



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC
 2020 Bramblewood
 Wichita KS 67206
 ATTN: Edwin Grieves

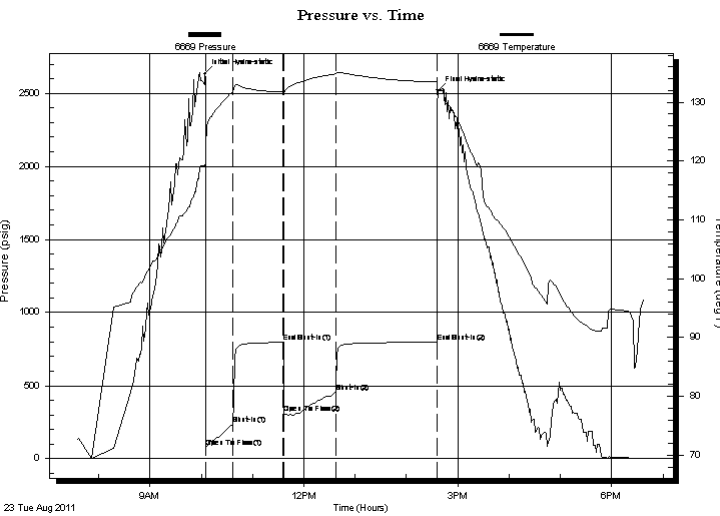
#7-2 Earl Arnold
7-29-40 Stanton CoKS
 Job Ticket: 43292 **DST#: 2**
 Test Start: 2011.08.23 @ 07:35:15

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:05:30
 Time Test Ended: 18:39:30
 Interval: **5431.00 ft (KB) To 5446.00 ft (KB) (TVD)**
 Total Depth: 5446.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Mike Roberts
 Unit No: 48
 Reference Elevations: 3333.00 ft (KB)
 3323.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6669 Outside
 Press @ Run Depth: 457.22 psig @ 5441.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.08.23 End Date: 2011.08.23 Last Calib.: 2011.08.23
 Start Time: 07:35:15 End Time: 18:39:30 Time On Btm: 2011.08.23 @ 10:04:15
 Time Off Btm: 2011.08.23 @ 14:36:30

TEST COMMENT: IF:BOB in 70 sec. Gas to surface in 25 min.
 IS:Bled off --BOB in 2 min.
 FF:BOB instantly----gas to surface instantly-- to small to measure
 FS:Bled off--BOB in 4 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2634.32	119.25	Initial Hydro-static
2	80.35	122.69	Open To Flow (1)
33	233.76	131.75	Shut-In(1)
92	796.01	131.76	End Shut-In(1)
93	308.56	131.47	Open To Flow (2)
153	457.22	134.84	Shut-In(2)
272	796.98	133.47	End Shut-In(2)
273	2520.45	131.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
93.00	gcw m 5%g 5% o 10%w 80%m	0.46
186.00	gcmo 5%g 20%m 75%o	0.91
372.00	gco 35%g 65%o	1.83
651.00	ocg 44%o 56 %g	8.87
186.00	free oil 100% o	2.61
	GIP=3926	

Gas Rates

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



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FLUID SUMMARY

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Test Start: 2011.08.23 @ 07:35:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 250.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
93.00	gcw m 5%g 5% o 10%w 80%m	0.457
186.00	gcmo 5%g 20%m 75%o	0.915
372.00	gco 35%g 65%o	1.829
651.00	ocg 44%o 56 %g	8.868
186.00	free oil 100% o	2.609
	GIP=3926	

Total Length: -998511.00 ft Total Volume: 14.678 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.582@105.5*=10,000 ppm

API= 41 @110 corrected to 35 @60

