR, 12% MUD
186' SW 100% WTR, SCUM OF OIL
1,767' TOTAL FLUID

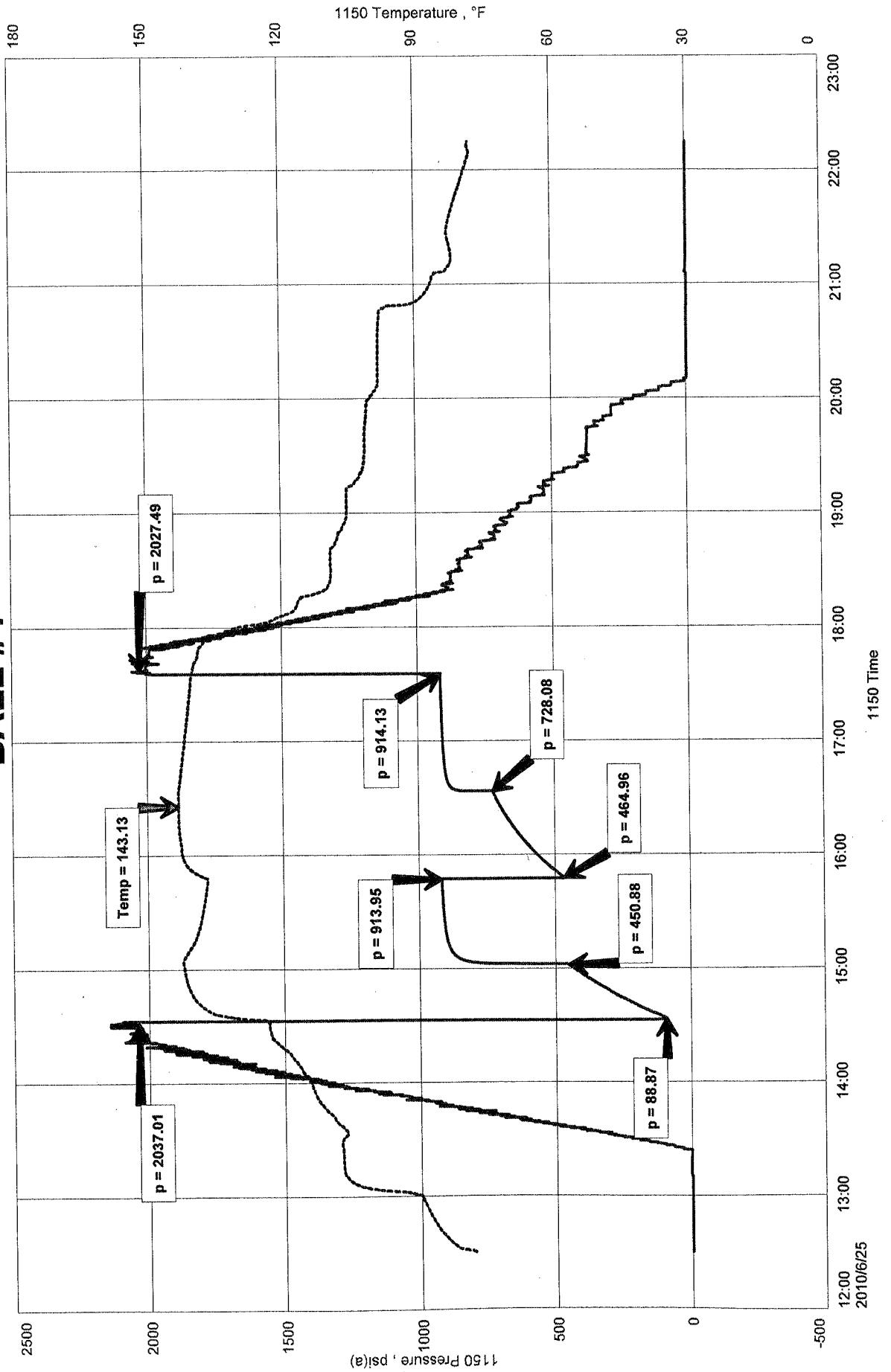
TOOL SAMPLE: 2% WTR, 98% "OIL"

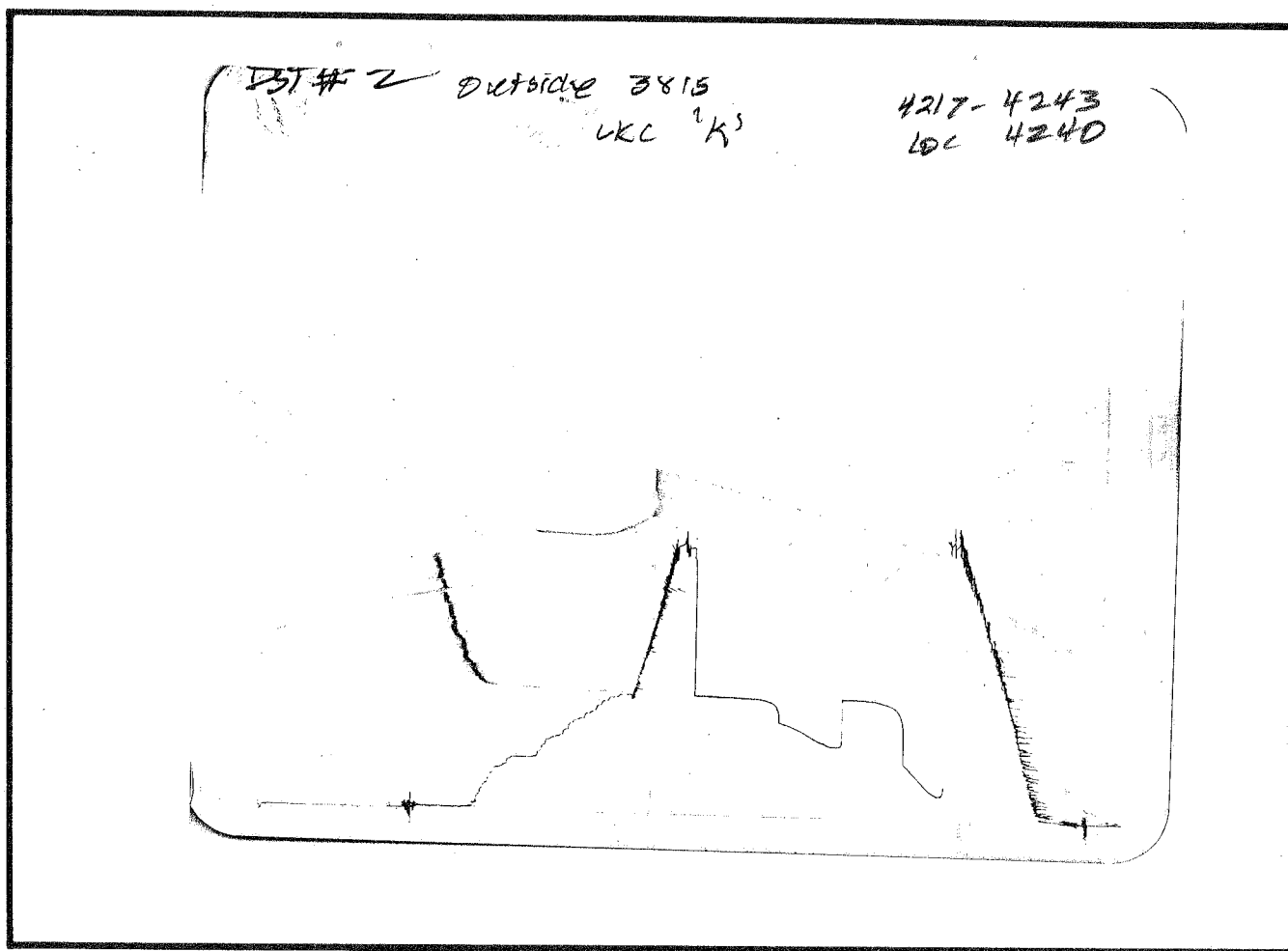
CHLORIDES: 28,500 Ppm
PH: 7.5
RW: .18 @ 71 deg

BALL #4
Formation: DST #2 LKC 'K' 4,217' - 4,243'
Pool:

VESS OIL CORPORATION
DST #2 LKC 'K' 4,217' - 4,243'
Start Test Date: 2010/06/25
Final Test Date: 2010/06/25

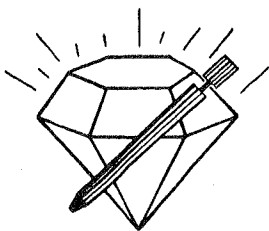
BALL #4





This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	2037	2037
(B) First Initial Flow Pressure.....	89	89
(C) First Final Flow Pressure	451	451
(D) Initial Closed-in Pressure	914	914
(E) Second Initial Flow Pressure.....	465	465
(F) Second Final Flow Pressure.....	728	728
(G) Final Closed-in Pressure	914	914
(H) Final Hydrostatic Mud	2027	2027



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Company Vess Oil Corporation Lease & Well No. Ball No. 4

Elevation 2981 KB Formation Marmaton Effective Pay -- Ft. Ticket No. 2684

Date 6-26-10 Sec. 9 Twp. 19S Range 31W County Scott State Kansas

Test Approved By Roger L. Martin Diamond Representative Roger D. Friedly

Formation Test No. 3 Interval Tested from 4,320 ft. to 4,385 ft. Total Depth 4,385 ft.

