



**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
MA-STATE16DST2

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Company Wiepking-Fullerton Energy, LLC Lease & Well No. Ma-State No. 16  
Elevation 5291 KB Formation Cherokee "A" Porosity \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. A096  
Date 9-13-14 Sec. 24 Twp. 10S Range 56W County Lincoln State Colorado  
Test Approved By Greg Smith Diamond Representative Andy Carreira

Formation Test No. 2 Interval Tested from 7,164 ft. to 7,200 ft. Total Depth 7,200 ft.  
Packer Depth 7,159 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 7,164 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 7,145 ft. Recorder Number 5585 Cap. 5,000 psi.  
Bottom Recorder Depth (Outside) 7,166 ft. Recorder Number 8471 Cap. 10,000 psi.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor Murfin Drilling Company, Inc. - Rig 25 Drill Collar Length 555 ft. I.D. 2 1/4 in.  
Mud Type Chemical Viscosity 85 Weight Pipe Length \_\_\_\_\_ ft. I.D. \_\_\_\_\_ in.  
Weight 9.2 Water Loss 8.8 cc. Drill Pipe Length 6,574 ft. I.D. 3 1/2 in.  
Chlorides 300 P.P.M. Test Tool Length 35 ft. Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number 9 Anchor Length 36 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: Very weak, surface blow. Died in 6 mins. No blow back during shut-in.

2nd Open: No blow. No blow back during shut-in.

Recovered 95 ft. of drilling mud = .467400 bbls. (Grind out: 100%-mud)

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks Tool Sample Grind Out: 100%-mud

Sampler Grind Out: 4000 ml-mud

Time Set Packer(s) 12:06 P.M. Time Started off Bottom 2:21 P.M. Maximum Temperature 167°  
Initial Hydrostatic Pressure.....(A) 3465 P.S.I.  
Initial Flow Period.....Minutes 15 (B) 52 P.S.I. to (C) 52 P.S.I.  
Initial Closed In Period.....Minutes 30 (D) 349 P.S.I.  
Final Flow Period.....Minutes 30 (E) 55 P.S.I. to (F) 55 P.S.I.  
Final Closed In Period.....Minutes 60 (G) 301 P.S.I.  
Final Hydrostatic Pressure.....(H) 3410 P.S.I.

**DIAMOND TESTING, LLC**

**TESTER : ANDY CARREIRA**  
**CELL # 620-617-7202**

**General Information**

Company Name	WIEPKING-FULLERTON ENERGY LLC	Job Number	A096
Contact	JACK FINCHAM	Representative	ANDY CARREIRA
Well Name	MA-STATE 16	Well Operator	WIEPKING-FULLERTON ENERGY LLC
Unique Well ID	DST 2 CHEROKEE "A" POROSITY 7164-7200	Report Date	2014/09/13
Surface Location	SEC 24-10S-56W LINCOLN CNTY, CO	Prepared By	ANDY CARREIRA
Well License Number			
Field	WILDCAT		
Well Type	Vertical		

**Test Information**

Test Type	CONVENTIONAL
Formation	DST 2 CHEROKEE "A" POROSITY 7164-7200
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/09/13	Start Test Time	08:05:00
Final Test Date	2014/09/13	Final Test Time	19:10:00

Gauge Name	5585
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**Test Results**

RECOVERY: 95' DM 100% MUD

SAMPLER: 4000 ML MUD

TOOL SAMPLE: 100% MUD

MA-STATE 16

