

DRILL STEM TEST REPORT

Prepared For: **Southwind Petroleum Corp.**

1400 West 14th Street
Wichita, Kansas 67203+2901

ATTN:

Eileen Hagerman #4-3

4/20S/16W/Pawnee

Start Date: 2013.06.26 @ 16:28:00

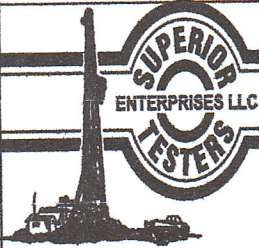
End Date: 2013.06.26 @ 22:11:30

Job Ticket #: 18136 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.06.26 @ 22:33:49

Southwind Petroleum Corp. 4/20S/16W/Pawnee Eileen Hagerman #4-3 DST # 1 Arbuckle 2013.06.26



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 Wichita, Kansas 67203+2901
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4/20S/16W/Pawnee
Eileen Hagerman #4-3
 Job Ticket: 18136 DST#: 1
 Test Start: 2013.06.26 @ 16:28:00

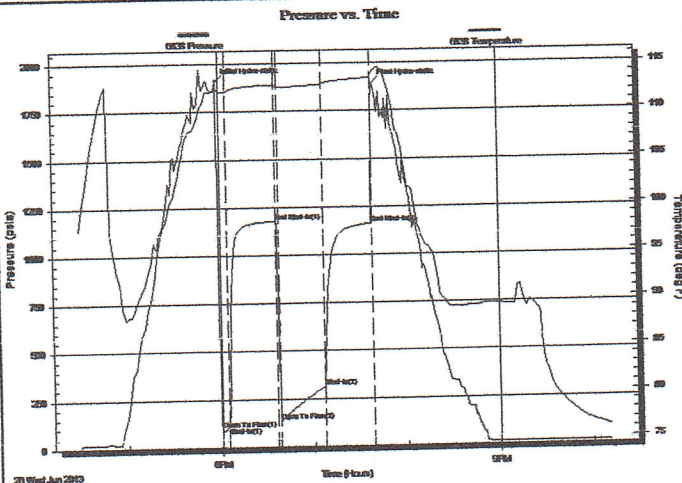
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:00:00
 Time Test Ended: 22:11:30
 Interval: **3776.00 ft (KB) To 3797.00 ft (KB) (TVD)**
 Total Depth: 3900.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Poor

Test Type: Conventional Straddle (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Great Bend/34
 Reference Elevations: 2029.00 ft (KB)
 2022.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6838 Inside
 Press@RunDepth: 314.15 psia @ 3791.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.06.26 End Date: 2013.06.26 Last Calib.: 2013.06.26
 Start Time: 16:28:00 End Time: 22:11:30 Time On Btm: 2013.06.26 @ 17:58:30
 Time Off Btm: 2013.06.26 @ 19:39:30

TEST COMMENT: 1ST Open 5 Minutes/Strong blow/Blow built to bottom of bucket in 1 minute 20 seconds
 1ST Shut In 30 Minutes/Blow back built to 1 1/2 inch
 2ND Open 30 Minutes/Good blow /Blow built to bottom of bucket in 2 minutes 30 seconds
 2ND Shut In 30 Minutes/Blow back built to 3/4 inch



PRESSURE SUMMARY

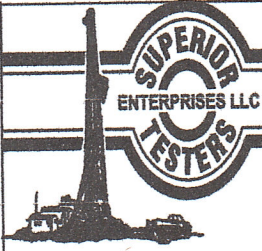
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1910.53	112.33	Initial Hydro-static
2	96.12	112.07	Open To Flow (1)
6	107.73	112.02	Shut-In(1)
38	1176.77	112.74	End Shut-In(1)
39	134.73	112.51	Open To Flow (2)
69	314.15	112.75	Shut-In(2)
100	1161.86	113.40	End Shut-In(2)
101	1892.01	114.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	372 feet of gas in pipe	0.00
189.00	Slightly oil cut muddy water	2.65
0.00	Oil 5% Mud 45% Water 50%	0.00
434.00	Muddy water with skim of oil	6.09
0.00	Mud 5% Water 95%	0.00
0.00	Recovery Chlorides 32000 ppm	0.00

Gas Rates

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



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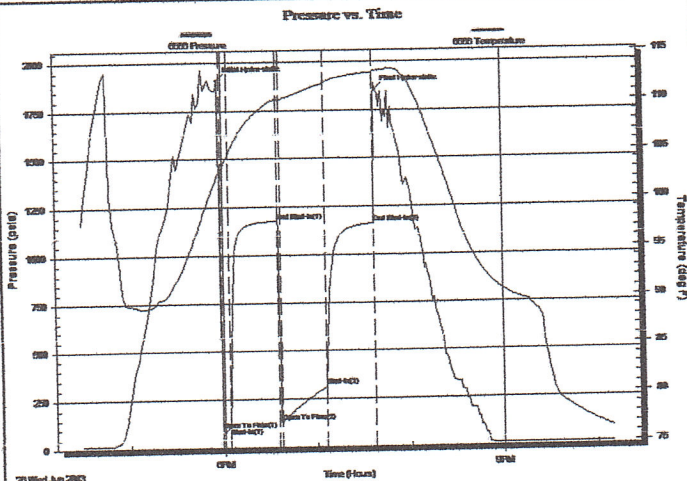
4/20S/16W/Pawnee
Eileen Hagerman #4-3
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 Test Type: Conventional Straddle (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Great Bend/34
 Reference Elevations: 2029.00 ft (KB)
 2022.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6666 Inside
 Press@RunDepth: 1160.84 psia @ 3791.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.06.26 End Date: 2013.06.26 Last Calib.: 2013.06.26
 Start Time: 16:28:00 End Time: 22:10:30 Time On Btm: 2013.06.26 @ 17:57:30
 Time Off Btm: 2013.06.26 @ 19:39:00

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 2ND Open 30 Minutes/Good blow /Blow built to bottom of bucket in 2 minutes 30 seconds
 2ND Shut In 30 Minutes/Blow back built to 3/4 inch



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1908.73	102.77	Initial Hydro-static
2	94.65	103.02	Open To Flow (1)
6	106.43	104.52	Shut-In(1)
38	1175.79	110.28	End Shut-In(1)
39	133.05	110.16	Open To Flow (2)
69	313.74	111.87	Shut-In(2)
100	1160.84	112.95	End Shut-In(2)
102	1856.15	113.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	372 feet of gas in pipe	0.00
189.00	Slightly oil cut muddy water	2.65
0.00	Oil 5% Mud 45% Water 50%	0.00
434.00	Muddy water with skim of oil	6.09
0.00	Mud 5% Water 95%	0.00
0.00	Recovery Chlorides 32000 ppm	0.00

Gas Rates

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