Packer Depth 4,315 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,320 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,301 ft. Recorder Number 1150 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,382 ft. Recorder Number 3815 Cap. 5,700 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 55 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 9.6 cc. Drill Pipe Length 4,287 ft. I.D. 3 1/2 in.

Chlorides 2,300 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 3 Anchor Length 34' perf. w/ 31' 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. No blow back during shut-in. Off bottom of bucket in 8 1/2 mins. Decreasing in 18 mins.; 9 ins. at end.

2nd Open: Weak, surface blow increasing. shut-in. Off bottom of bucket in 17 1/2 mins. Weak, 1 1/2 in., blow back during

Recovered 90 ft. of gas in pipe

Recovered 100 ft. of clean oil = 1.026000 bbls. (Gravity: 31.8 @ 60°)

Recovered 30 ft. of gas cut muddy oil = .307800 bbls. (Grind out: 2%-gas; 74%-oil; 24%-mud)

Recovered 310 ft. of gas & heavy oil cut watery mud = 3.180600 bbls. (Grind out: 34%-gas; 37%-oil; 14%-water; 15%-mud)

Recovered 440 ft. of TOTAL FLUID = 4.514400 bbls. Chlorides: 15,000 Ppm PH: 7.0 RW: .34 @ 71°

Remarks Tool Sample Grind Out: 2%-gas; 30%-oil; 39%-water; 29%-mud

Time Set Packer(s) 4:19 XXM. P.M. Time Started Off Bottom 7:19 XXM. P.M. Maximum Temperature 136°

Initial Hydrostatic Pressure (A) 2062 P.S.I.

Initial Flow Period Minutes 30 (B) 24 P.S.I. to (C) 142 P.S.I.

Initial Closed In Period Minutes 45 (D) 268 P.S.I.

Final Flow Period Minutes 45 (E) 146 P.S.I. to (F) 189 P.S.I.

Final Closed In Period Minutes 60 (G) 243 P.S.I.

Final Hydrostatic Pressure (H) 2055 P.S.I.

Diamond Testing

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General information Report

General Information

Company Name VESS OIL CORPORATION

Contact	BILL HORIGAN	Job Number	
Well Name	BALL #4	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #3 MARMATON 4,320' - 4,385'	Well Operator	VESS OIL CORPORATION
Surface Location	SEC 9-19S-31W SCOTT COUNTY, KS	Report Date	2010/06/26
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	GRIGSTON SW		
Well Type	Vertical		

Test Type	CONVENTIONAL		
Formation	DST #3 MARMATON 4,320' - 4,385'		
Well Fluid Type	01 Oil	Start Test Time	14:20:00
		Final Test Time	22:31:00
Start Test Date	2010/06/26		
Final Test Date	2010/06/20		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 90' GAS IN PIPE
100' CLEAN OIL 31.8 GRAVITY @ 60 deg.
30' GCMO 2% GAS, 74% OIL, 24% MUD
310' G&HOCWM 34% GAS, 37% OIL, 14% WTR, 15% MUD
440' TOTAL FLUID

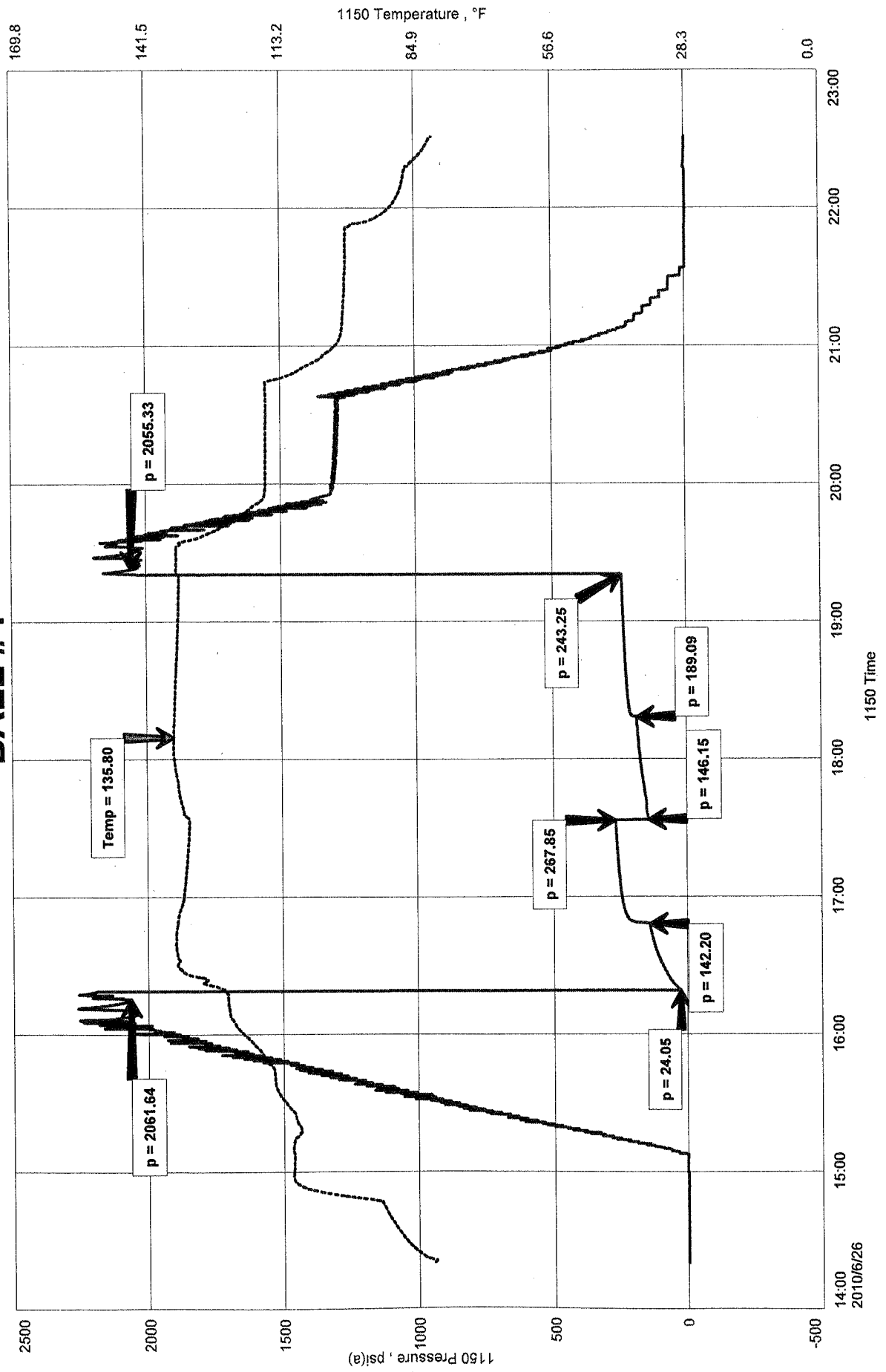
TOOL SAMPLE: 2% GAS, 30% OIL, 39% WTR, 29% MUD

