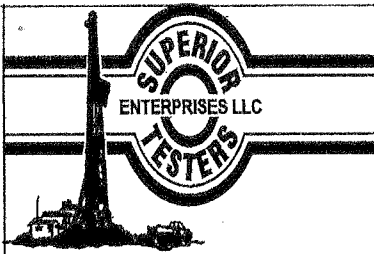


15-009-25314

27-17s-15w



DRILL STEM TEST REPORT

MAI OIL OPERATIONS INC

KELLY#1

8411 PRESTON RD STE
DALLAS TX 75225+5520

27-17S-15W BARTON

Job Ticket: 16776

DST#: 1

ATTN: KITT NOAH

Test Start: 2009.04.26 @ 12:45:00

GENERAL INFORMATION:

Formation: LANSING KC B-C

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:21:50

Time Test Ended: 18:01:50

Test Type: Conventional Bottom Hole (Initial)

Tester: JARED SCHECK

Unit No: 3320-50-GB

Interval: 3313.00 ft (KB) To 3345.00 ft (KB) (TVD)

Reference Elevations: 2022.00 ft (KB)

Total Depth: 3345.00 ft (KB) (TVD)

2014.00 ft (CF)

Hole Diameter: 6.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 27799

Inside

Press@RunDepth: 64.03 psia @ 3340.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2009.04.26

End Date:

2009.04.26

Last Calib.: 2009.04.26

Start Time: 12:45:00

End Time:

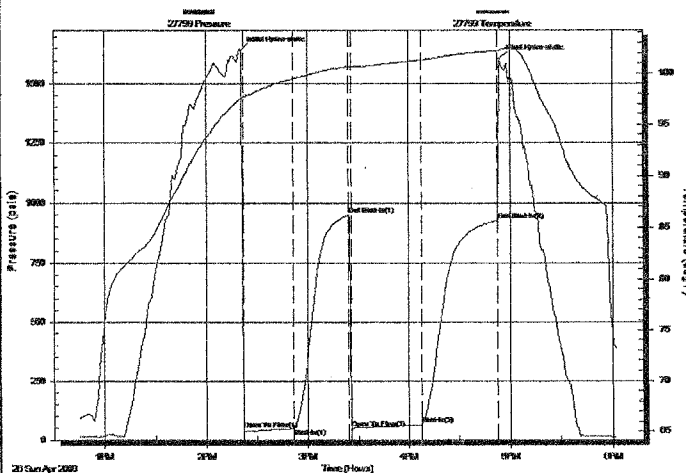
18:01:50

Time On Btm: 2009.04.26 @ 14:20:50

Time Off Btm: 2009.04.26 @ 16:54:20

TEST COMMENT: 30/INITIAL OPEN: FAIR BUILDING BLOW BUILT BOTTOM OF BUCKET 6 MINUTES BLOW DIED OFF 17 MINUTES INTO OPEN
 30/INITIAL SHUT IN: NO BLOW BACK
 45/FINAL OPEN: FAIR BLOW BUILT BOTTOM OF BUCKET 10 MINUTES
 45/FINAL SHUT IN: NO BLOW BACK

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1641.24	97.56	Initial Hydro-static
1	43.15	97.69	Open To Flow (1)
31	46.55	99.44	Shut-In (1)
64	949.17	100.65	End Shut-In (1)
65	47.07	100.64	Open To Flow (2)
107	64.03	101.31	Shut-In (2)
152	926.50	102.19	End Shut-In (2)
154	1604.61	102.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MUDDY WATER 50%M 50%W	0.84

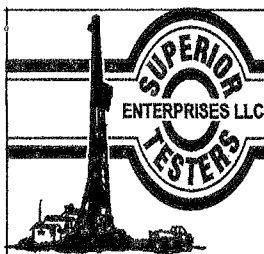
Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mc/d)
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DRILL STEM TEST REPORT

MAI OIL OPERATIONS INC

KELLY#1

8411 PRESTON RD STE
DALLAS TX 75225+5520

27-17S-15W BARTON

Job Ticket: 16777

DST#: 2

ATTN: KITT NOAH

Test Start: 2009.04.27 @ 12:00:00

GENERAL INFORMATION:

Formation: LANSING KC H-K

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:21:50

Time Test Ended: 16:37:19

Test Type: Conventional Bottom Hole (Initial)

Tester: JARED SCHECK

Unit No: 3320- 50 -GB

Interval: 3449.00 ft (KB) To 3509.00 ft (KB) (TVD)

