



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Staab Oil Co.

Sec. 2-13s-19w Ellis, KS

1607 Hopewell Rd
Hays, KS 67601

Feedlot Frank #1

Job Ticket: 58888

DST#: 1

ATTN: Randy Killian

Test Start: 2014.05.10 @ 13:25:00

GENERAL INFORMATION:

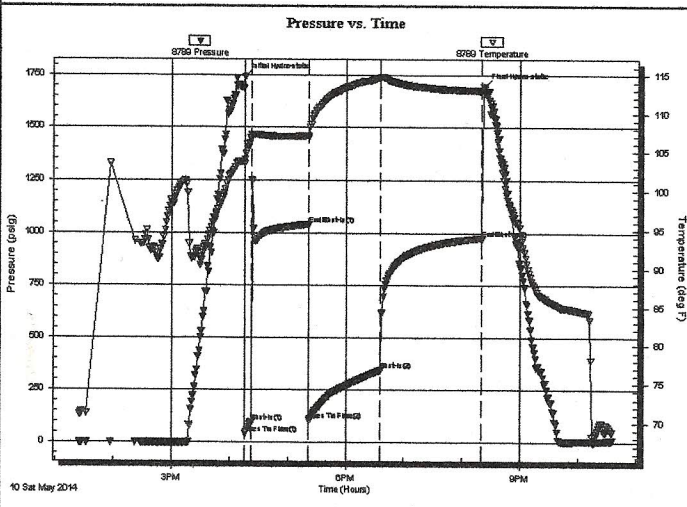
Formation: **LKC "C-F"**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 16:15:45
 Time Test Ended: 22:35:15
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Phillip Gage**
 Unit No: **76**
 Interval: **3495.00 ft (KB) To 3580.00 ft (KB) (TVD)**
 Total Depth: **3580.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Reference Elevations: **2130.00 ft (KB)**
2125.00 ft (CF)
 KB to GR/CF: **5.00 ft**

Serial #: 8789

Inside

Press@RunDepth: **343.33 psig @ 3513.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2014.05.10** End Date: **2014.05.10** Last Calib.: **2014.05.10**
 Start Time: **13:25:00** End Time: **22:35:15** Time On Btm: **2014.05.10 @ 16:15:30**
 Time Off Btm: **2014.05.10 @ 20:22:30**

TEST COMMENT: 5-IF-Built to 8 1/4"
 60-ISI-Few bubbles at 8 mins, then died.
 75-FF-BOB in 13 mins.
 105-FSI-No Return.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1741.55	104.04	Initial Hydro-static
1	43.11	103.59	Open To Flow (1)
7	97.34	106.80	Shut-In(1)
66	1038.95	107.10	End Shut-In(1)
67	104.21	106.86	Open To Flow (2)
141	343.33	114.64	Shut-In(2)
245	977.70	112.95	End Shut-In(2)
247	1695.78	112.77	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
504.00	MW, 40%w, 60%w	3.92
189.00	WM, 20%w, 80%w	2.65
15.00	WM with oil spots, 20%w, 80%w	0.21

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