

DIAMOND TESTING, LLC
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bigwampum3dst1

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Company Wiepking-Fullerton Energy, LLC Lease & Well No. Big Wampum No. 3
Elevation 5342 KB Formation Cherokee "A" Effective Pay Ft. Ticket No. F301
Date 8-19-14 Sec. 23 Twp. 10S Range 56W County Lincoln State Colorado
Test Approved By Gregg Smith Diamond Representative Jake Fahrenbruch

Formation Test No. 1 Interval Tested from 7,222 ft. to 7,262 ft. Total Depth 7,262 ft.
Packer Depth 7,217 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 7,222 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 7,200 ft. Recorder Number 5951 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 7,228 ft. Recorder Number 5584 Cap. 5,000 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Murfin Drilling Company, Inc. - Rig 25 Drill Collar Length 560 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 83 Weight Pipe Length ft. I.D. in.
Weight 9.0 Water Loss 8.8 cc. Drill Pipe Length 6,626 ft. I.D. 3 1/2 in.
Chlorides 300 P.P.M. Test Tool Length 36 ft. Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 5 Anchor Length 40 ft. Size 4 1/2-FH in.
Did Well Flow? GTS Reversed Out Yes 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 5 secs. Gas to surface in 6 1/2 mins. Strong blow back during shut-in.

2nd Open: Strong blow increasing. Off bottom of bucket in 1 min. Strong blow back during shut-in.

Recovered 465 ft. of gassy oil = 6.616950 bbls. (Grind out: Est 30%-gas; 70%-oil)
Recovered 465 ft. of gassy, muddy oil = 6.616950 bbls. (Grind out: Est 30%-gas; 40%-oil; 30%-mud)
Recovered 465 ft. of heavy gas cut mud = 2.287800 bbls. (Grind out: Est 40%-gas; 60%-mud)
Recovered 95 ft. of heavy gas cut, watery, muddy oil = .467400 bbls. (Grind out: Actual 45%-gas; 25%-oil; 15%-water; 15%-mud) Gravity: 32.5 @ 60°
Recovered 1,490 ft. of ESTIMATED TOTAL FLUID = 15.989100 bbls. (Total Recovered Fluid Unknown) Chlorides: 23,300 Ppm RW: .32 @ 50°
Recovered ft. of

Remarks Tool Sample Grind Out: 100%-gas

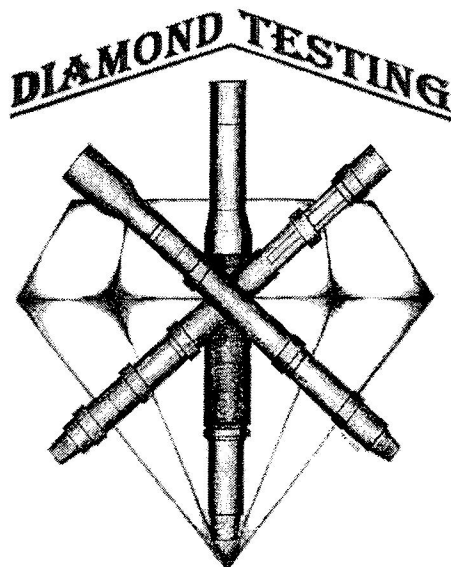
Sample chamber contained only gas at 400 psi.

Reversed out unknown amount of very gassy oil.

Time Set Packer(s) 5:53 P.M. CST Time Started off Bottom 9:53 P.M. CST Maximum Temperature 186°
Initial Hydrostatic Pressure.....(A) 3618 P.S.I.
Initial Flow Period.....Minutes 30 (B) 210 P.S.I. to (C) 336 P.S.I.
Initial Closed In Period.....Minutes 60 (D) 687 P.S.I.
Final Flow Period.....Minutes 30 (E) 356 P.S.I. to (F) 480 P.S.I.
Final Closed In Period.....Minutes 120 (G) 688 P.S.I.
Final Hydrostatic Pressure.....(H) 3608 P.S.I.

DIAMOND TESTING GENERAL REPORT**Jake Fahrenbruch, Tester**

Cell: (620) 282-8977 / Office: (800) 542-7313

**TEST INFORMATION**

Well Name	Big Wampum #3
Formation	Cherokee "A" 7222'-7262'
Surface Location	Sec 23-10s-56w-Lincoln Co.-CO
Field	
Company Name	Wiepking-Fullerton Energy, LLC
Well Operator	Wiepking-Fullerton Energy, LLC
Well Type	Vertical
Test Type	Conv. Bottom-Hole w/jars, sampler, s. jnt.
Test Purpose (AEUB)	Initial Test
Gauge Name	Inside 5951
Start Test Date	2014/08/19
Start Test Time	13:51:00
Final Test Date	2014/08/20
Final Test Time	06:45:00
Job Number	F301
Contact	Jack Fincham
Site Contact	Gregg Smith
Qualified By	Gregg Smith

TEST RESULTS

Initial flow, strong blow, BOB 5 sec, GTS 6.5 min.
Final flow, Strong blow, BOB 1 min.

