

DIAMOND TESTING

P.O. Box 157

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HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

Company Vess Oil Corporation Lease & Well No. Phillips-Mingenback #1

Elevation 1455 KB Formation Hunton Effective Pay -- Ft. Ticket No. 2800

Date 6-21-11 Sec. 25 Twp. 24S Range 4E County Butler State Kansas

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

Formation Test No. 2 Interval Tested from 2,667 ft. to 2,796 ft. Total Depth 2,796 ft.

Packer Depth 2,662 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 2,667 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 2,648 ft. Recorder Number 8471 Cap. 10,000 psi

Bottom Recorder Depth (Outside) 2,793 ft. Recorder Number 11029 Cap. 5,025 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor C & G Drilling Company - Rig 1 Drill Collar Length 91 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 56 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 9.6 cc. Drill Pipe Length 2,543 ft. I.D. 3 1/2 in.

Chlorides 1,500 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 4 Anchor Length 39' perf. w/ 90 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 FH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 30 secs. No blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 1 min., decreasing in 20 mins. Died in 27 mins. No blow back during shut-in.

Recovered 248 ft. of muddy water = 2.544480 bbls. (Grind out: 37%-mud; 63%-water)

Recovered 558 ft. of muddy water = 5.725080 bbls. (Grind out: 21%-mud; 79%-water)

Recovered 1,303 ft. of salt water = 13.368780 bbls. (Grind out: 100%-salt water)

Recovered 91 ft. of salt water = .447720 bbls. (Grind out: 100%-water) Chlorides: 10,500 Ppm

Recovered 2,200 ft. of TOTAL FLUID = 22.086060 bbls. PH: 7.0
RW: .48 @ 76°

Remarks Tool Sample Grind Out: 100%-water

Time Set Packer(s) 7:15 A.M. ~~P.M.~~ Time Started Off Bottom 10:15 A.M. ~~P.M.~~ Maximum Temperature 116°

Initial Hydrostatic Pressure (A) 1224 P.S.I.

Initial Flow Period Minutes 30 (B) 203 P.S.I. to (C) 891 P.S.I.

Initial Closed In Period Minutes 45 (D) 992 P.S.I.

Final Flow Period Minutes 45 (E) 864 P.S.I. to (F) 992 P.S.I.

Final Closed In Period Minutes 60 (G) 992 P.S.I.

Final Hydrostatic Pressure (H) 1221 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	PHILLIPS-MINGENBACK #1	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #1 HUNTON 2,667' - 2,796'	Well Operator	VESS OIL CORPORATION
Surface Location	SEC 25-24S-4E BUTLER COUNTY, KS	Report Date	2011/06/21
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL DRILL-STEM TEST		
Formation	DST #2 HUNTON 2,667' - 2,796'		
Well Fluid Type	06 Water	Start Test Time	03:52:00
		Final Test Time	15:18:00
Start Test Date	2011/06/21		
Final Test Date	2011/06/21		
Gauge Name	8471		
Gauge Serial Number			