CHLORIDES: 15,000 Ppm
PH: 7.0
RW: .34 @ 71 deg

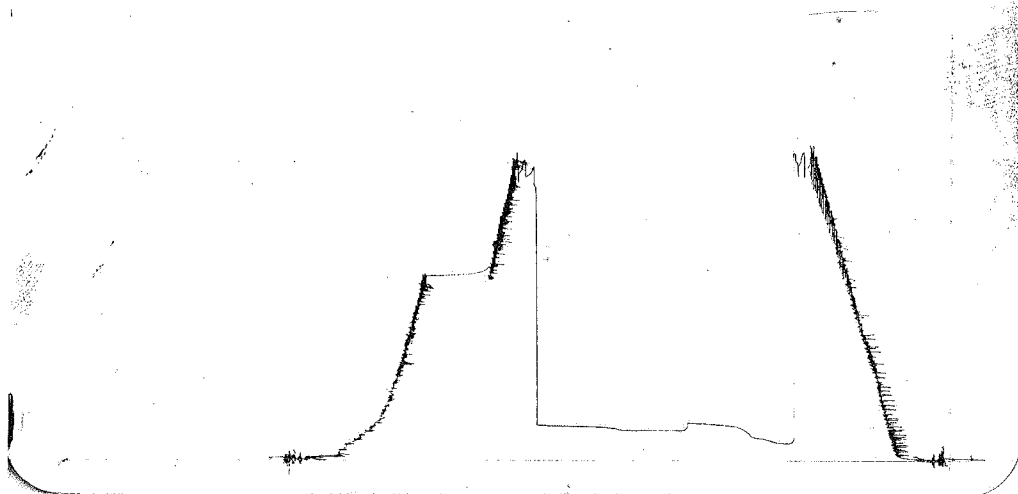
VESS OIL CORPORATION
DST #3 MARMATON 4,320' - 4,385'
Start Test Date: 2010/06/26
Final Test Date: 2010/06/20

Formation: DST #3 MARMATON 4,320' - 4,385'
BALL #4

BALL #4

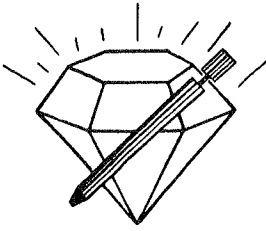


TEST # 3 OUTSIDE 3815 4320-4385
 ITLAWTON LOL 4382



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	2062	2062
(B) First Initial Flow Pressure	24	24
(C) First Final Flow Pressure	142	142
(D) Initial Closed-in Pressure	268	268
(E) Second Initial Flow Pressure	146	146
(F) Second Final Flow Pressure	189	189
(G) Final Closed-in Pressure	243	243
(H) Final Hydrostatic Mud	2055	2055



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Company Vess Oil Corporation Lease & Well No. Ball No. 4
Elevation 2981 KB Formation Altamont Effective Pay -- Ft. Ticket No. 2685
Date 6-27-10 Sec. 9 Twp. 19S Range 31W County Scott State Kansas
Test Approved By Roger L. Martin Diamond Representative Roger D. Friedly
Formation Test No. 4 Interval Tested from 4,390 ft. to 4,415 ft. Total Depth 4,415 ft.
Packer Depth 4,385 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,390 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.
Top Recorder Depth (Inside) 4,371 ft. Recorder Number 1150 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,412 ft. Recorder Number 3815 Cap. 5,700 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 54 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.3 Water Loss 9.6 cc. Drill Pipe Length 4,357 ft. I.D. 3 1/2 in.
Chlorides 2,300 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number 3 Anchor Length 25 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 3 ins. No blow back during shut-in.
2nd Open: Weak, surface blow increasing to 4 ins. No blow back during shut-in.
Recovered 33 ft. of heavy gas & oil cut watery mud = .338580 bbls. (Grind out: 16%-gas; 53%-oil; 9%-water; 22%-mud)
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks Tool Sample Grind Out: 2%-gas; 65%-oil; 6%-water; 27%-mud

Time Set Packer(s) 9:39 A.M. Time Started Off Bottom 12:39 P.M. Maximum Temperature 132°
Initial Hydrostatic Pressure (A) 2132 P.S.I.
Initial Flow Period Minutes 30 (B) 6 P.S.I. to (C) 10 P.S.I.
Initial Closed In Period Minutes 45 (D) 1017 P.S.I.
Final Flow Period Minutes 45 (E) 23 P.S.I. to (F) 35 P.S.I.
Final Closed In Period Minutes 60 (G) 923 P.S.I.
Final Hydrostatic Pressure (H) 2122 P.S.I.

Diamond Testing

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General information Report

General Information

Company Name VESS OIL CORPORATION

Contact	BILL HORIGAN	Job Number	
Well Name	BALL #4	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #4 ALTAMONT 4,390' - 4,415'	Well Operator	VESS OIL CORPORATION
Surface Location	SEC 9-19S-31W SCOTT COUNTY, KS	Report Date	2010/06/27
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	GRIGSTON SW		
Well Type	Vertical		

Test Type	CONVENTIONAL		
Formation	DST #4 ALTAMONT 4,390' - 4,415'		
Well Fluid Type	01 Oil	Start Test Time	07:25:00
		Final Test Time	14:39:00
Start Test Date	2010/06/27		
Final Test Date	2010/06/27		
Gauge Name	1150		
Gauge Serial Number			

Test Results

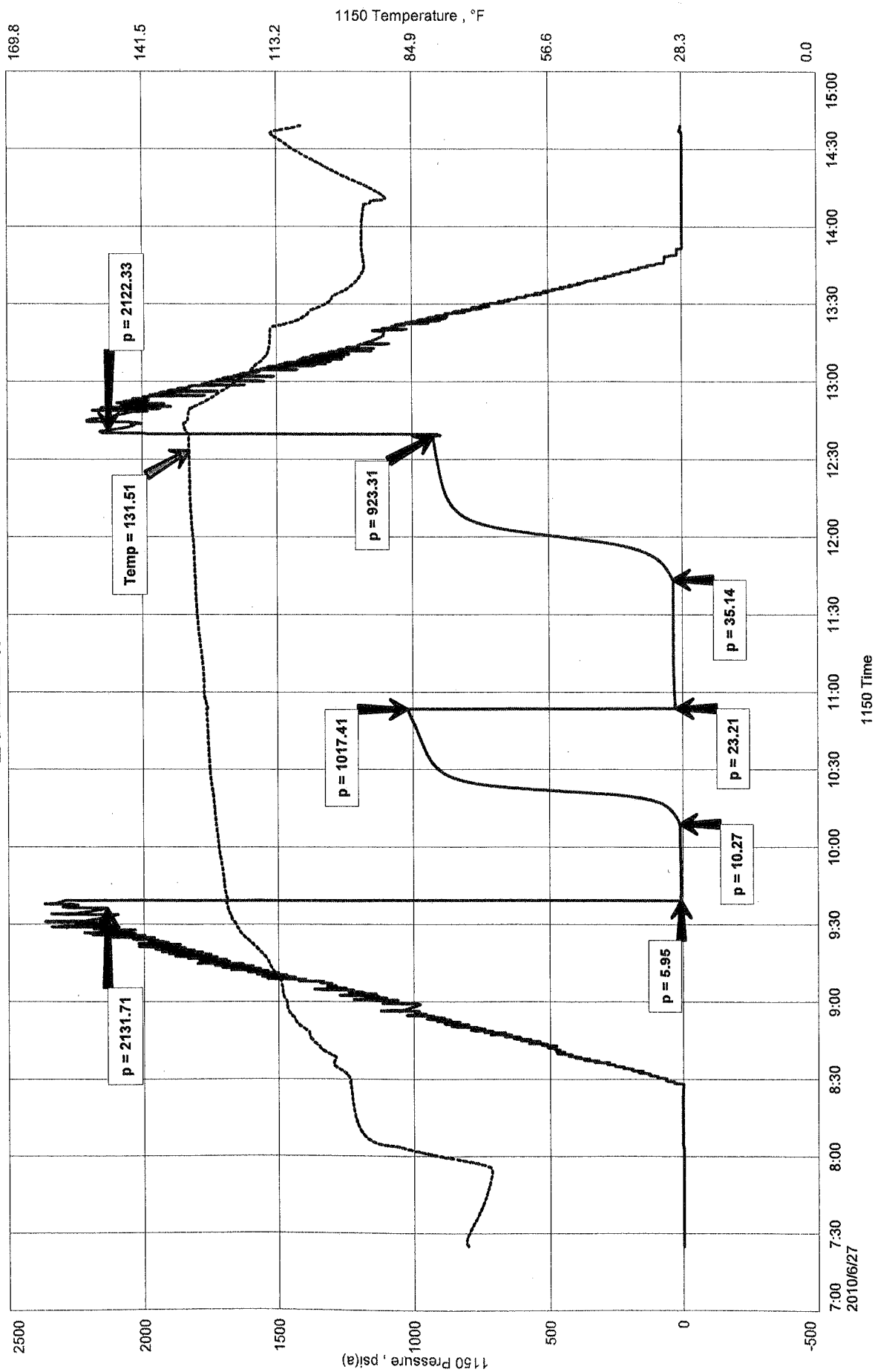
RECOVERED: 33' HG&OCWM 16% GAS, 53% OIL, 9% WTR, 22% MUD

