



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Oil Producers Inc of Kansas

36-20s-21w ,Ness,KS

1710 Waterfront PKWY
Wichita KS 67206

Craig J #1

Job Ticket: 58956

DST#: 3

ATTN: Kent Matson

Test Start: 2014.05.13 @ 08:58:00

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:39:45

Time Test Ended: 16:52:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 4355.00 ft (KB) To 4390.00 ft (KB) (TVD)

Total Depth: 4390.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2253.00 ft (KB)

2241.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8957 Outside

Press@RunDepth: 489.61 psig @ 4387.00 ft (KB)

Start Date: 2014.05.13

End Date: 2014.05.13

Start Time: 08:58:05

End Time: 16:52:44

Capacity: 8000.00 psig

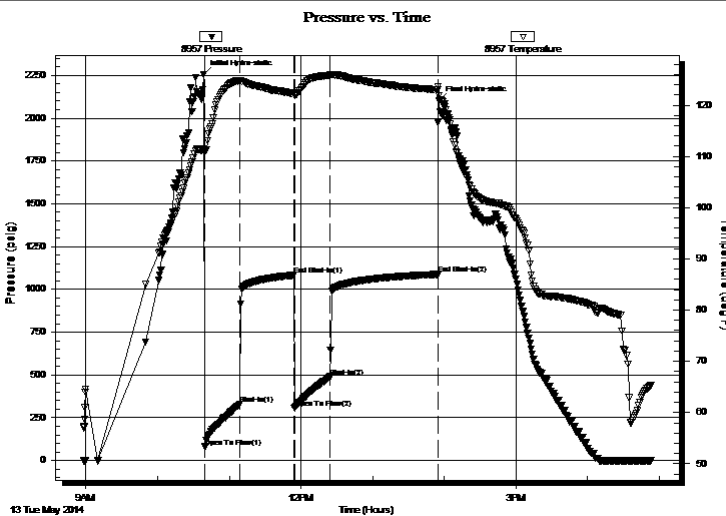
Last Calib.: 2014.05.13

Time On Btm: 2014.05.13 @ 10:38:45

Time Off Btm: 2014.05.13 @ 13:55:45

TEST COMMENT: IF-BOB in 5min
IS-1/2in blow
FF-BOB in 5min
FS-BOB in 23min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2255.62	111.37	Initial Hydro-static
1	79.90	111.02	Open To Flow (1)
30	327.63	124.83	Shut-In(1)
75	1082.47	122.23	End Shut-In(1)
76	306.59	121.86	Open To Flow (2)
106	489.61	125.82	Shut-In(2)
196	1087.62	122.99	End Shut-In(2)
197	2103.36	121.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
360.00	Water	3.41
420.00	GVSOMCW 20%G 10%O 20%M 50%W	5.89
180.00	GVSOWCM 20%G 10%O 40%M 30%W	2.52
95.00	GSOWCM 15%G 20%O 40%M 25%W	1.33
0.00	420ft GIP	0.00

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

50000 ppm

Viscosity: 70.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
360.00	Water	3.410
420.00	GVSOMCW 20%G 10%O 20%M 50%W	5.891
180.00	GVSOWCM 20%G 10%O 40%M 30%W	2.525
95.00	GSOWCM 15%G 20%O 40%M 25%W	1.333
0.00	420ft GIP	0.000

Total Length: 1055.00 ft Total Volume: 13.159 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