Test Results

RECOVERED: 248' MW 63% WTR, 37% MUD
558' MW 79% WTR, 21% MUD
1,303' SW 100% WTR
91' SW 100% WTR
2,200' TOTAL FLUID

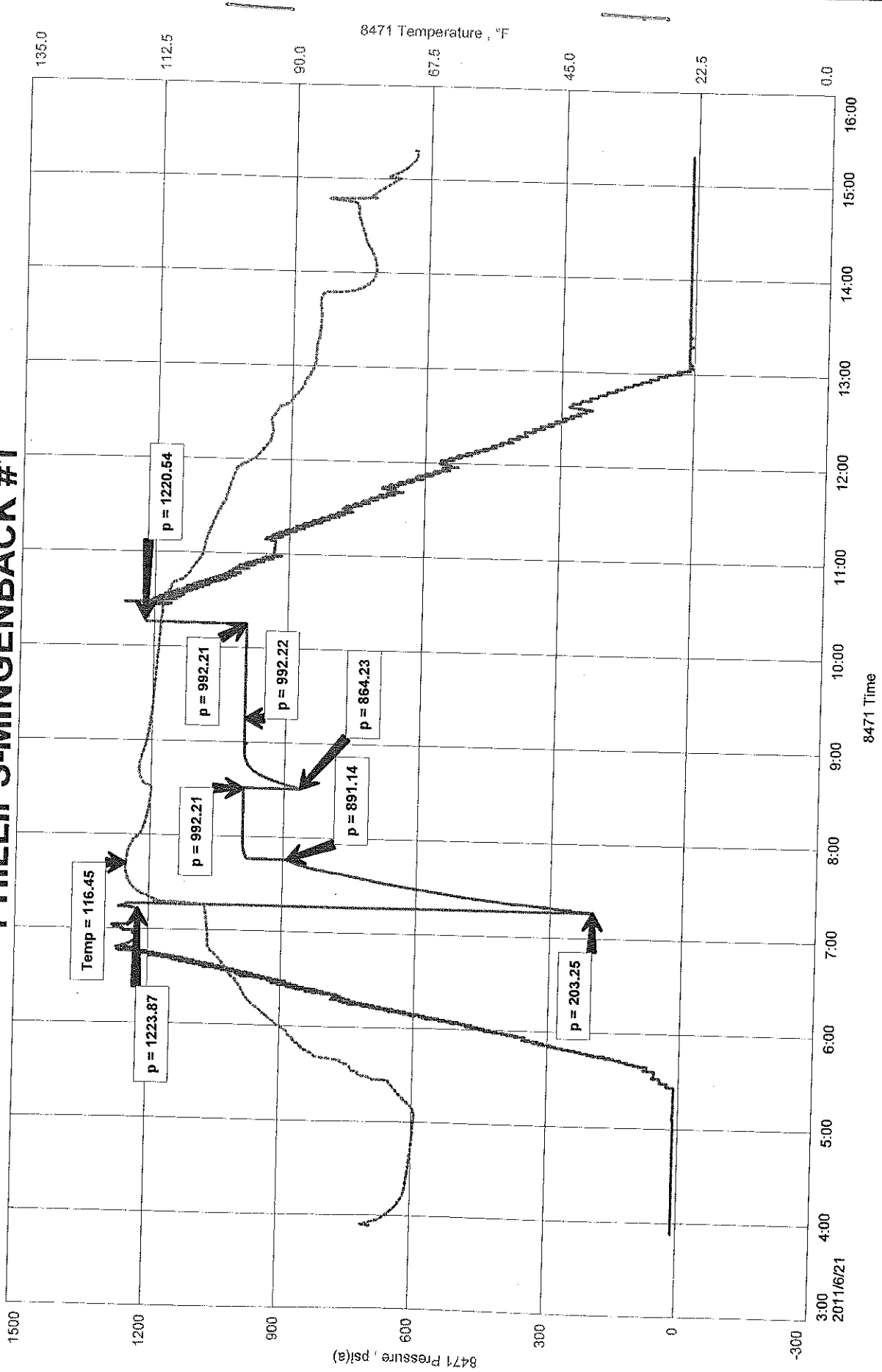
TOOL SAMPLE: 100% SW

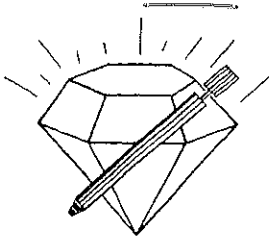
CHLORIDES: 10,500 Ppm
PH: 7.0
RW: .48 @ 76 deg.

VESS OIL CORPORATION
 DST #1 HUNTON 2,667' - 2,796'
 Start Test Date: 2011/06/21
 Final Test Date: 2011/06/21

PHILLIPS-MINGENBACK #1
 Formation: DST #2 HUNTON 2,667' - 2,796'
 Pool: WILDCAT

PHILLIPS-MINGENBACK #1





DIAMOND TESTING

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HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

Company Vess Oil Corporation Lease & Well No. Phillips-Mingenback #1
Elevation 1455 KB Formation Mississippi-Chert Effective Pay -- Ft. Ticket No. 2799
Date 6-19-11 Sec. 25 Twp. 24S Range 4E County Butler State Kansas

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

Formation Test No. 1 Interval Tested from 2,608 ft. to 2,646 ft. Total Depth 2,646 ft.

