

## GENERAL INFORMATION

### Client Information:

Company: RJM COMPANY

Contact: CHRIS HOFFMAN

Phone: Fax: e-mail:

### Site Information:

Contact: BRAD MILLER

Phone: Fax: e-mail:

### Well Information:

Name: COMBS #1

Operator: RJM COMPANY

Location-Downhole:

Location-Surface:

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: 6

Test Type: CONVENTIONAL Job Number: D1329

Test Unit:

Start Date: 2013/06/16 Start Time: 15:00:00

End Date: 2013/06/16 End Time: 21:40:00

Report Date: 2013/06/16 Prepared By: JOHN RIEDL

Qualified By: KURT TALBOTT

### Remarks:

RECOVERY: 730' SLIGHTLY MUD CUT WATER



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: STC/Combs1dst1

TIME ON: 15:00 06/16/13  
TIME OFF: 21:40 06/16/13

Company RJM COMPANY Lease & Well No. COMBS #1  
Contractor SOUTHWIND RIG 2 Charge to RJM COMPANY  
Elevation 2172 K.B Formation CHEROKEE SAND Effective Pay \_\_\_\_\_ Ft. Ticket No. D1329  
Date 6/11/16 Sec. 11 Twp. \_\_\_\_\_ 19 S Range \_\_\_\_\_ 20 W County RUSH State KANSAS  
Test Approved By KURT TALBOTT Diamond Representative JOHN RIEDL

Formation Test No. 1 Interval Tested from 4146 ft. to 4179 ft. Total Depth 4179 ft.  
Packer Depth 4141 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4146 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4149 ft. Recorder Number 30046 Cap. 6000 P.S.I.  
Bottom Recorder Depth (Outside) 4176 ft. Recorder Number 11073 Cap. 4000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 54 Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 8 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides 5,000 P.P.M. Drill Pipe Length 4120 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number #2 Test Tool Length 26 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 33 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: STRONG (B.O.B 2 1/2 MIN.) NO BB  
2nd Open: STRONG (B.O.B 40 MIN.) NO BB

Recovered 730 ft. of MW (5%MUD 95%WATER) CHLORIDES 30,000 Ppm  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: <u>TOTAL FLUID RECOVERY: 730' IN DRILL PIPE</u> <u>TOOL SAMPLE GRINDOUT: 100% WATER</u>	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 4:50 P.M A.M. P.M. Time Started Off Bottom 7:50 P.M A.M. P.M. Maximum Temperature 123

Initial Hydrostatic Pressure..... (A) 2037 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 104 P.S.I. to (C) 292 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 358 P.S.I.  
Final Flow Period..... Minutes 60 (E) 308 P.S.I. to (F) 358 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 361 P.S.I.  
Final Hydrostatic Pressure..... (H) 1992 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.

# COMBS #1