Initial shut-in, strong blowback.
Final shut-in, Strong blowback.

Dropped bar to reverse circulate gassy oil after pulling 23 stands, but, before we reached fluid because we had oil residue inside the pipe and we had a very large amount of gas escaping the pipe. We decided to reverse out before it had a chance to unload on us. We reversed out a fair amount of gassy oil before it calmed down, then we shut the BOP and pumped on the backside to further expel the gas and oil from the pipe, this did not work very well, we tried to shake the pipe to agitate the gas in hopes of expelling more oil, only to find the collars were hung up in the hole. Once we got un-stuck we tripped out with wet-caps for about 18 stands before putting the kelly on and circulating mud around. Then we finished tripping out.

TOTAL RECOVERED FLUID UNKNOWN

SAMPLE CHAMBER CONTAINED ONLY GAS @ 400 PSI

Reversed out unknown amount of very gassy oil

TOOL SAMPLE: 100% Gas

Dumped 465' of Gsy O (est. 30% G, 70% O)

GRAVITY: 32.5 @ 60 Deg F

Dumped 465' of Gsy MO (est. 30% G, 40% O, 30% M)

CHLORIDES: 23,300 PPM

Dumped 465' of HvyGC M (est. 40% G, 60% M)

RW: .32 ohm @ 50 Deg F

Dumped 95' of HvyGC WMO (actual 45% G, 25% O, 15% W, 15% M)

Wiepking-Fullerton Energy, LLC

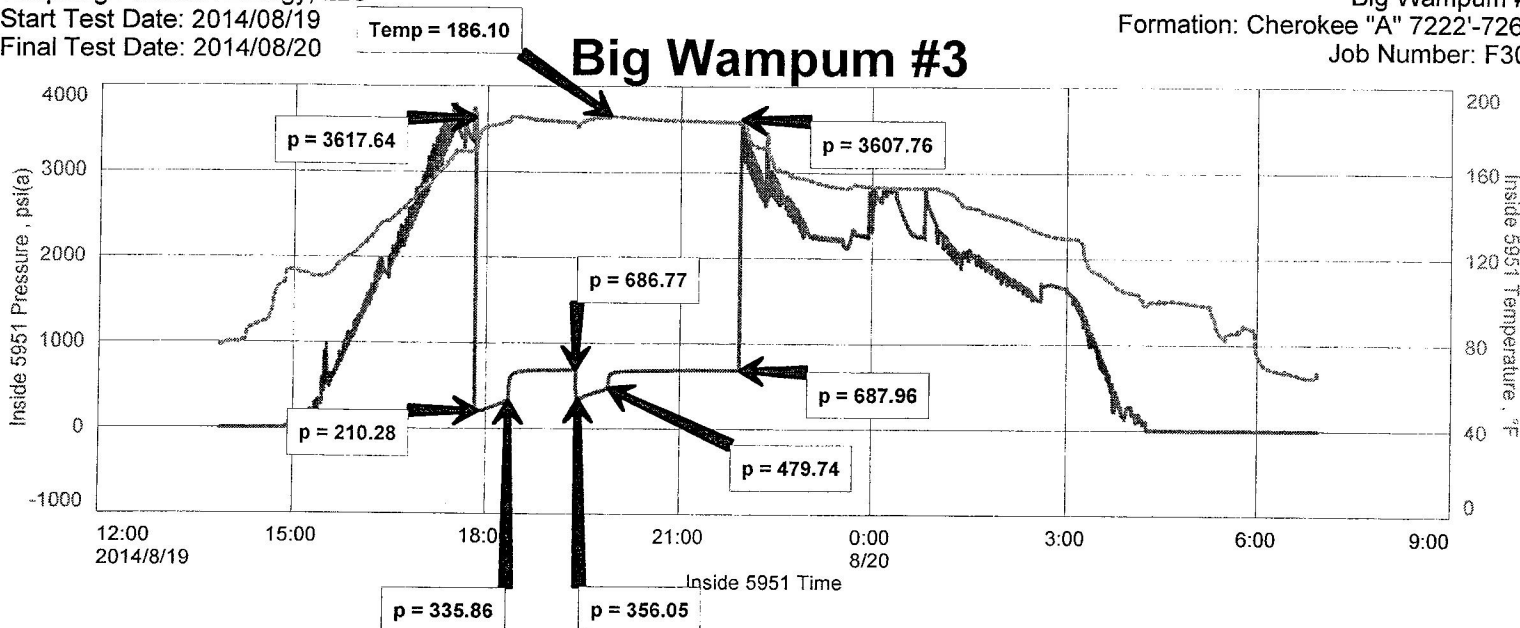
Start Test Date: 2014/08/19

Final Test Date: 2014/08/20

Big Wampum #3

Formation: Cherokee "A" 7222'-7262'

Job Number: F301



Wiepking-Fullerton Energy, LLC
DST #1 Cherokee "A" 7222'-7262'
Start Test Date: 2014/08/19
Final Test Date: 2014/08/20

Big Wampum #3
Formation: Cherokee "A" 7222'-7262'
Job Number: F301

Big Wampum #3

