



DRILL STEM TEST REPORT

PAULEY GARY dba PAULEY OIL

15-16S-10W ELLSWORTH

314 5th STREET
CLAFLIN, KANSAS 67525

SARAH 1

Job Ticket: 01152 DST#: 1

ATTN: JIM MUSGROVE

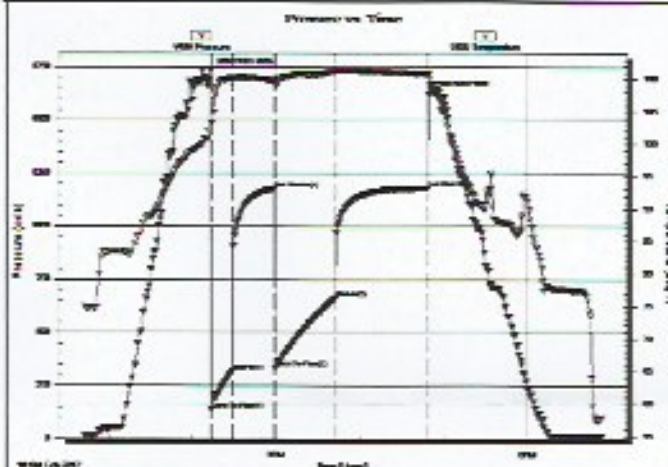
Test Start: 2017 02 18 @ 12:42:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:21:00
 Time Test Ended: 18:54:00
 Interval: **3333.00 ft (KB) To 3440.00 ft (KB) (TVD)**
 Total Depth: 3440.00 ft (KB) (TVD)
 Hole Diameter: 6.75 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: GENE BUDIG
 Unit No: 1-74
 Reference Elevations: 1890.00 ft (KB)
 1880.00 ft (CF)
 KB to GRFC: 10.00 ft

Serial #: 9139 Inside
 Press@RunDepth: 1180.91 psia @ 3435.14 ft (KB) Capacity: 5000.00 psia
 Start Date: 2017 02 18 End Date: 2017 02 18 Last Calib: 2017 02 18
 Start Time: 12:42:00 End Time: 18:53:30 Time On Btm: 2017 02 18 @ 14:13:00
 Time Off Btm: 2017 02 18 @ 16:48:00

TEST COMMENT: 1st OPENING 15 MINUTES FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 2 MINUTES
 1ST SHUT-IN 30 MINUTES NO BLOW BACK
 2ND OPENING 45 MINUTES FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 3 MINUTES
 2ND SHUT-IN 60 MINUTES NO BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1726.54	103.21	Initial Hydro-static
1	135.81	103.07	Open To Flow (1)
16	317.63	109.69	Shut-in(1)
46	1176.27	109.83	End Shut-in(1)
47	332.36	109.15	Open To Flow (2)
90	663.95	111.16	Shut-in(2)
156	1180.91	110.67	End Shut-in(2)
156	1619.31	110.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
210.00	OIL CUT MUDDY WATER	2.95
0.00	20 OIL 30 MUD 50 WATER	0.00
180.00	OIL CUT WATER 20 OIL 10 MUD 70 WATER	12.52
180.00	OIL CUT WATER 20 OIL 8 MUD 72 WATER	12.52
180.00	OIL CUT WATER 15 OIL 6 MUD 79 WATER	12.52
180.00	OIL CUT WATER 12 OIL 5 MUD 83 WATER	12.52

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Flow (Mscf/d)