



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Stabb Oil Company

Sec. 26 - 12 s. - 17 w./ Ellis ks.

1607 Hopewell RD.
Hays KS.
67601
ATTN: Janel Staab

Hoffman Leikman # 1

Job Ticket: 62489 **DST#: 1**

Test Start: 2014.11.26 @ 03:45:05

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 06:23:30

Time Test Ended: 12:44:00

Interval: **3652.00 ft (KB) To 3676.00 ft (KB) (TVD)**

Total Depth: **3801.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Test Type: **Conventional Straddle (Initial)**

Tester: **Bob Hamel**

Unit No: **60**

Reference Elevations: **2130.00 ft (KB)**

2125.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6772

Inside

Press@RunDepth: **1160.02 psig @ 3653.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2014.11.26** End Date: **2014.11.26**

Last Calib.: **2014.11.26**

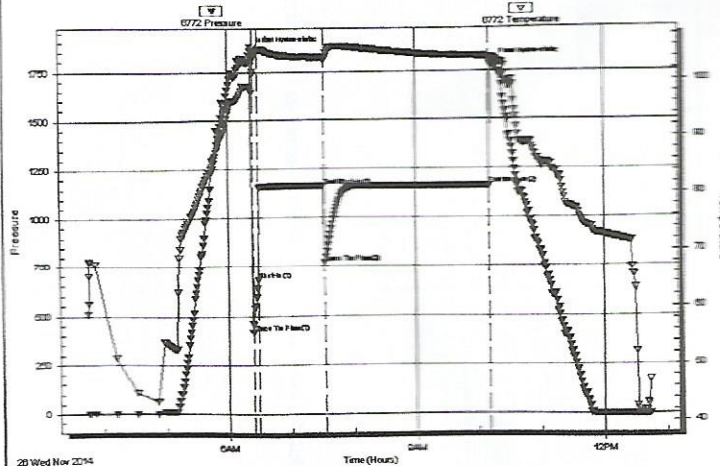
Start Time: **03:45:05** End Time: **12:44:00**

Time On Btm: **2014.11.26 @ 06:22:15**

Time Off Btm: **2014.11.26 @ 10:13:45**

TEST COMMENT: LF. - 5 - B.O.B. IN 45 SEC.
LS.L - 60 - W.S.B.B. STARTED @ 8 MIN. BLEW FOR 2 THEN DIED
F.F. - 60 - B.O.B. INSTANT
F.S.I. - 90 - NO B.B.

Pressure vs. Time



PRESSURE SUMMARY

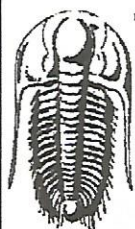
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1861.66	98.45	Initial Hydro-static
2	414.07	101.25	Open To Flow (1)
7	672.77	105.45	Shut-In(1)
70	1159.90	104.20	End Shut-In(1)
71	766.69	103.69	Open To Flow (2)
229	1160.02	104.20	End Shut-In(2)
232	1786.37	103.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
378.00	M,W, 5%M 95%W	2.68
2148.00	W,C,M, 15%W 85%M	29.26
16.00	S,O,S,M, 100%M (FEW OIL SPECS)	0.22

Gas Rates

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



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DRILL STEM TEST REPORT

Staab Oil Company

Sec. 26 - 12 s. - 17 w./ Ellis ks.

1607 Hopewell RD.
Hays KS.
67601
ATTN: Janel Staab

Hoffman Leikman # 1

Job Ticket: 62490

DST#: 2

Test Start: 2014.11.26 @ 14:45:00

GENERAL INFORMATION:

Formation: **ARBUCKE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:17:30

Time Test Ended: 22:43:00

Interval: **3665.00 ft (KB) To 3674.00 ft (KB) (TVD)**

Total Depth: 3801.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Straddle (Reset)

Tester: Bob Hamel

Unit No: 60

Reference Elevations: 2130.00 ft (KB)

2125.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **6772**

Inside

Press@RunDepth: 55.74 psig @ 3666.00 ft (KB)

Start Date: 2014.11.26

End Date: 2014.11.26

Start Time: 14:45:00

End Time: 22:43:00

Capacity: 8000.00 psig

Last Calib.: 2014.11.26

Time On Btm: 2014.11.26 @ 16:17:00

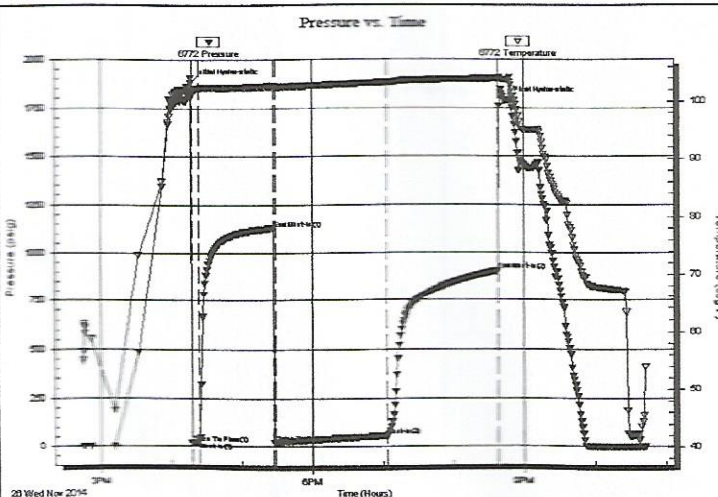
Time Off Btm: 2014.11.26 @ 20:46:00

TEST COMMENT: I.F. - 5 - 1/4" INT. BLOW BUILT TO 2 1/4"

I.S.I. - 60 - NO B.B.

F.F. - 90 - W.S.B. STARTED @ 3 MIN. BUILT TO 7"

F.S.I. - 90 - NO B.B.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1883.26	102.32	Initial Hydro-static
1	15.91	101.11	Open To Flow (1)
7	19.26	102.35	Shut-In(1)
70	1126.84	102.77	End Shut-In(1)
72	21.81	102.54	Open To Flow (2)
167	55.74	103.30	Shut-In(2)
261	906.77	103.97	End Shut-In(2)
269	1788.98	103.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	H ₂ O,C.M. 20%O 80%M	0.07
116.00	C/O 100%	0.82

* Recovery from multiple tests

Gas Rates

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