

**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Staab Oil Co.
1607 Hopewell Rd.
Hays, KS 67601
ATTN: Richard Bell

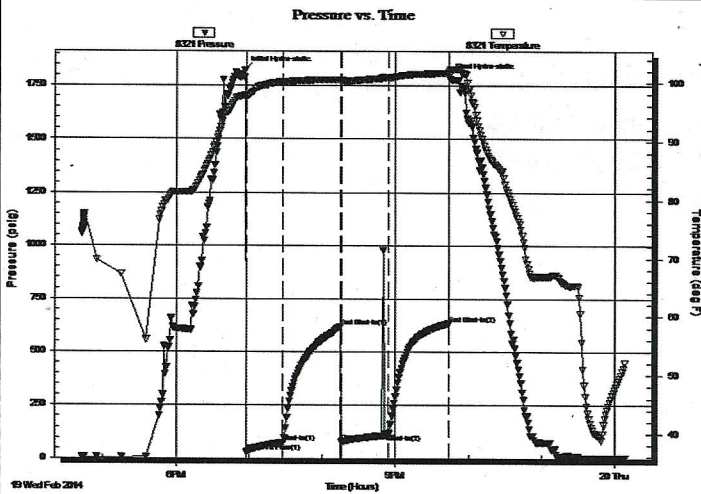
28-12s-17w Ellis, KS
SEC #3
Job Ticket: 54008 **DST#: 1**
Test Start: 2014.02.19 @ 16:42:26

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:57:56
Time Test Ended: 00:07:56
Interval: **3610.00 ft (KB) To 3667.00 ft (KB) (TVD)**
Total Depth: 3730.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2117.00 ft (KB)
2110.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8321 Inside
Press@RunDepth: 114.59 psig @ 3648.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.02.19 End Date: 2014.02.20 Last Calib.: 2014.02.20
Start Time: 16:42:27 End Time: 00:07:56 Time On Btm: 2014.02.19 @ 18:56:26
Time Off Btm: 2014.02.19 @ 21:43:56

TEST COMMENT: 30- IF- Slowly built to 8"
45- IS- Surface blow died in 9 mins
30- FF- Slowly built to 6"
60- FS- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1823.89	97.78	Initial Hydro-static
2	30.37	97.51	Open To Flow (1)
32	75.01	100.13	Shut-In(1)
79	617.10	100.55	End Shut-In(1)
79	79.54	100.42	Open To Flow (2)
118	114.59	100.83	Shut-In(2)
167	632.94	101.66	End Shut-In(2)
168	1792.37	101.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
95.00	SMCO, 95%O	0.70
125.00	OCM, 80%M	0.92
0.00	35' GIP	0.00

Gas Rates

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