



DIAMOND TESTING, LLC
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RAPTOR4DST1

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Company Wiepking-Fullerton Energy, LLC Lease & Well No. Raptor No. 4
Elevation 5208 KB Formation Torch Effective Pay Ft. Ticket No. A115
Date 11-5-14 Sec. 18 Twp. 10S Range 55W County Lincoln State Colorado
Test Approved By Gregg Smith Diamond Representative Andy Carreira

Formation Test No. 1 Interval Tested from 6,988 ft. to 7,026 ft. Total Depth 7,026 ft.
Packer Depth 6,983 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 6,988 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.
Top Recorder Depth (Inside) 6,969 ft. Recorder Number 5585 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 6,990 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 83 Weight Pipe Length ft. I.D. in.
Weight 9.0 Water Loss 6.4 cc. Drill Pipe Length 6,398 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: 8 in. blow in 30 mins. No blow back during shut-in.

2nd Open: 9 in. blow in 60 mins. No blow back during shut-in.

Recovered 650 ft. of gas in pipe
Recovered 93 ft. of gas & oil cut mud = .457560 bbls. (Grind out: 5%-gas; 5%-oil; 90%-mud)
Recovered 93 ft. of oil & gas cut watery mud = .457560 bbls. (Grind out: 20%-gas; 10%-oil; 25%-water; 45%-mud)
Recovered 186 ft. of TOTAL FLUID = .915120 bbls. Chlorides: 34,000 Ppm PH: 7.0 RW: 24 @ 60°
Recovered ft. of
Recovered ft. of
Remarks Tool-Sample Grind Out: Water; Trace-mud
Sampler: Pressure = 0 (Human Error); Trace-oil; 4,000 ml-water

Time Set Packer(s) 2:20 A.M. Time Started off Bottom 6:50 A.M. Maximum Temperature 168°
Initial Hydrostatic Pressure.....(A) 3273 P.S.I.
Initial Flow Period.....Minutes 30 (B) 19 P.S.I. to (C) 49 P.S.I.
Initial Closed In Period.....Minutes 60 (D) 1536 P.S.I.
Final Flow Period.....Minutes 60 (E) 52 P.S.I. to (F) 80 P.S.I.
Final Closed In Period.....Minutes 120 (G) 1516 P.S.I.
Final Hydrostatic Pressure.....(H) 3245 P.S.I.

WIEPKING-FULLERTON ENERGY LLC
DST 1 TORCH 6988-7026
Start Test Date: 2014/11/04
Final Test Date: 2014/11/05

RAPTOR 4
Formation: DST 1 TORCH 6988-7026
Pool: WILDCAT
Job Number: A115

RAPTOR 4

