

15-057-20653

24-29S-25W


**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

S&W Oil and Gas

3540 W. Douglas #3
Wichita Ks, 67203

ATTN: Mike Engelbrecht

Double H Farms 24-1

24 29S 25W Ford KS

Job Ticket: 37567

DST#: 1

Test Start: 2009.11.27 @ 11:40:23

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:55:33

Time Test Ended: 20:38:53

Test Type: Conventional Bottom Hole

Tester: Mike Slomp

Unit No: 28

Interval: **5286.00 ft (KB) To 5318.00 ft (KB) (TVD)**

Total Depth: 5318.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2626.00 ft (KB)

2616.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6751

Inside

Press@RunDepth: 38.78 psig @ 5288.00 ft (KB)

Start Date: 2009.11.27

End Date:

2009.11.27

Start Time: 11:40:24

End Time:

20:38:53

Capacity: 8000.00 psig

Last Calib.: 2009.11.27

Time On Btm: 2009.11.27 @ 14:55:03

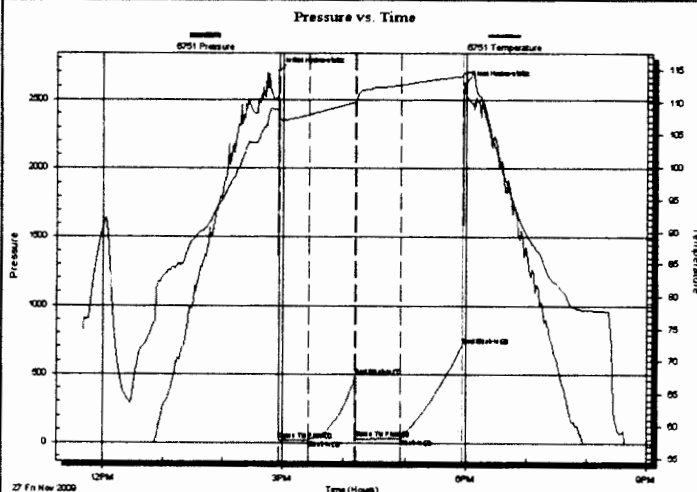
Time Off Btm: 2009.11.27 @ 17:58:23

TEST COMMENT: IF- Weak blow, 3 inches in 30 minutes

IS- No blow back

FF- Strong blow, BOB in 25 minutes

FS- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2704.73	108.86	Initial Hydro-static
1	22.56	107.28	Open To Flow (1)
31	25.45	108.07	Shut-In (1)
77	484.35	110.01	End Shut-In (1)
77	33.99	109.95	Open To Flow (2)
121	38.78	112.65	Shut-In (2)
182	712.35	114.04	End Shut-In (2)
184	2615.63	114.45	Final Hydro-static

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Recovery

Length (ft)	Description	Volume (bbl)
30.00	100% mud	0.15

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

S&W Oil and Gas

3540 W. Douglas #3
Wichita Ks, 67203

ATTN: Mike Engelbrecht

Double H Farms 24-1

24 29S 25W Ford KS

Job Ticket: 37568

DST#: 2

Test Start: 2009.11.28 @ 07:35:56

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:01:46

Time Test Ended: 17:02:26

Interval: **5285.00 ft (KB) To 5363.00 ft (KB) (TVD)**

Total Depth: 5363.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Mike Slomp

Unit No: 28

Reference Elevations: 2626.00 ft (KB)

2616.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6751

Inside

Press@RunDepth: 104.05 psig @ 5287.00 ft (KB)

Start Date: 2009.11.28

End Date:

2009.11.28

Start Time: 07:35:57

End Time:

