



**DIAMOND TESTING, LLC**  
 P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
 (620) 653-7550 • (800) 542-7313  
 wilson449dst1

Company Vess Oil Corporation Lease & Well No. Wilson "A" No. 449  
 Elevation 1369 KB Formation Viola Effective Pay \_\_\_\_\_ Ft. Ticket No. K052  
 Date 11-2-13 Sec. 9 Twp. 25S Range 5E County Butler State Kansas  
 Test Approved By Roger L. Martin Diamond Representative Jason McLemore

Formation Test No. 1 Interval Tested from 2,335 ft. to 2,443 ft. Total Depth 2,443 ft.  
 Packer Depth 2,330 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 2,335 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 2,316 ft. Recorder Number 5513 Cap. 5,000 psi.  
 Bottom Recorder Depth (Outside) 2,440 ft. Recorder Number 13306 Cap. 4,925 psi.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor C & G Drilling Company - Rig 1 Drill Collar Length 177 ft I.D. 2 1/4 in.  
 Mud Type Chemical Viscosity 49 Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Weight 9.3 Water Loss 9.4 cc. Drill Pipe Length 2,125 ft I.D. 3 in.  
 Chlorides 900 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.  
 Jars: Make Sterling Serial Number 7 Anchor Length 46' 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: Strong blow increasing. Off bottom of bucket in 1 min. No blow back during shut-in.  
 2nd Open: Strong blow increasing. Off bottom of bucket in 4 mins. No blow back during shut-in.

Recovered 279 ft. of very slightly oil cut watery mud = 3.024360 bbls. (Grind out: 3%-oil; 10%-water; 87%-mud)  
 Recovered 558 ft. of oil cut watery mud = 6.048720 bbls. (Grind out: 15%-oil; 24%-water; 61%-mud)  
 Recovered 279 ft. of slightly oil cut watery mud = 1.976520 bbls. (Grind out: 10%-oil; 40%-water; 50%-mud) Chlorides: 17,000 Ppm PH: 7.0 RW: .825 @ 58°  
 Recovered 1,116 ft. of TOTAL FLUID = 11.049600 bbls.  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Remarks Tool Sample Grind Out: Muddy water w/oil scum

Time Set Packer(s) 2:54 P.M. Time Started off Bottom 5:54 P.M. Maximum Temperature 106°  
 Initial Hydrostatic Pressure.....(A) 1132 P.S.I.  
 Initial Flow Period.....Minutes 30 (B) 50 P.S.I. to (C) 462 P.S.I.  
 Initial Closed In Period.....Minutes 45 (D) 523 P.S.I.  
 Final Flow Period.....Minutes 45 (E) 461 P.S.I. to (F) 524 P.S.I.  
 Final Closed In Period.....Minutes 60 (G) 524 P.S.I.  
 Final Hydrostatic Pressure.....(H) 1101 P.S.I.



**JASON MCLEMORE**

**CELL # 620-617-0527**

**General Information**

Company Name	Vess Oil Corporation	Job Number	K052
Contact		Representative	Jason McLemore
Well Name	Wilson A #449	Well Operator	Vess Oil Corporation
Unique Well ID	DST #1 Viola 2335-2443	Prepared By	Jason McLemore
Surface Location	9-25s-5e-Butler	Qualified By	Roger Martin
Field		Test Unit	#7
Well Type	Vertical		

**Test Information**

Test Type	Drill Stem Test	Representative	Jason McLemore
Formation	Viola	Well Operator	Vess Oil Corporation
Well Fluid Type	01 Oil	Report Date	2013/11/02
Test Purpose (AEUB)	Initial Test	Prepared By	Jason McLemore
Start Test Date	2013/11/02	Start Test Time	12:45:00
Final Test Date	2013/11/02	Final Test Time	21:43:00

**Test Results**

**RECOVERED:**

279 VSOCWM: 3%Oil, 10%Wtr, 87%Mud  
558 OCWM: 15%Oil, 24%Wtr, 61%Mud  
279 SOCWM: 10%Oil, 40%W, 50%M  
1116 Total Fluid

CHLORIDES: 17,000 Ppm  
PH: 7  
RW: .825 @ 58

Tool Sample: Muddy Water W/Oil Scum

Vess Oil Corporation  
DST #1 Viola 2335-2443  
Start Test Date: 2013/11/02  
Final Test Date: 2013/11/02

Wilson A #449  
Formation: Viola  
Job Number: K052

# Wilson A #449