TOOL SAMPLE: 2% GAS, 65% OIL, 6% WTR, 27% MUD

VESS OIL CORPORATION
DST #4 ALTAMONT 4,390' - 4,415'
Start Test Date: 2010/06/27
Final Test Date: 2010/06/27

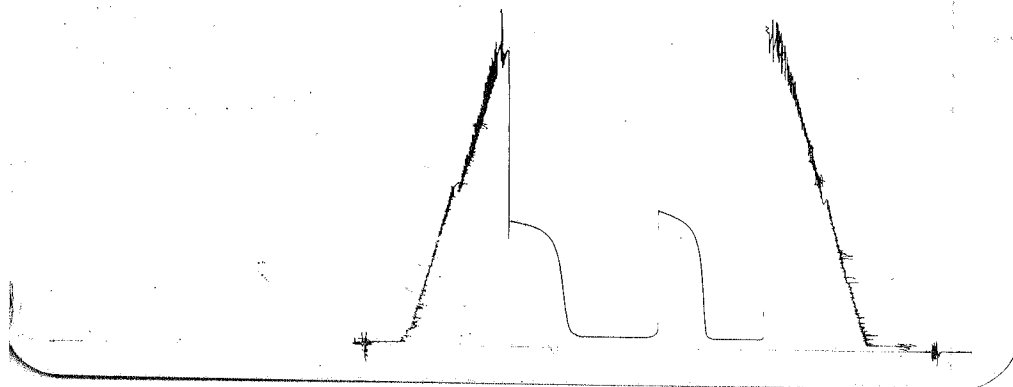
BALL #4
Formation: DST #4 ALTAMONT 4,390' - 4,415'

BALL #4



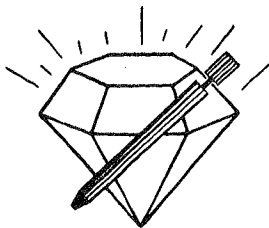
DST #4 outside 3810
Altamond

4390-4415
LOC 4412



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	2132	2132
(B) First Initial Flow Pressure.....	6	6
(C) First Final Flow Pressure	10	10
(D) Initial Closed-in Pressure	1017	1017
(E) Second Initial Flow Pressure	23	23
(F) Second Final Flow Pressure.....	35	35
(G) Final Closed-in Pressure.....	923	923
(H) Final Hydrostatic Mud	2122	2122



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Company Vess Oil Corporation Lease & Well No. Ball No. 4
Elevation 2981 KB Formation Pawnee/Ft. Scott Cherokee/Mississippi Effective Pay -- Ft. Ticket No. 2686
Date 6-28-10 Sec. 9 Twp. 19S Range 31W County Scott State Kansas
Test Approved By Roger L. Martin Diamond Representative Roger D. Friedly
Formation Test No. 5 Interval Tested from 4,420 ft. to 4,580 ft. Total Depth 4,580 ft.
Packer Depth 4,415 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,420 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set -- ft.
Top Recorder Depth (Inside) 4,401 ft. Recorder Number 1150 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,577 ft. Recorder Number 3815 Cap. 5,700 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 49 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.4 Water Loss 8.8 cc. Drill Pipe Length 4,387 ft. I.D. 3 1/2 in.
Chlorides 2,200 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number 3 Anchor Length 33' perf. w/127' 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, 1 in., blow increasing to 8 ins. No blow back during shut-in.
Recovered 217 ft. of gas in pipe
Recovered 31 ft. of oil cut mud = .318060 bbls. (Grind out: 2%-oil; 98%-mud)
Recovered 31 ft. of TOTAL FLUID = .318060 bbls.
Recovered -- ft. of --
Recovered -- ft. of --
Remarks Tool Sample Grind Out: 12%-oil; 88%-mud

Time Set Packer(s) 1:44 ~~AM~~ P.M. Time Started Off Bottom 4:44 ~~AM~~ P.M. Maximum Temperature 132°
Initial Hydrostatic Pressure (A) 2179 P.S.I.
Initial Flow Period Minutes 30 (B) 8 P.S.I. to (C) 14 P.S.I.
Initial Closed In Period Minutes 45 (D) 345 P.S.I.
Final Flow Period Minutes 45 (E) 24 P.S.I. to (F) 31 P.S.I.
Final Closed In Period Minutes 60 (G) 253 P.S.I.
Final Hydrostatic Pressure (H) 2175 P.S.I.

Diamond Testing

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General information Report

General Information

Company Name VESS OIL CORPORATION

Contact

BILL HORIGAN

Well Name

BALL #4

Unique Well ID

DST #5 PAWNEE/MISS. LM 4,420' - 4,580'

Job Number

Surface Location

SEC 9-19S 31W SCOTT COUNTY, KS

Representative

ROGER D. FRIEDLY

Well License Number

Well Operator

VESS OIL CORPORATION

Field

GRIGSTON SW

Report Date

2010/06/28

Well Type

Vertical

Prepared By

ROGER D. FRIEDLY

Test Type

CONVENTIONAL

Formation

DST #5 PAWNEE/MISS. LM 4,420' - 4,580'

