

DRILL STEM TEST REPORT

Carrie Exploration & Development

John Roth #C-2

210 West 2nd Street
Hays, Kansas 67601

34-19s-11w

Job Ticket: 17214

DST#: 3

ATTN: Herb Deines

Test Start: 2011.09.14 @ 08:30:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335-30

Interval: 3320.00 ft (KB) To 3330.00 ft (KB) (TVD)

Reference Elevations: 1780.00 ft (KB)

Total Depth: 3330.00 ft (KB) (TVD)

1772.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6663

Outside

Press@RunDepth: 185.26 psia @ 3327.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.09.15

End Date:

2011.09.15

Last Calib.:

2011.09.15

Start Time: 08:30:00

End Time:

13:17:00

Time On Btm:

2011.09.15 @ 09:48:00

Time Off Btm:

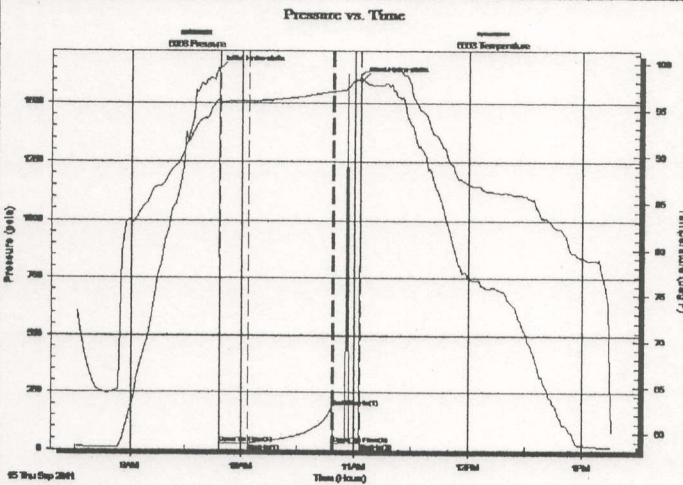
2011.09.15 @ 11:04:00

TEST COMMENT: 1st Opening 15 Minutes-Very weak surface blow for 10 minutes and died

1st Shut-In 45 Minutes-No blow back

2nd Opening 15 Minutes-No blow flushed tool after 5 minutes good surge no blow pulled tool after 10 minutes

2nd Shut-In NONE TAKEN



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1648.03	95.96	Initial Hydro-static
1	26.48	95.44	Open To Flow (1)
16	28.52	95.85	Shut-In(1)
61	185.26	96.94	End Shut-In(1)
62	28.26	96.92	Open To Flow (2)
75	31.50	98.23	Shut-In(2)
76	1603.30	98.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	very slightly oil spotted mud	0.14
0.00	there was a good show of oil	0.00
0.00	between the tools	0.00

Gas Rates

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