Packer Depth 2,603 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 2,608 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 2,589 ft. Recorder Number 8471 Cap. 10,000 psi

Bottom Recorder Depth (Outside) 2,643 ft. Recorder Number 11029 Cap. 5,025 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor C & G Drilling Company - Rig 1 Drill Collar Length 181 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 44 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 9.6 cc. Drill Pipe Length 2,394 ft. I.D. 3 1/2 in.

Chlorides 1,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 4 Anchor Length 38 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 FH in.

Blow: 1st Open: *Weak, 1/8 in., blow increasing to 1/4 in. No blow back during shut-in.
2nd Open: No blow for 10 mins. Weak, surface blow throughout. No blow back during shut-in.

Recovered 52 ft. of watery mud = .533520 bbls. (Grind out: 18%-water; 82%-mud)

Recovered 93 ft. of watery mud = .457560 bbls. (Grind out: 16%-water; 84%-mud)

Recovered 58 ft. of watery mud with a scum of oil = .285360 bbls. (Grind out: 18%-water; 82%-mud)

Recovered 30 ft. of oil cut watery mud = .147600 bbls. (Grind out: 4%-oil; 20%-water; 76%-mud) Chlorides: 8,000 Ppm

Recovered 233 ft. of TOTAL FLUID = 1.630480 bbls. PH: 7.0
RW: .49 @ 64°

Remarks Tool Sample Grind Out: 8%-oil; 27%-water; 65%-mud

*Lost 30' to 40' drilling mud on initial opening. Bled off.

Time Set Packer(s) 10:27 ~~XXX~~ P.M. Time Started Off Bottom 1:27 ~~P.M.~~ A.M. Maximum Temperature 108°

Initial Hydrostatic Pressure (A) 1202 P.S.I.

Initial Flow Period Minutes 30 (B) 143 P.S.I. to (C) 146 P.S.I.

Initial Closed In Period Minutes 45 (D) 584 P.S.I.

Final Flow Period Minutes 45 (E) 150 P.S.I. to (F) 144 P.S.I.

Final Closed In Period Minutes 60 (G) 577 P.S.I.

Final Hydrostatic Pressure (H) 1199 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	PHILLIPS-MINGENBACK #1	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #1 MISS-CHERT 2,608' - 2,646'	Well Operator	VESS OIL CORPORATION
Surface Location	SEC 25-24S-4E BUTLER COUNTY, KS	Report Date	2011/06/20
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL DRILL-STEM TEST	Start Test Time	19:31:00
Formation	DST #1 MISS-CHERT 2,608' - 2,646'	Final Test Time	05:30:00
Well Fluid Type	01 Oil		
Start Test Date	2011/06/19		
Final Test Date	2011/06/20		
Gauge Name	8471		
Gauge Serial Number			

Test Results

RECOVERED: 53' WM 18% WTR, 82% MUD
93' WM 16% WTR, 84% MUD
58' WM 18% WTR, 82% MUD - SCUM OF OIL
30' OCWM 4% OIL, 20% WTR, 76% MUD
233' TOTAL FLUID

TOOL SAMPLE: 8% OIL, 27% WTR, 65% MUD

CHLORIDES 8,000 Ppm
PH: 7.0
RW: .49 @ 64 deg

VESS OIL CORPORATION
 DST #1 MISS-CHERT 2,608' - 2,646'
 Start Test Date: 2011/06/19
 Final Test Date: 2011/06/20

PHILLIPS-MINGENBACK #1
 Formation: DST #1 MISS-CHERT 2,608' - 2,646'

PHILLIPS-MINGENBACK #1

