



DIAMOND TESTING, LLC
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (620) 653-7550 • (800) 542-7313
 wilsona448dst1

Company Vess Oil Corporation Lease & Well No. Wilson "A" No. 448
 Elevation 1371 KB Formation Viola Effective Pay Ft. Ticket No. F120
 Date 4-16-13 Sec. 9 Twp. 25S Range 5E County Butler State Kansas
 Test Approved By Roger L. Martin Diamond Representative Jake Fahrenbruch

Formation Test No. 1 Interval Tested from 2,437 ft. to 2,522 ft. Total Depth 2,522 ft.
 Packer Depth 2,432 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Packer Depth 2,437 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 2,406 ft. Recorder Number 0062 Cap. 5,000 psi.
 Bottom Recorder Depth (Outside) 2,519 ft. Recorder Number 11033 Cap. 5,150 psi.
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor C & G Drilling Company - Rig 1 Drill Collar Length 120 ft I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 54 Weight Pipe Length ft I.D. in.
 Weight 9.4 Water Loss 10.2 cc. Drill Pipe Length 2,284 ft I.D. 3 1/2 in.
 Chlorides 900 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number 5 Anchor Length 23' perf. w/62' 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: Surface blow increasing. Off bottom of bucket in 28 mins. No blow back during shut-in.
 2nd Open: Surface blow increasing. Off bottom of bucket in 37 mins. No blow back during shut-in.

Recovered 15 ft. of oil specked mud = .162600 bbls. (Grind out: 1%-oil; 99%-mud)
 Recovered 210 ft. of slightly oil specked water cut mud = 1.568000 bbls. (Grind out: 1%-oil; 22%-water; 77%-mud) Chlorides: 7,500 Ppm PH: 8.0 RW: 1.32 @ 44°
 Recovered 225 ft. of TOTAL FLUID = 1.728600 bbls.
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Remarks Tool Sample Grind Out: 2%-oil; 20%-water; 78%-mud

Time Set Packer(s) 3:18 P.M. Time Started off Bottom 6:18 P.M. Maximum Temperature 100°
 Initial Hydrostatic Pressure.....(A) 1182 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 11 P.S.I. to (C) 76 P.S.I.
 Initial Closed In Period.....Minutes 45 (D) 594 P.S.I.
 Final Flow Period.....Minutes 45 (E) 76 P.S.I. to (F) 119 P.S.I.
 Final Closed In Period.....Minutes 60 (G) 596 P.S.I.
 Final Hydrostatic Pressure.....(H) 1181 P.S.I.



Diamond Testing Gener

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

General Information

| | | | |
|---------------|----------------------|------------------|-----------|
| Company Name | Vess Oil Corporation | Well Name | |
| Well Operator | Vess Oil Corporation | Unique Well ID | DST #1 |
| Contact | Casey Coats | Surface Location | Sec 9-25s |
| Site Contact | Roger Martin | Test Unit | |
| Field | El Dorado | Pool | |
| Well Type | Vertical | Job Number | |
| Prepared By | Jake Fahrenbruch | Qualified By | |

Test Information

| | | | |
|-----------------|--------------------------|-----------------|---------|
| Test Type | Conventional Bottom-Hole | Test Purpose | Initial |
| Formation | Viola 2437'-2522' | Gauge Name | (|
| Start Test Date | 2013/04/16 | Start Test Time | 12:3 |
| Final Test Date | 2013/04/16 | Final Test Time | 22:3 |

Test Results

Initial Flow: (30 min) Surface blow, increased to B.O.B. in 28 minutes.
 Initial Shut-In: (45 min) No blowback.
 Final Flow: (45 min) Surface blow, increased to B.O.B. in 37 minutes.
 Final Shut-In: (60 min) No blowback.

Recovered: 15' OSM 1% oil, 99% mud
 210' SOSWCM <1% oil, 22% wtr, 77% mud
 ----- Total Recovered Fluid: 225'
 ----- Tool Sample: OSWCM ----- 2% oil, 20% wtr, 78% mud
 ----- Chlorides: 7,500 ppm
 ----- RW: 1.32 ohm @ 44 Deg F
 ----- PH: 8.0
 ----- Bottom-Hole Temp: 100 Deg F

Pressures: IHP: 1182
 IFP: 11-76
 ISIP: 594
 FFP: 76-119
 FSIP: 596
 FHP: 1181

Vess Oil Corporation
DST #1 Viola 2437-2522'
Start Test Date: 2013/04/16
Final Test Date: 2013/04/16

Wilson A #448

Wilson A #448
Formation: Viola 2437-2522'
Pool: El Dorado
Job Number: F120

