

## GENERAL INFORMATION

### Client Information:

Company: CHEIFTAIN OILCO

Contact: RON MOLZ

Phone: Fax: e-mail:

### Site Information:

Contact: DAVE BARKER

Phone: Fax: e-mail:

### Well Information:

Name: SHIRLEY #2

Operator: CHEIFTAIN OIL CO.

Location-Downhole:

Location-Surface: S6/34S/10W

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: DAVE BARKER

Test Type: CONVENTIONAL Job Number: D1098

Test Unit:

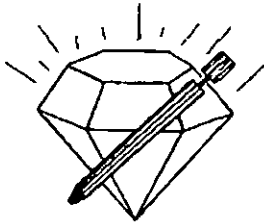
Start Date: 2012/03/01 Start Time: 05:00:00

End Date: 2012/03/01 End Time: 12:50:00

Report Date: 2012/03/01 Prepared By: JOHN RIEDL

Remarks: Qualified By: DAVE BARKER

RECOVERY: 50' GAS, 70' OIL SPECKED GAS CUT MUD



# DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 05:00 03/01/12

OFF 12:50 03/01/12

## DRILL-STEM TEST TICKET

STC/Shirley2dst1

Company CHIEFTAIN OIL CO. Lease & Well No. SHIRLEY #2  
 Contractor FOSSIL DRLG RIG 2 Charge to CHIEFTAIN OIL CO.  
 Elevation 1425 G.L. Formation MISNER Effective Pay \_\_\_\_\_ Ft. Ticket No. D1098  
 Date 03/01/12 Sec. 6 Twp. 34 S Range 10 W County BARBER State KS  
 Test Approved By DAVE BARKER Diamond Representative JOHN C. RIEDL

Formation Test No. 1 Interval Tested from 4928 ft. to 4967 ft. Total Depth 4967 ft.  
 Packer Depth 4923 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 4928 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4931 ft. Recorder Number 30046 Cap. 6000 P.S.I.  
 Bottom Recorder Depth (Outside) 4964 ft. Recorder Number 11073 Cap. 4000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 56 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
 Weight 9.3 Water Loss 9.5 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
 Chlorides 3,500 P.P.M. Drill Pipe Length 4808 ft. I.D. 3 1/2 in.  
 Jars: Make BOWEN Serial Number #2 Test Tool Length 26 ft. Tool Size 3 1/2-1F in.  
 Did Well Flow? NO Reversed Out NO Anchor Length 39 ft. Size 4 1/2-FH in.  
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK (BUILT TO 2") NO BB  
 2nd Open: WEAK (BUILT TO 1 1/2") NO BB

Recovered 50 ft. of GAS  
 Recovered 70 ft. of OIL SPECKED GAS CUT MUD (10%GAS 90%MUD)

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID RECOVERY: 70' IN DRILL COLLARS</u>	Insurance
_____	Total

Time Set Packer(s) 6:40 A.M. A.M. P.M. Time Started Off Bottom 10:25 A.M. A.M. P.M. Maximum Temperature 125  
 Initial Hydrostatic Pressure ..... (A) 2432 P.S.I.  
 Initial Flow Period ..... Minutes 30 (B) 34 P.S.I. to (C) 49 P.S.I.  
 Initial Closed In Period ..... Minutes 60 (D) 1763 P.S.I.  
 Final Flow Period ..... Minutes 45 (E) 55 P.S.I. to (F) 62 P.S.I.  
 Final Closed In Period ..... Minutes 90 (G) 1750 P.S.I.  
 Final Hydrostatic Pressure ..... (H) 2369 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

CHEIFTAIN OILCO  
Start Test Date: 2012/03/01  
Final Test Date: 2012/03/01

SHIRLEY #2  
Formation: MISNER  
Job Number: D1098

# SHIRLEY #2

