



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Cholla Production, LLC
 7851 S Elati ST STE 201
 Littleton CO, 80120-8081
 ATTN: Tom Pronold

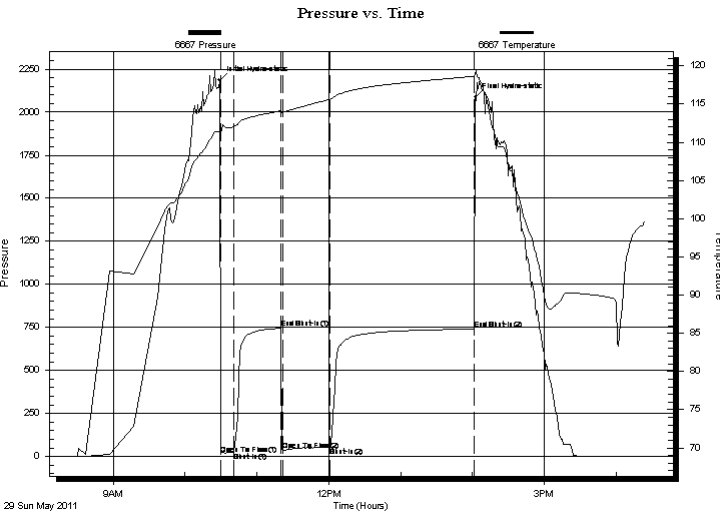
Vulgamore 1-21
21-19-33
 Job Ticket: 43321 **DST#: 1**
 Test Start: 2011.05.29 @ 08:30:00

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:29:30
 Time Test Ended: 16:24:15
Interval: 4377.00 ft (KB) To 4402.00 ft (KB) (TVD)
 Total Depth: 4402.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jace McKinney - Shan
 Unit No: 55
 Reference Elevations: 2968.00 ft (KB)
 2963.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6667 Inside
 Press @ Run Depth: 56.05 psig @ 4378.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.05.29 End Date: 2011.05.29 Last Calib.: 2011.05.29
 Start Time: 08:30:15 End Time: 16:24:15 Time On Btm: 2011.05.29 @ 10:28:45
 Time Off Btm: 2011.05.29 @ 14:02:15

TEST COMMENT: IF: Built to 6.5" blow
 IS: No Return Blow
 FF: B.O.B. in 14 min
 FS: No Return Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2185.04	111.47	Initial Hydro-static
1	14.08	110.25	Open To Flow (1)
12	26.57	112.02	Shut-In(1)
52	745.48	114.12	End Shut-In(1)
53	33.63	113.97	Open To Flow (2)
92	56.05	115.62	Shut-In(2)
213	740.08	118.64	End Shut-In(2)
214	2085.49	119.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	mcco 10% m 30% g 60% o	0.15
120.00	100% o	0.86
434.00	gas in pipe	6.09

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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FLUID SUMMARY

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21-19-33

Job Ticket: 43321

DST#: 1

ATTN: Tom Pronold

Test Start: 2011.05.29 @ 08:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	mcgo 10%m 30%g 60%o	0.148
120.00	100%o	0.863
434.00	gas in pipe	6.088

Total Length: 584.00 ft Total Volume: 7.099 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler 290 PSI, 1900ml oil 1/2 cf gas

Pressure vs. Time