Well Fluid Type

01 Oil

Start Test Time

11:20:00

Start Test Date

2010/06/28

Final Test Time

18:53:00

Final Test Date

2010/06/28

Gauge Name

1150

Gauge Serial Number

Test Results

RECOVERED: 217' GAS IN PIPE

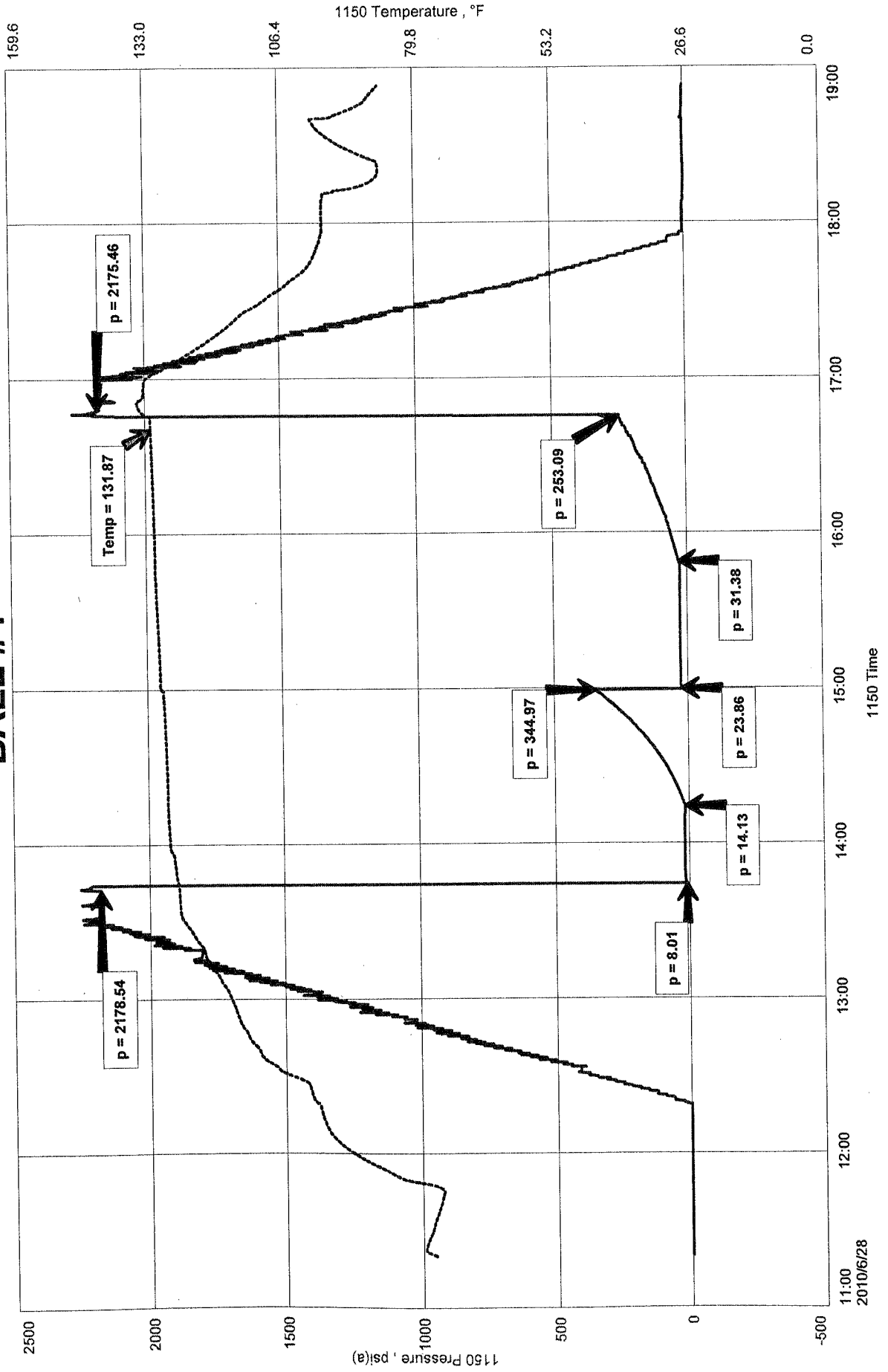
31' OCM 2% OIL, 98% MUD

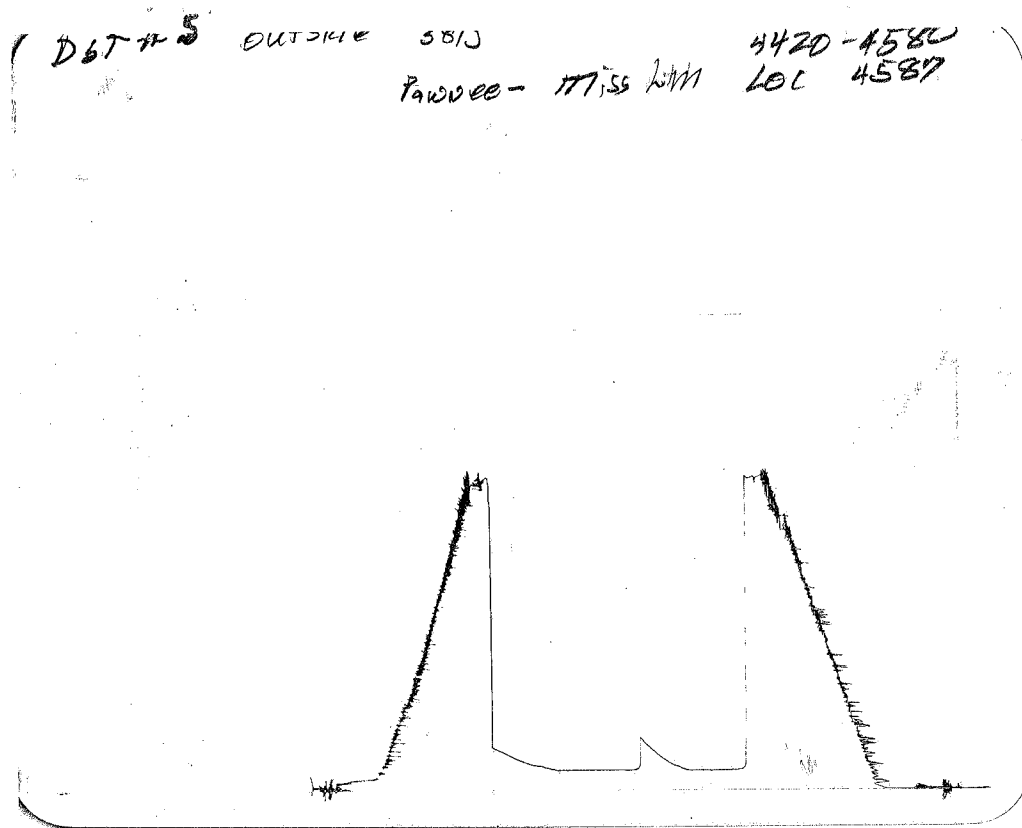
TOOL SAMPLE: 12% OIL, 88% MUD

BALL #4
Formation: DST #5 PAWNEE/MISS. LM 4,420' - 4,580'

VESS OIL CORPORATION
DST #5 PAWNEE/MISS. LM 4,420' - 4,580'
Start Test Date: 2010/06/28
Final Test Date: 2010/06/28

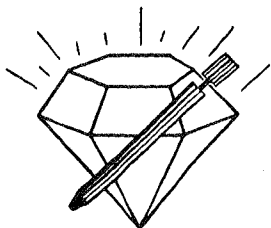
BALL #4





This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	2179	2179
(B) First Initial Flow Pressure	8	8
(C) First Final Flow Pressure	14	14
(D) Initial Closed-in Pressure	345	345
(E) Second Initial Flow Pressure	24	24
(F) Second Final Flow Pressure	31	31
(G) Final Closed-in Pressure	253	253
(H) Final Hydrostatic Mud	2175	2175



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Page 1 of 2 Pages

Company Vess Oil Corporation Lease & Well No. Ball No. 4

Elevation 2981 KB Formation Mississippi Effective Pay -- Ft. Ticket No. 2687

Date 6-29-10 Sec. 9 Twp. 19S Range 31W County Scott State Kansas

Test Approved By Roger L. Martin Diamond Representative Roger D. Friedly

Formation Test No. 6 Interval Tested from 4,584 ft. to 4,605 ft. Total Depth 4,605 ft.

Packer Depth 4,579 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,584 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,565 ft. Recorder Number 1150 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,602 ft. Recorder Number 3815 Cap. 5,700 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 60 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.5 Water Loss 8.8 cc. Drill Pipe Length 4,551 ft. I.D. 3 1/2 in.

Chlorides 2,400 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 3 Anchor Length 21 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 1/4 in.; decreasing in 10 mins. Dead in 25 mins. No blow back during shut-in.

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

Recovered 5 ft. of drilling mud with oil specks = .051300 bbls. (Grind out: 100%-drilling mud)

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks Tool Sample Grind Out: 4%-oil; 96%-mud

Time Set Packer(s) 7:35 A.M. P.M. Time Started Off Bottom 10:35 A.M. P.M. Maximum Temperature 133°

Initial Hydrostatic Pressure (A) 2256 P.S.I.

Initial Flow Period Minutes 30 (B) 5 P.S.I. to (C) 9 P.S.I.

Initial Closed In Period Minutes 45 (D) 973 P.S.I.

Final Flow Period Minutes 45 (E) 16 P.S.I. to (F) 26 P.S.I.

Final Closed In Period Minutes 60 (G) 967 P.S.I.

Final Hydrostatic Pressure (H) 2203 P.S.I.

