

DRILL STEM TEST REPORT

S12-19s-36w Wichita, KS

Aguilera #14-12
 Job Ticket: 57183
 DST#: 1

Test Start: 2014.07.06 @ 19:29:00

SDCO
 POB 369
 Littleton, CO 80160

ATTN: Gary Doke / Kurt Tal

TRILOBITE
 TESTING, INC.



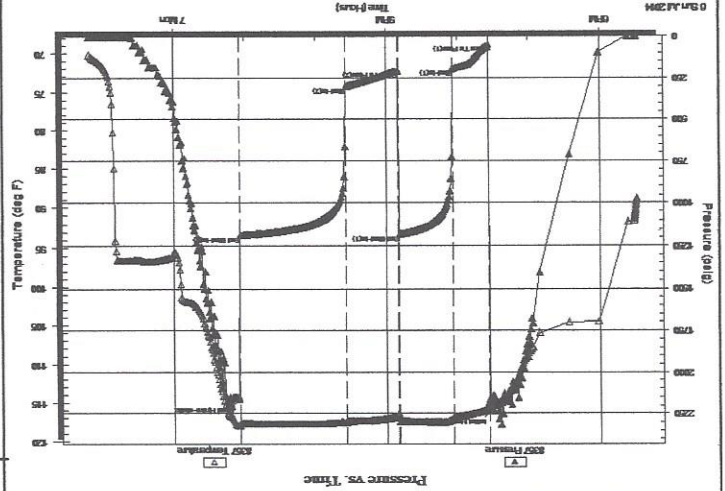
GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock:
 Time Tool Opened: 21:33:50
 Time Test Ended: 03:11:09
 Interval: 4474.00 ft (KB) To 4551.00 ft (KB) (TVD)
 Total Depth: 4551.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Good
 Reference Elevations: 3224.00 ft (KB)
 3214.00 ft (CF)
 10.00 ft
 KB to GR/CF:
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chuck Smith
 Unit No: 62

Serial #: 8357
 Inside
 Press@RunDepth: 303.43 psig @ 4475.00 ft (KB)
 Start Date: 2014.07.06
 End Date: 2014.07.07
 Capacity: 8000.00 psig

Start Time: 17:29:02
 End Time: 01:11:10
 Last Calib.: 2014.07.07
 Time On Btm: 2014.07.06 @ 19:32:00
 Time Off Btm: 2014.07.06 @ 23:04:50

TEST COMMENT:
 30- B.O.B. @ 13 min.
 45- 1 1/2" Blow.
 45- B.O.B. @ 13 min.
 90- 4" Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2233.20	115.19	Initial Hydro-static
2	49.88	114.56	Open To Flow (1)
33	196.57	116.94	Shut-In(1)
78	1179.65	117.44	End Shut-In(1)
79	204.40	116.47	Open To Flow (2)
123	303.43	117.45	Shut-In(2)
213	1186.88	117.68	End Shut-In(2)
213	2163.63	117.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bb)
0.00	RW: .175 @ 66 Degrees F = 46000 PPM0.00	
366.00	GMWCO 20g 10m 35w 350	1.80
93.00	GMWCO 50g 5m 15w 300	1.30
231.00	GMCO 30g 20m 500	3.24
0.00	138' Weak GIP	0.00

Gas Rates

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


DRILL STEM TEST REPORT

FLUID SUMMARY

S12-19s-36w Wichita, KS
 Aguilera #14-12
 Job Ticket: 57183
 DST#: 1

SDOCO
 POB 369
 Littleton, CO 80160

ATTN: Gary Doke / Kurt Tal
 Test Start: 2014.07.06 @ 19:29:00



TRILOBITE TESTING, INC.

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 53.00 sec/qt
 Water Loss: 7.99 in³
 Resistivity: ohm.m
 Salinity: 6000.00 ppm
 Filter Cake: 1.00 inches

Cushion Type: Oil API
 Cushion Length: ft
 Water Salinity: 46000 ppm
 deg API

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

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	RW: .175 @ 66 Degrees F = 46000 FPM	0.000
366.00	GMWCO 20g 10m 35w 35o	1.800
93.00	GMWCO 50g 5m 15w 30o	1.305
231.00	GMCO 30g 20m 50o	3.240
0.00	138' Weak GIP	0.000

Total Length: 690.00 ft
 Total Volume: 6.345 bbl

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

Laboratory Name:
 Laboratory Location:
 Recovery Comments:

Serial #: 8357

Inside

SD000

Aguilera #14-12

DST Test Number: 1

Pressure vs. Time

