



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Cholla Production, LLC

Metzger #2-16

7851 S. Elati STE 201
Littleton, Co 80120

16 19s 33w Scott

ATTN: Roger Pearson

Job Ticket: 042102

DST#: 3

Test Start: 2011.03.24 @ 18:04:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:59:00

Time Test Ended: 01:44:15

Test Type: Conventional Bottom Hole

Tester: Bradley Walter

Unit No: 40

Interval: 4359.00 ft (KB) To 4370.00 ft (KB) (TVD)

Reference Elevations: 2964.00 ft (KB)

Total Depth: 3950.00 ft (KB) (TVD)

2959.00 ft (CF)

Hole Diameter: 8.75 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8360 Outside

Press @ Run Depth: 38.54 psig @ 4360.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.03.24

End Date:

2011.03.25

Last Calib.:

2011.03.25

Start Time: 18:04:05

End Time:

01:44:14

Time On Btm:

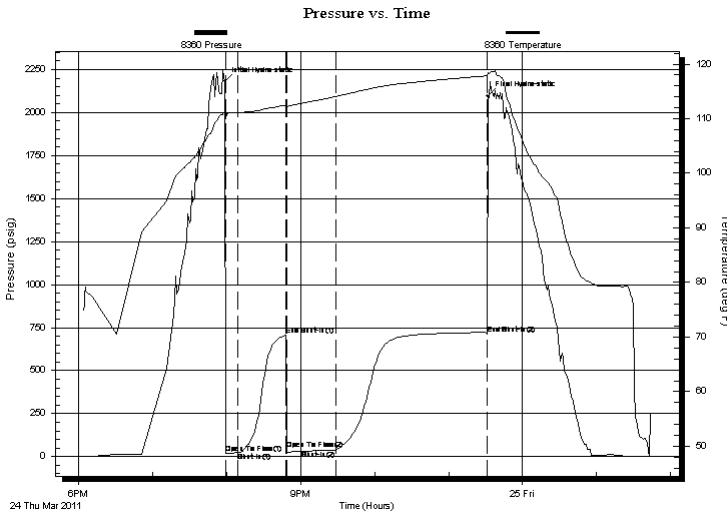
2011.03.24 @ 19:58:45

Time Off Btm:

2011.03.24 @ 23:32:00

TEST COMMENT: IF: 1 1/2 inches blow .
IS: No return blow .
FF: 4 1/2 inches blow .
FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2181.78	111.24	Initial Hydro-static
1	17.35	110.04	Open To Flow (1)
11	24.54	111.12	Shut-In(1)
50	704.53	112.46	End Shut-In(1)
50	41.33	112.16	Open To Flow (2)
90	38.54	114.05	Shut-In(2)
213	709.73	117.86	End Shut-In(2)
214	2097.25	118.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	ocm 30%o 70%m	0.19

Gas Rates

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



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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:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	ocm 30%o 70%m	0.188

Total Length: 40.00 ft Total Volume: 0.188 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API 28 @ 40 f = 30

Sampler full of oil

Pressure vs. Time