Diamond Testing

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General information Report

General Information

Company Name VESS OIL CORPORATION

Contact	BILL HORGAN	Job Number	
Well Name	BALL #4	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #6 MISSISSIPPI 4,584' - 4,605'	Well Operator	VESS OIL CORPORATION
Surface Location	SEC 9-19S-31W SCOTT COUNTY, KS	Report Date	2010/06/29
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	GRIGSTON SW		
Well Type	Vertical		

Test Type	CONVENTIONAL		
Formation	DST #6 MISSISSIPPI 4,584' - 4,605'		
Well Fluid Type	01 Oil	Start Test Time	05:20:00
		Final Test Time	12:43:00
Start Test Date	2010/06/29		
Final Test Date			
Gauge Name	1150		
Gauge Serial Number			

Test Results

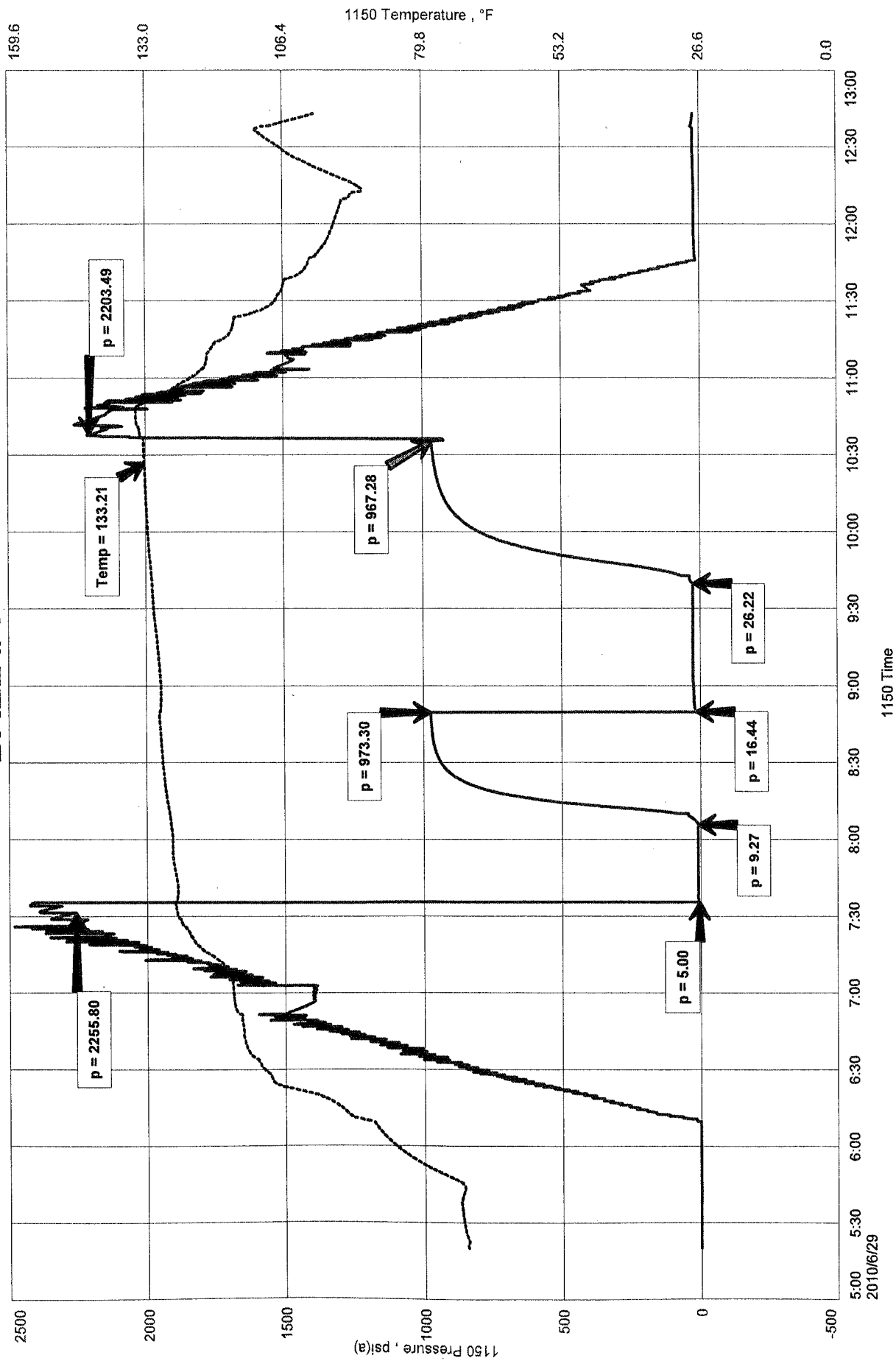
RECOVERED: 5' DM 100% MUD - OIL SPECKS

TOOL SAMPLE: 4% OIL, 96% MUD

VESS OIL CORPORATION
 DST #6 MISSISSIPPI 4,584' - 4,605'
 Start Test Date: 2010/06/29

BALL #4
 Formation: DST #6 MISSISSIPPI 4,584' - 4,605'

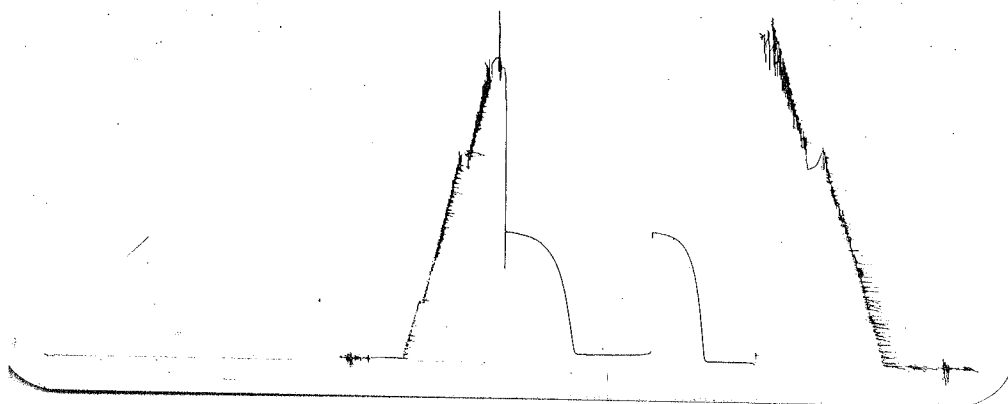
BALL #4



DST # L outside 3813

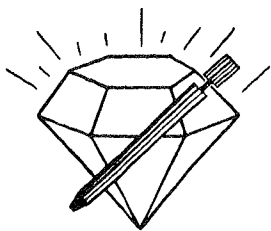
1975

4584-4605
LOL 4602



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	
	Field Reading			
(A)	Initial Hydrostatic Mud	2256	2256	PSI
(B)	First Initial Flow Pressure.....	5	5	PSI
(C)	First Final Flow Pressure	9	9	PSI
(D)	Initial Closed-in Pressure	973	973	PSI
(E)	Second Initial Flow Pressure	16	16	PSI
(F)	Second Final Flow Pressure.....	26	26	PSI
(G)	Final Closed-in Pressure.....	967	967	PSI
(H)	Final Hydrostatic Mud	2203	2203	PSI



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Page 1 of 2 Pages

Company Vess Oil Corporation Lease & Well No. Ball No. 4

Elevation 2981 KB Formation Mississippi Spergen Dolomite Effective Pay -- Ft. Ticket No. 2688

Date 6-29-10 Sec. 9 Twp. 19S Range 31W County Scott State Kansas

Test Approved By Roger L. Martin Diamond Representative Roger D. Friedly

Formation Test No. 7 Interval Tested from 4,585 ft. to 4,610 ft. Total Depth 4,610 ft.

Packer Depth 4,580 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,585 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,566 ft. Recorder Number 1150 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,607 ft. Recorder Number 3815 Cap. 5,700 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 60 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.5 Water Loss 8.8 cc. Drill Pipe Length 4,552 ft. I.D. 3 1/2 in.

Chlorides 2,400 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 3 Anchor Length 25 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 3 ins. No blow back during shut-in.

2nd Open: Weak, surface blow in 6 mins., increasing to 3 1/2 mins. No blow back during shut-in.

Recovered 65 ft. of gas in pipe

Recovered 10 ft. of clean oil = .102600 bbls. (Gravity: 31.5 @ 60°)

Recovered 47 ft. of slightly gas & water cut oily mud = .482220 bbls. (Grind out: 2%-gas; 10%-oil; 2%-water; 86%-mud)

Recovered 57 ft. of TOTAL FLUID = .584820 bbls. Chlorides: 5,000 Ppm PH: 8.5 RW: .90 @ 60°

Recovered -- ft. of --

Remarks Tool Sample Grind Out: 4%-gas; 37%-oil; 12%-water; 47%-mud

Time Set Packer(s) 10:33 ~~AM~~ P.M. Time Started Off Bottom 1:33 ~~PM~~ A.M. Maximum Temperature 132°

Initial Hydrostatic Pressure (A) 2225 P.S.I.

Initial Flow Period Minutes 30 (B) 8 P.S.I. to (C) 33 P.S.I.

Initial Closed In Period Minutes 45 (D) 961 P.S.I.

Final Flow Period Minutes 45 (E) 21 P.S.I. to (F) 39 P.S.I.

Final Closed In Period Minutes 60 (G) 958 P.S.I.

Final Hydrostatic Pressure (H) 2216 P.S.I.

