



**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
smitha1dst1

Company Chieftain Oil Company, Inc. Lease & Well No. Smith "A" No. 1  
Elevation 1643 GL Formation Viola Effective Pay \_\_\_\_\_ Ft. Ticket No. K070  
Date 12-24-13 Sec. 17 Twp. 31S Range 13W County Barber State Kansas  
Test Approved By David Barker Diamond Representative Jason McLemore

Formation Test No. 1 Interval Tested from 4,410 ft. to 4,445 ft. Total Depth 4,445 ft.  
Packer Depth 4,405 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 4,410 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 4,391 ft. Recorder Number 5513 Cap. 5,000 psi.  
Bottom Recorder Depth (Outside) 4,392 ft. Recorder Number 5588 Cap. 6,000 psi.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor Fossil Drilling, Inc. - Rig 3 Drill Collar Length 210 ft I.D. 2 1/4 in.  
Mud Type Chemical Viscosity 51 Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
Weight 9.3 Water Loss 7.0 cc. Drill Pipe Length 4,167 ft I.D. 3 1/2 in.  
Chlorides 4,300 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number 6 Anchor Length 35 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 blow increasing to 2 1/2 ins. No blow back during shut-in.  
2nd Open: Weak blow increasing to 1/2 in. No blow back during shut-in.

Recovered 10 ft. of drilling mud = .049200 bbls.  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks \_\_\_\_\_

Time Set Packer(s) 4:30 A.M. Time Started off Bottom 6:45 A.M. Maximum Temperature 120°  
Initial Hydrostatic Pressure.....(A) 2111 P.S.I.  
Initial Flow Period.....Minutes 30 (B) 11 P.S.I. to (C) 21 P.S.I.  
Initial Closed In Period.....Minutes 60 (D) 1225 P.S.I.  
Final Flow Period.....Minutes 15 (E) 24 P.S.I. to (F) 27 P.S.I.  
Final Closed In Period.....Minutes 30 (G) 977 P.S.I.  
Final Hydrostatic Pressure.....(H) 2095 P.S.I.



**JASON MCLEMORE**

**CELL # 620-617-0527**

**General Information**

Company Name	Chieftain Oil Company, Inc		
Contact	Ron Molz	Job Number	K070
Well Name	Smith A #1	Representative	Jason McLemore
Unique Well ID	DST #1 Viola 4410-4445	Well Operator	Chieftain Oil Company, Inc
Surface Location	17-31s-13w-Barber	Prepared By	Jason McLemore
Field	Wildcat	Qualified By	David Barker
Well Type	Vertical	Test Unit	#6

**Test Information**

Test Type	Drill Stem Test	Representative	Jason McLemore
Formation	Viola	Well Operator	Chieftain Oil Company, Inc
Well Fluid Type		Report Date	
Test Purpose (AEUB)		Prepared By	Jason McLemore

Start Test Date	2013/12/24	Start Test Time	00:57:00
Final Test Date	2013/12/24	Final Test Time	09:30:00

**Test Results**

**RECOVERED:**

10	Drilling Mud
10	Total Fluid

Chieftain Oil Company, Inc  
DST #1 Viola 4410-4445  
Start Test Date: 2013/12/24  
Final Test Date: 2013/12/24

Smith A #1  
Formation: Viola  
Pool: Wildcat  
Job Number: K070

# Smith A #1

