



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Cholla Production LLC

Stithem #1-4

7851 S. Elati St. STE 201
Littleton, CO 80120

4/11s/23w Trego KS

ATTN: Bill Goff/ Kelly Bran 201

Job Ticket: 040092

DST#: 2

Test Start: 2010.12.12 @ 14:45:00

GENERAL INFORMATION:

Formation: **Lans. "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:23:00

Time Test Ended: 21:36:30

Test Type: Conventional Bottom Hole

Tester: James Winder

Unit No: 46

Interval: 3560.00 ft (KB) To 3580.00 ft (KB) (TVD)

Reference Elevations: 2291.00 ft (KB)

Total Depth: 3580.00 ft (KB) (TVD)

2286.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8366

Inside

Press @ Run Depth: 256.34 psig @ 3561.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.12.12 End Date: 2010.12.12

Last Calib.: 2010.12.12

Start Time: 14:45:05 End Time: 21:36:29

Time On Btm: 2010.12.12 @ 16:20:00

Time Off Btm: 2010.12.12 @ 19:22:15

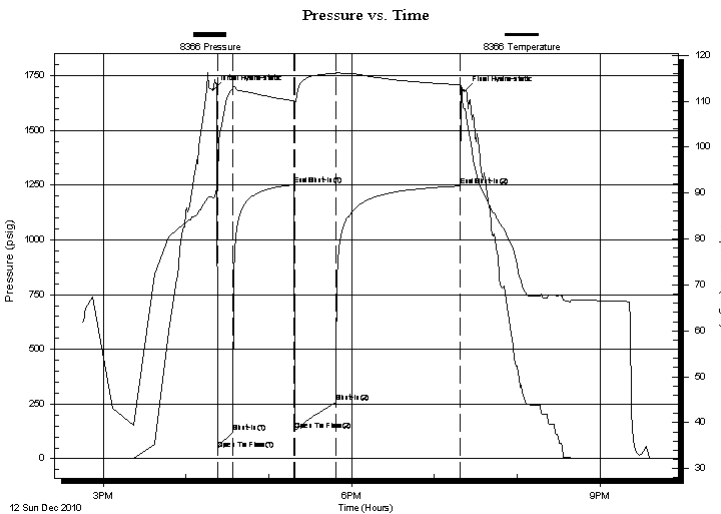
TEST COMMENT: IF: Blow built to BOB (11 1/4") in 3 3/4 min. (Diesel in Bucket)

IS: Blow back built to 6 1/2"

FF: Blow built to BOB in 5 min.

FS: Blow back built to 8 1/4"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1686.84	89.06	Initial Hydro-static
3	41.66	90.89	Open To Flow (1)
14	118.78	112.80	Shut-In(1)
59	1252.11	110.15	End Shut-In(1)
59	130.99	109.40	Open To Flow (2)
89	256.34	116.05	Shut-In(2)
179	1246.46	113.60	End Shut-In(2)
183	1681.65	108.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
315.00	Water w/trace oil 96%w , 4%m	3.30
155.00	SO/MCW 69%w , 27%m, 2%o, 2%g	2.17
50.00	CO 94%o, 4%g, 2%m	0.70
0.00	GIP = 360'	0.00
0.00	Sampler: Over 600 PSI 1800 mL w ater	0.00
0.00	500 mL oil	0.00

Gas Rates

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



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 60.00 sec/qt
Water Loss: 7.19 in³
Resistivity: ohm.m
Salinity: 1000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 41.8 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
315.00	Water w/trace oil 96%w , 4%m	3.298
155.00	SO/MCW 69%w , 27%m, 2%o, 2%g	2.174
50.00	CO 94%o, 4%g, 2%m	0.701
0.00	GIP = 360'	0.000
0.00	Sampler: Over 600 PSI 1800 mL w ater	0.000
0.00	500 mL oil	0.000

Total Length: 520.00 ft Total Volume: 6.173 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Gravity = 38.6 api @ 28 deg F
Corrected Gravity = 41.8 api

Pressure vs. Time