Diamond Testing

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General information Report

General Information

Company Name VESS OIL CORPORATION

Contact	BILL HORIGAN	Job Number	
Well Name	BALL #4	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #7 MISS. SPERGON DOL. 4,585' - 4,610'	Well Operator	VESS OIL CORPORATION
Surface Location	SEC 9-19S-31W SCOTT COUNTY, KS	Report Date	2010/06/30
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	GRIGSTON SW		
Well Type	Vertical		

Test Type	CONVENTIONAL		
Formation	DST #7 MISS. SPERGON DOL. 4,585' - 4,610'		
Well Fluid Type	01 Oil	Start Test Time	20:45:00
		Final Test Time	04:06:00
Start Test Date	2010/06/29		
Final Test Date	2010/06/30		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 65' GAS IN PIPE

10' CLEAN OIL 31.5 GRAVITY @ 60 deg.

47' SLTG&WCOM 2% GAS, 10% OIL, 2% WTR, 86% MUD

57' TOTAL FLUID

TOOL SAMPLE: 4% GAS, 37% OIL, 12% WTR, 47% MUD

CHLORIDES: 5,000 Ppm

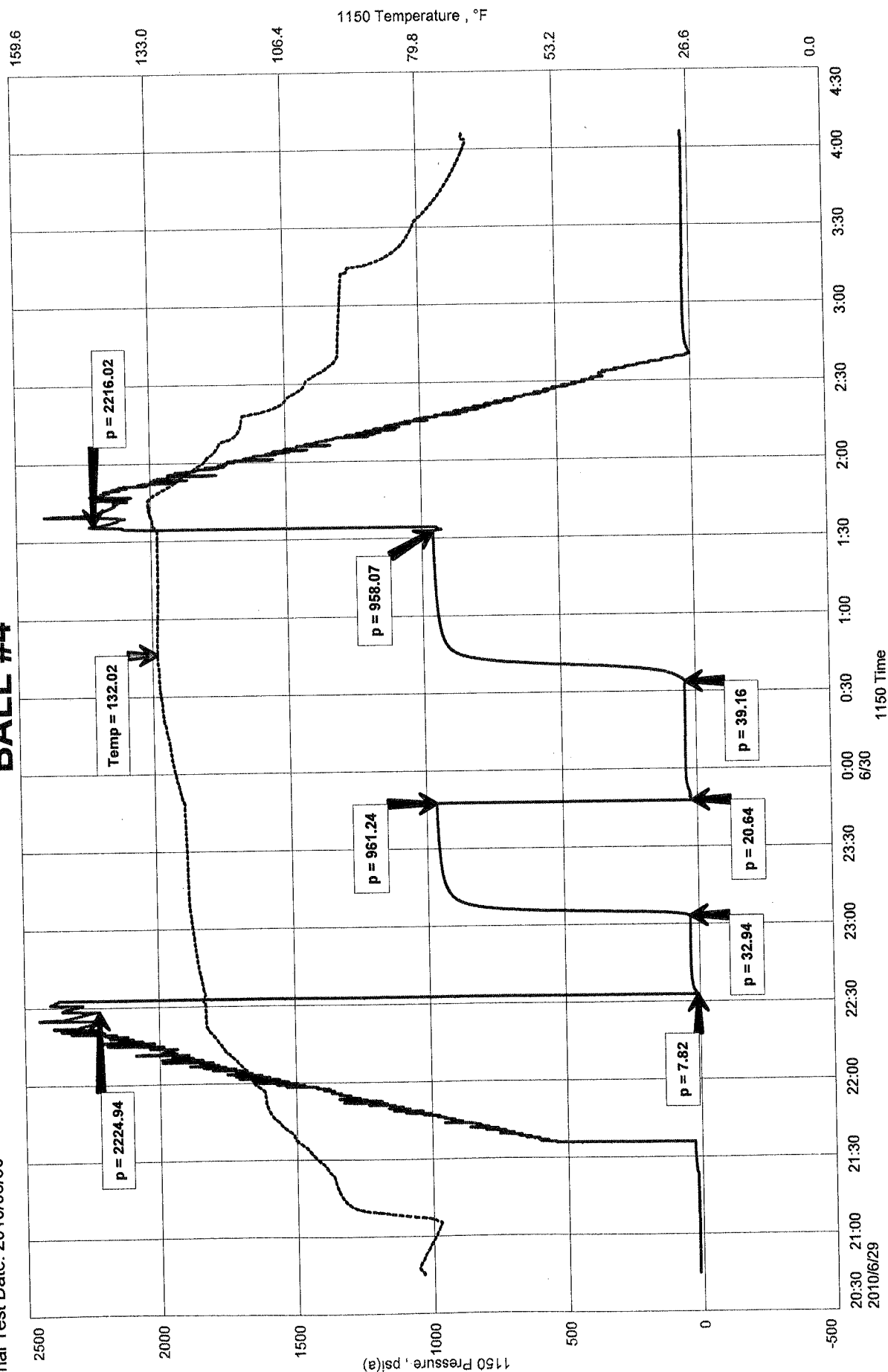
PH 8.5

RW: .90 @ 60 deg

BALL #4

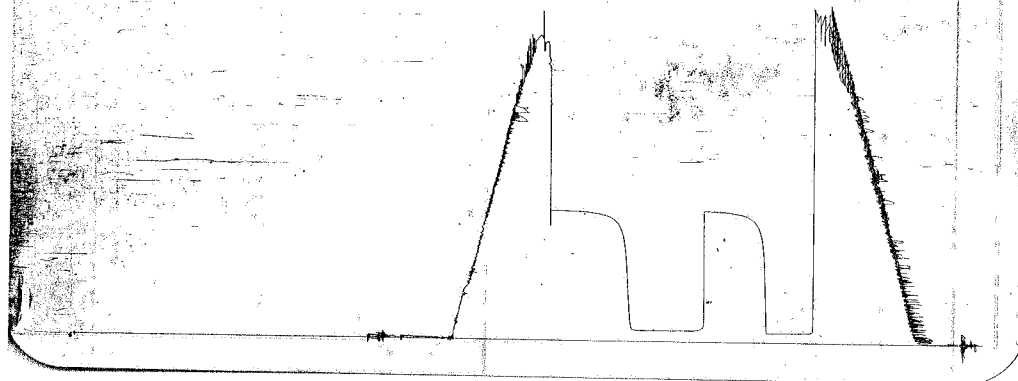
VESS OIL CORPORATION
DST #7 MISS. SPERGON DOL. 4,585' - 4,610'
Start Test Date: 2010/06/29
Final Test Date: 2010/06/30

BALL #4



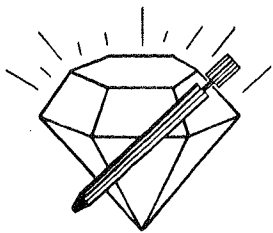
DST # 7 2016/01/01 0010
MISS

4585-4610
601 4607



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	2225	2225
(B) First Initial Flow Pressure	8	8
(C) First Final Flow Pressure	33	33
(D) Initial Closed-in Pressure	961	961
(E) Second Initial Flow Pressure	21	21
(F) Second Final Flow Pressure	39	39
(G) Final Closed-in Pressure	958	958
(H) Final Hydrostatic Mud	2216	2216



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Page 1 of 2 Pages

Company Vess Oil Corporation Lease & Well No. Ball No. 4

Elevation 2981 KB Formation Mississippi Spergen Dolomite Effective Pay -- Ft. Ticket No. 2689

Date 6-30-10 Sec. 9 Twp. 19S Range 31W County Scott State Kansas

Test Approved By Roger L. Martin Diamond Representative Roger D. Friedly

Formation Test No. 8 Interval Tested from 4,614 ft. to 4,628 ft. Total Depth 4,628 ft.

Packer Depth 4,609 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,614 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,595 ft. Recorder Number 1150 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,625 ft. Recorder Number 3815 Cap. 5,700 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 50 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 9.6 cc. Drill Pipe Length 4,581 ft. I.D. 3 1/2 in.

Chlorides 2,400 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 3 Anchor Length 14 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 3 1/8 ins. No blow back during shut-in.

2nd Open: Weak, surface blow after 4 mins., increasing to 4 1/2 ins. No blow back during shut-in.

