

34-15s-15w



DRILL STEM TEST REPORT

MAI OIL OPERATIONS INC
 8411 PRESTON RD STEB00
 DALLAS TX 75225+5520

15-167-23571-0000
 wa scsw

MICHAELIS #1
 34-15S-15W RUSSELL
 Job Ticket: 16780 DST#: 1
 Test Start: 2009.05.04 @ 12:15:00

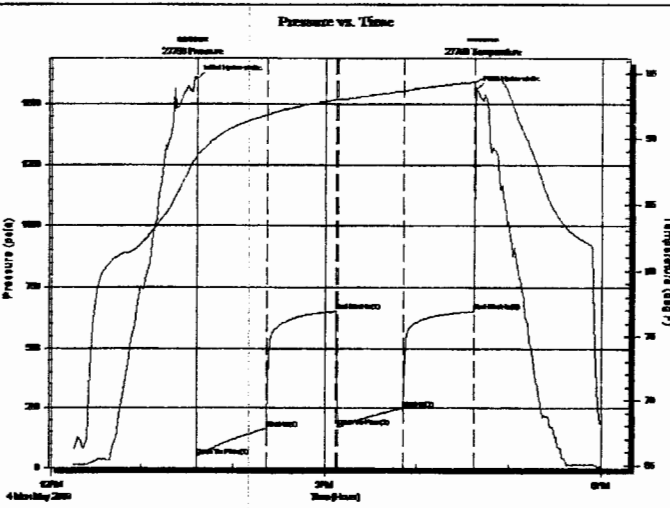
ATTN: KITT NOAH

GENERAL INFORMATION:

Formation: **LANSING KC "B-C"**
 Deviated: **No Whipstock:** ft (KB)
 Test Type: **Conventional Bottom Hole (Initial)**
 Time Tool Opened: 13:36:25
 Tester: **JARED SCHECK**
 Time Test Ended: 18:00:24
 Unit No: **3320-70-GB**
 Interval: **3194.00 ft (KB) To 3236.00 ft (KB) (TVD)**
 Reference Elevations: 1947.00 ft (KB)
 Total Depth: **3236.00 ft (KB) (TVD)**
 1939.00 ft (CF)
 Hole Diameter: **6.88 inches** Hole Condition: **Fair**
 KB to GR/CF: **8.00 ft**

Serial #: **27799** Inside
 Press@RunDepth: **248.52 psia @ 3231.00 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2009.05.04** End Date: **2009.05.04** Last Calib.: **2009.05.04**
 Start Time: **12:15:00** End Time: **18:00:24** Time On Btm: **2009.05.04 @ 13:35:55**
 Time Off Btm: **2009.05.04 @ 16:38:25**

TEST COMMENT: 45/INITIAL OPEN: FAIR BLOW BUILT BOTTOM OF BUCKET IN 14 MINUTES
 45/INITIAL SHUT-IN: NO BLOW BACK
 45/FINAL OPEN: FAIR BLOW BUILT BOTTOM OF BUCKET IN 23 MINUTES
 45/FINAL SHUT-IN: NO BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1604.93	88.67	Initial Hydro-static
1	47.56	88.76	Open To Flow (1)
46	163.73	91.77	Shut-In(1)
92	652.91	92.99	End Shut-In(1)
93	170.63	93.01	Open To Flow (2)
136	248.52	93.65	Shut-In(2)
182	651.98	94.36	End Shut-In(2)
183	1560.81	94.38	Final Hydro-static

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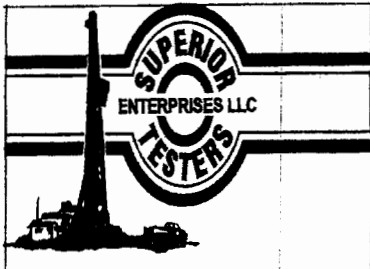
Recovery

Length (ft)	Description	Volume (bbl)
420.00	MUD CUT WATER 10%M 90%W	5.89

Gas Rates

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

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MAI OIL OPERATIONS INC

MICHAELIS #1

8411 PRESTON RD STEB00
DALLAS TX 75225+5520

34-15S-15W RUSSELL

Job Ticket: 16781 DST#: 2

ATTN: KITT NOAH

Test Start: 2009.05.05 @ 02:10:00

GENERAL INFORMATION:

Formation: LANSING KC "E-F"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:37:25

Time Test Ended: 08:09:25

Test Type: Conventional Bottom Hole (Initial)

Tester: JARED SCHECK

Unit No: 3320 -70- GB

Interval: 3244.00 ft (KB) To 3294.00 ft (KB) (TVD)

Reference Elevations: 1947.00 ft (KB)

Total Depth: 3294.00 ft (KB) (TVD)

1939.00 ft (CF)

Hole Diameter: 6.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8524

Outside

Press@RunDepth: 644.13 psia @ 3289.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2009.05.05 End Date: 2009.05.05

Last Calib.: 2009.05.05

Start Time: 02:10:00 End Time: 08:08:00

Time On Btm: 2009.05.05 @ 03:35:30

Time Off Btm: 2009.05.05 @ 06:36:00

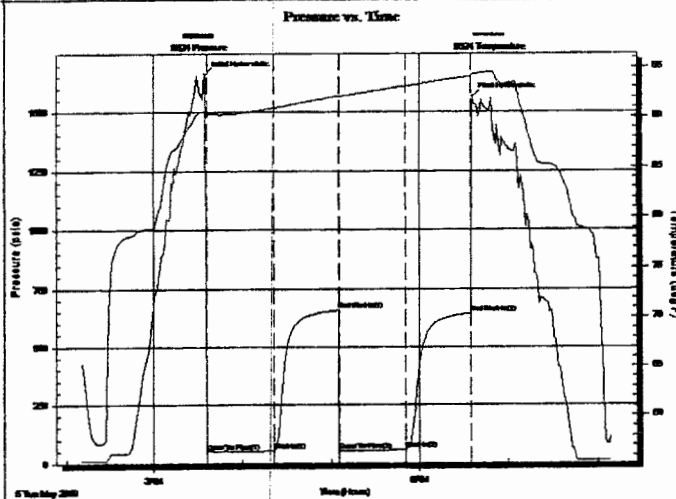
TEST COMMENT: 45/INITIAL OPEN:VERY WEAK BUT BUILDING BLOW BUILT 1 INCH INTO WATER IN 45 MINUTES

45/INITIAL SHUT IN:NO BLOW BACK

45/FINAL OPEN:VERY WEAK SUFACE BLOW BUILT 1/2 INCH IN 45 MINUTES

45/FINAL SHUT IN:NO BLOW BACK

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1658.86	90.55	Initial Hydro-static
2	49.12	89.98	Open To Flow (1)
47	50.95	90.90	Shut-In(1)
90	657.23	92.09	End Shut-In(1)
91	52.97	92.09	Open To Flow (2)
136	55.11	93.09	Shut-In(2)
179	644.13	94.04	End Shut-In(2)
181	1563.37	94.25	Final Hydro-static

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Recovery

Length (ft)	Description	Volume (bbl)
20.00	MUD 100%M	0.28

Gas Rates

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