Reference Elevations: 2022.00 ft (KB)

Total Depth: 3509.00 ft (KB) (TVD)

2014.00 ft (CF)

Hole Diameter: 6.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8524

Outside

Press@RunDepth: 247.98 psia @ 3504.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2009.04.27

End Date: 2009.04.27

Last Calib.: 2009.04.27

Start Time: 12:00:00

End Time: 16:37:00

Time On Btm: 2009.04.27 @ 13:19:50

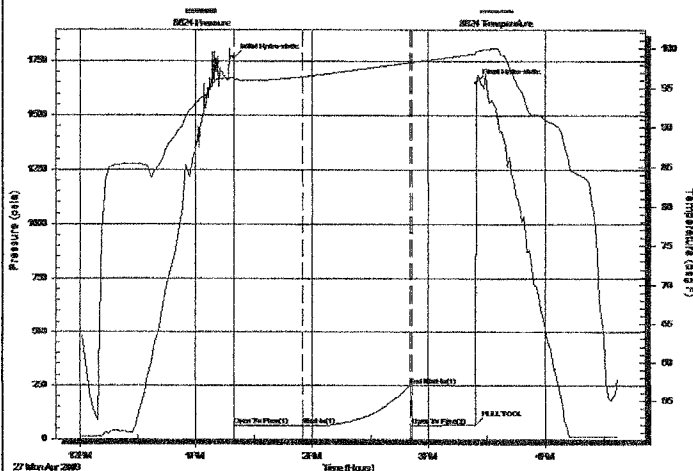
Time Off Btm: 2009.04.27 @ 15:24:30

TEST COMMENT: 45/INITIAL OPEN:WEAK BT BUILDING BLOW BUILT 1 INCH INTO BUCKET IN 45 MINUTES

45/INITIAL SHUT-IN:NO BLOW BACK

30/FINAL OPEN :BLOW DIED OFF FLUSHED TOOL 15 MINUTES INOT OPEN WEAK SURGE DID NOT BUILD PULL TOOL
30 MINUTES INTO OPEN

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1764.57	96.36	Initial Hydro-static
1	60.59	96.05	Open To Flow (1)
36	61.10	96.45	Shut-In(1)
91	247.98	98.28	End Shut-In(1)
92	61.76	98.32	Open To Flow (2)
125	64.33	99.34	PULL TOOL
125	1650.73	99.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	MUD 100%	0.14

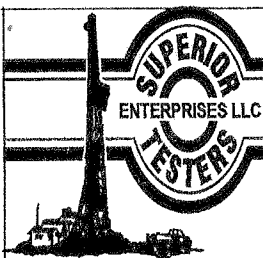
Gas Rates

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

MAI OIL OPERATIONS INC

8411 PRESTON RD STE
DALLAS TX 75225+5520

ATTN: KITT NOAH

KELLY#1

27-17S-15W BARTON

Job Ticket: 16778

DST#: 3

Test Start: 2009.04.28 @ 06:45:00

GENERAL INFORMATION:

Formation: ARBUCKLE

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:15:25

Time Test Ended: 11:28:54

Test Type: Conventional Bottom Hole (Initial)

Tester: JARED SCHECK

Unit No: 3320- 50 -GB

Interval: 3538.00 ft (KB) To 3575.00 ft (KB) (TVD)

Total Depth: 3575.00 ft (KB) (TVD)

Hole Diameter: 6.88 inches Hole Condition: Fair

Reference Elevations: 2022.00 ft (KB)

2014.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8524 Outside

Press@RunDepth: 69.30 psia @ 3570.00 ft (KB)