Recovered 6 ft. of clean oil = .061560 bbls. (Gravity: 31.5 @ 60°)

Recovered 2 ft. of mud cut oily water = .020520 bbls. (Grind out: 34%-oil; 44%-water; 22%-mud)

Recovered 62 ft. of slightly oil cut muddy water = .636120 bbls. (Grind out: 1%-oil; 64%-water; 35%-mud)

Recovered 70 ft. of TOTAL FLUID = .718200 bbls. Chlorides: 6,000 Ppm PH: 6.5 RW: .84 @ 64°

Recovered -- ft. of --

Remarks Tool Sample Grind Out: 16%-oil; 54%-water; 30%-mud

Time Set Packer(s) 5:50 ~~XXX~~ P.M. Time Started Off Bottom 8:50 ~~XXX~~ P.M. Maximum Temperature 135°

Initial Hydrostatic Pressure (A) 2234 P.S.I.

Initial Flow Period Minutes 30 (B) 9 P.S.I. to (C) 29 P.S.I.

Initial Closed In Period Minutes 45 (D) 955 P.S.I.

Final Flow Period Minutes 45 (E) 24 P.S.I. to (F) 38 P.S.I.

Final Closed In Period Minutes 60 (G) 952 P.S.I.

Final Hydrostatic Pressure (H) 2223 P.S.I.

Diamond Testing

Page 2 of 2 Pages
General information Report

General Information

Company Name VESS OIL CORPORATION

Contact	BILL HORIGAN	Job Number	
Well Name	BALL #4	Representative	ROGER D, FRIEDLY
Unique Well ID	DST #8 MISS. SPER. DOL. 4,614' - 4,628'	Well Operator	VESS OIL CORPORATION
Surface Location	SEC 9-19S-31W SCOTT COUNTY, KS	Report Date	2010/06/30
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	GRIGSTON SW		
Well Type	Vertical		

Test Type	CONVENTIONAL		
Formation	DST #8 MISS. SPER. DOL. 4,614' - 4,628'		
Well Fluid Type	01 Oil	Start Test Time	15:48:00
		Final Test Time	23:51:00
Start Test Date	2010/06/30		
Final Test Date	2010/06/30		
Gauge Name	11550		
Gauge Serial Number			

Test Results

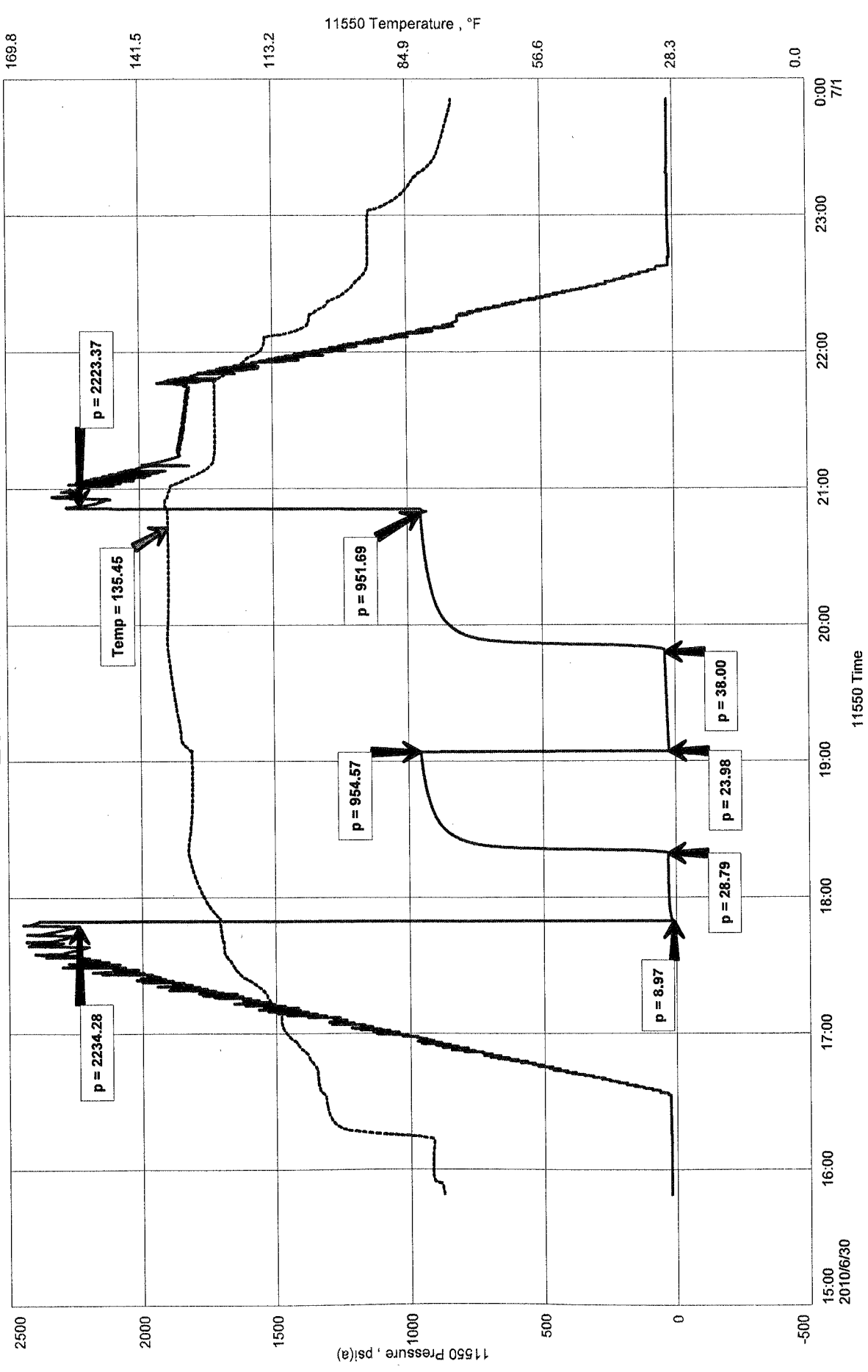
RECOVERED: 6' CLEAN OIL 31.5 GRAVITY @ 60 deg
2' MCOW 34% OIL, 44% WTR, 22% MUD
62' SLTOCMW 1% OIL, 64% WTR, 35% MUD
70' TOTAL FLUID

TOOL SAMPLE: 16% OIL, 54% WTR, 30% MUD

CHLORIDES: 6,000 Ppm
PH: 6.5
RW: .84 @ 64 deg

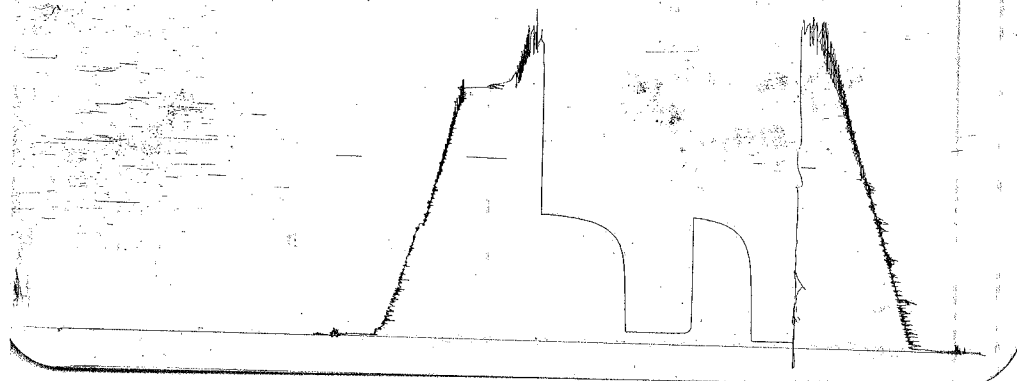
VESS OIL CORPORATION
DST #8 MISS. SPER. DOL. 4,614' - 4,628'
Start Test Date: 2010/06/30
Final Test Date: 2010/06/30

BALL #4



DST # 8 outside 3815
17750

4614-4628
LOC 4625



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading
	Field Reading		
(A) Initial Hydrostatic Mud	2234	2234	PSI
(B) First Initial Flow Pressure.....	9	9	PSI
(C) First Final Flow Pressure	29	29	PSI
(D) Initial Closed-in Pressure	955	955	PSI
(E) Second Initial Flow Pressure.....	24	24	PSI
(F) Second Final Flow Pressure.....	38	38	PSI
(G) Final Closed-in Pressure.....	952	952	PSI
(H) Final Hydrostatic Mud.....	2223	2223	PSI