17:02:26

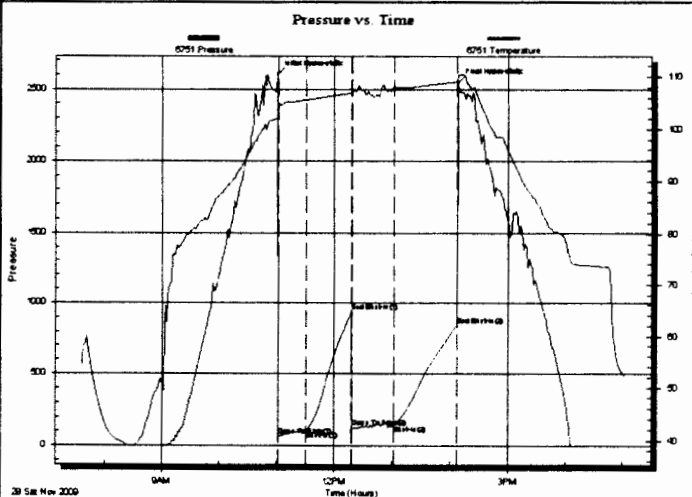
Capacity: 8000.00 psig

Last Calib.: 2009.11.28

Time On Btm: 2009.11.28 @ 11:01:06

Time Off Btm: 2009.11.28 @ 14:07:56

TEST COMMENT: IF- Strong blow, BOB in 5 min
IS- No blow back
FF- Weak blow, 7 inches in 45 min
FS- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2599.59	102.13	Initial Hydro-static
1	67.89	103.82	Open To Flow (1)
30	104.05	105.56	Shut-In(1)
78	936.65	106.86	End Shut-In(1)
78	128.47	106.58	Open To Flow (2)
122	141.71	108.26	Shut-In(2)
186	843.22	109.03	End Shut-In(2)
187	2544.75	110.41	Final Hydro-static

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Recovery

Length (ft)	Description	Volume (bbl)
190.00	GCM99% mud 1% condensate	0.93
60.00	OCCGM	0.40

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

S&W Oil and Gas

3540 W. Douglas #3
Wichita Ks, 67203

ATTN: Mike Engelbrecht

Double H Farms 24-1

24 29S 25W Ford KS

Job Ticket: 37582

DST#: 3

Test Start: 2009.11.29 @ 02:15:05

GENERAL INFORMATION:

Formation: **Miss.**

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

Time Tool Opened: 04:51:50

Time Test Ended: 14:13:20

Test Type: **Conventional Bottom Hole**

Tester: **Harley Davidson**

Unit No: **33**

Interval: **5375.00 ft (KB) To 5390.00 ft (KB) (TVD)**

Total Depth: **5390.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Fair**

Reference Elevations: **2626.00 ft (KB)**

2616.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 6773

Inside

Press@RunDepth: **919.74 psig @ 5377.00 ft (KB)**

Start Date: **2009.11.29**

End Date:

2009.11.29

Start Time: **02:15:05**

End Time:

14:13:20

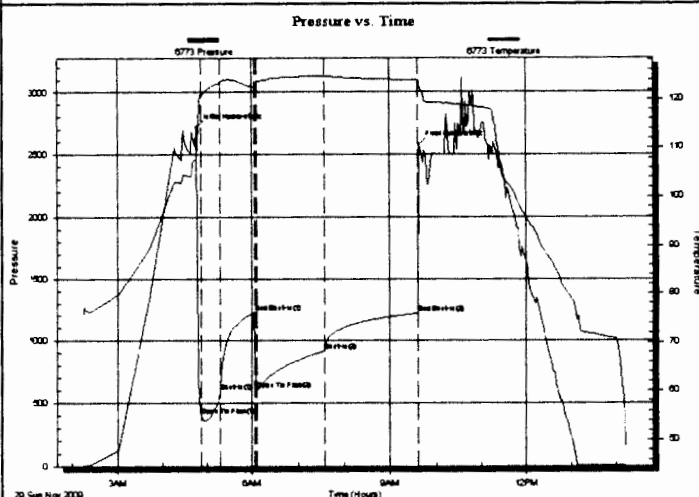
Capacity: **7000.00 psig**

Last Calib.: **2009.11.29**

Time On Btm: **2009.11.29 @ 04:46:30**

Time Off Btm: **2009.11.29 @ 09:37:59**

TEST COMMENT: IF- Strong blow BOB ASAO, GTS, 3min.
IS- BOB blow back.
FF- Strong blow, BOB, GTS ASAO.
FS- BOB blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2718.74	107.58	Initial Hydro-static
6	398.28	120.93	Open To Flow (1)
31	594.38	123.34	Shut-In(1)
76	1225.53	122.46	End Shut-In(1)
79	612.87	123.66	Open To Flow(2)
168	919.74	124.69	Shut-In(2)
291	1219.78	123.89	End Shut-In(2)
292	2579.47	122.87	Final Hydro-static

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Recovery

Length (ft)	Description	Volume (bbl)
5204.00	scattered fluid 50%gas 50%oil	70.84
124.00	40%oil 60%mud trace of water	1.74
30.00	100% water trace mud.	0.42

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	20.00	54.57
Last Gas Rate	0.13	17.00	11.75
Max. Gas Rate	0.25	60.00	118.03

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