

DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
BIGWAMPUM10DST1

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Company Wiepking-Fullerton Energy, LLC Lease & Well No. Big Wampum No. 10
Elevation 5397 KB Formation Cherokee "A" Porosity _____ Effective Pay _____ Ft. Ticket No. A103
Date 9-30-14 Sec. 23 Twp. 10S Range 56W County Lincoln State Colorado
Test Approved By Greg Smith Diamond Representative Andy Carreira

Formation Test No. 1 Interval Tested from 7,316 ft. to 7,354 ft. Total Depth 7,354 ft.
Packer Depth 7,311 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 7,316 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

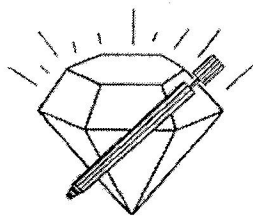
Top Recorder Depth (Inside) 7,297 ft. Recorder Number 5585 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 7,318 ft. Recorder Number 8471 Cap. 10,000 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor Murfin Drilling Company, Inc. - Rig 25 Drill Collar Length 555 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 81 Weight Pipe Length _____ ft. I.D. _____ in.
Weight 9.1 Water Loss 8.0 cc. Drill Pipe Length 6,726 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 38 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: Strong blow increasing. Off bottom of bucket in 1 min. Gas to surface in 30 mins. Bottom of bucket blow back during shut-in. (SEE GAS VOLUME REPORT)
2nd Open: Strong blow increasing. Off bottom of bucket immediately. Bottom of bucket blow back during shut-in. (SEE GAS VOLUME REPORT)

Recovered 1,978 ft. of gas cut muddy water = 22.979890 bbls. (Grind out: 5%-gas; 90%-water; 5%-mud) Chlorides: 60,000 Ppm PH: 7.0 RW: .14 @ 69°
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks Tool Sample Grind Out: Empty
Sampler: Pressure = 750 lbs 4,000 ml gas

Time Set Packer(s) 10:02 A.M. Time Started off Bottom 2:32 P.M. Maximum Temperature 188°
Initial Hydrostatic Pressure.....(A) 3523 P.S.I.
Initial Flow Period.....Minutes 30 (B) 209 P.S.I. to (C) 699 P.S.I.
Initial Closed In Period.....Minutes 60 (D) 937 P.S.I.
Final Flow Period.....Minutes 60 (E) 695 P.S.I. to (F) 924 P.S.I.
Final Closed In Period.....Minutes 120 (G) 942 P.S.I.
Final Hydrostatic Pressure.....(H) 3485 P.S.I.



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Company Wiepking-Fullerton Energy, LLC Lease & Well No. Big Wampum No. 10
Date 9-30-14 Sec 23 Twp 10S S Rge 56 W Location 1980' FSL & 1980' FWL, NE SW County Lincoln State Colorado
Drilling Contractor Murfin Drilling Company, Inc. - Rig 25 Formation Cherokee "A" Porosity DST No. 1
Remarks: 1st Open: Gas to surface in 30 mins.
2nd Open: Minimal gas for 42 mins. (inches of water gauge) then able to switch to psi gauge for remaining 18 mins.

Open Tool: 10:02 a.m. **INITIAL FLOW**

Time O' Clock	Orifice Size	Gauge	CF/D
10:13 a.m.	1/8 in.	1 1/4 psi	3,075
10:18 a.m.	1/8 in.	1 1/2 psi	3,390
10:23 a.m.	1/8 in.	2 psi	3,920
10:28 a.m.	1/8 in.	4 1/2 psi	6,010
10:32 a.m.	1/8 in.	6 3/4 psi	7,280

Open Tool: 11:32 a.m. **FINAL FLOW**

Time O' Clock	Orifice Size	Gauge	CF/D
11:56 a.m.	1/8 in.	9 in.	1,590
12:01 p.m.	1/8 in.	12 1/2 in.	1,870
12:06 p.m.	1/8 in.	22 1/2 in.	2,494
12:11 p.m.	1/8 in.	40 in.	3,340
12:16 p.m.	1/8 in.	60 in.	4,090
12:21 p.m.	1/8 in.	1 3/4 psi	3,655
12:26 p.m.	1/8 in.	2 1/4 psi	4,190
12:31 p.m.	1/8 in.	3 psi	4,840

WIEPKING-FULLERTON ENERGY LLC
DST 1 CHEROKEE "A" POROSITY 7316-7354
Start Test Date: 2014/09/30
Final Test Date: 2014/09/30

BIG WAMPUM 10
Formation: DST 1 CHEROKEE "A" POROSITY 7316-7354
Pool: WILDCAT
Job Number: A103

BIG WAMPUM 10