Start Date: 2009.04.28

End Date: 2009.04.28

Start Time: 06:45:00

End Time: 11:31:00

Capacity: 5000.00 psia

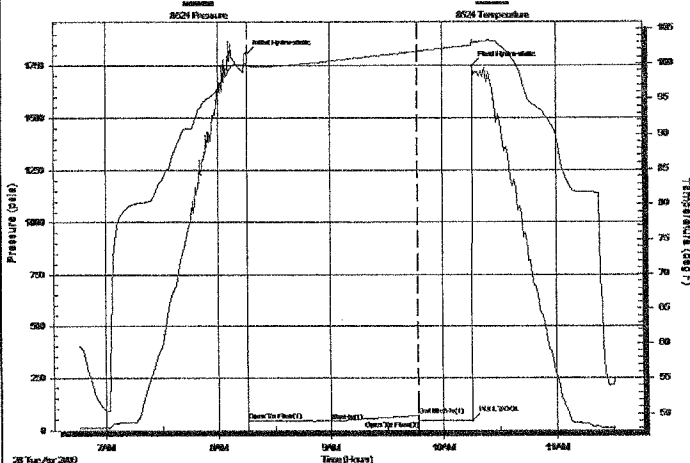
Last Calib.: 2009.04.28

Time On Btm: 2009.04.28 @ 08:15:30

Time Off Btm: 2009.04.28 @ 10:16:00

TEST COMMENT: 45/INITIAL OPEN:WEAK BUT BUILDING BLOW BUILT
45/INITIAL SHUT IN:NO BLOW BACK
30/FINAL OPEN:WEAK SURGE DID NOT BUILD PULLED TOOL 30 MINUTES

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1807.75	100.00	Initial Hydro-static
1	44.47	99.55	Open To Flow (1)
45	42.58	100.35	Shut-In(1)
91	69.30	101.72	End Shut-In(1)
91	43.96	101.73	Open To Flow (2)
120	43.81	102.52	PULL TOOL
121	1750.63	103.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SPOT OIL CUT MUD 1%OIL 99% MUD	0.14

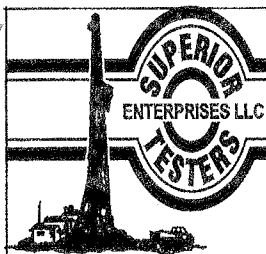
Gas Rates

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

MAI OIL OPERATIONS INC

KELLY#1

8411 PRESTON RD STE
DALLAS TX 75225+5520

27-17S-15W BARTON

ATTN: KITT NOAH

Job Ticket: 16779

DST#: 4

Test Start: 2009.04.28 @ 22:05:00

GENERAL INFORMATION:

Formation: ARBUCKLE

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:07:25

Time Test Ended: 04:13:25

Test Type: Conventional Bottom Hole (Initial)

Tester: JARED SCHECK

Unit No: 332O- 50 - GB

Interval: 3572.00 ft (KB) To 3586.00 ft (KB) (TVD)

Reference Elevations: 2022.00 ft (KB)

Total Depth: 3586.00 ft (KB) (TVD)

2014.00 ft (CF)

Hole Diameter: 6.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8524

Outside

Press@RunDepth: 218.83 psia @ 3581.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2009.04.28

End Date:

2009.04.29

Last Calib.:

2009.04.29

Start Time: 22:05:00

End Time:

04:14:00

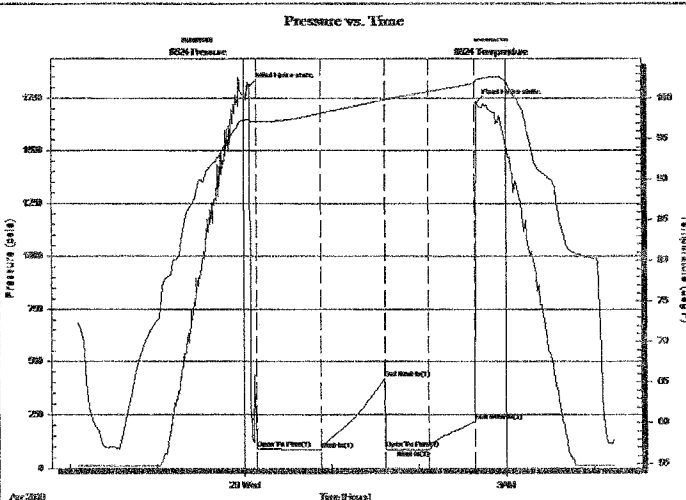
Time On Btm:

2009.04.29 @ 00:04:20

Time Off Btm:

2009.04.29 @ 02:40:30

TEST COMMENT: 45/INITIAL OPEN:WEAK BLOW BUILT 1 1/2 STAYED STEADY THROUGHOUT OPEN TOOL CHASE 2 FEET
45/INITIAL SHUT IN:NO BLOW BACK
30/FINAL OPEN:VERY WEAK SRFACE BLOW DID NOT BUILD
30/FINAL SHUT IN:NO BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1803.94	97.51	Initial Hydro-static
5	90.83	97.06	Open To Flow (1)
49	85.16	98.13	Shut-In(1)
93	421.58	99.84	End Shut-In(1)
94	88.98	99.78	Open To Flow (2)
124	87.76	100.86	Shut-In(2)
156	218.83	101.85	End Shut-In(2)
157	1724.56	102.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MUD 100%	1.68

Gas Rates

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