



15-009-24836

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21083.D85

08-165-11W

ORIGINAL

Page 1 of 2 Pages

Company Mai Oil Operations, Inc. Lease & Well No. O'Leary No. 5

Elevation 1794 KB Formation Lansing/Kansas City "A" - "C" Effective Pay -- Ft. Ticket No. J1672

Date 6-3-05 Sec. 8 Twp. 16S Range 11W County Barton State Kansas

Test Approved By Allen Bangert Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 2,930 ft. to 2,985 ft. Total Depth 2,985 ft.

Actual Depth 2,925 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Actual Depth 2,930 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Open Recorder Depth (Inside) 2,933 ft. Recorder Number 21083 Cap. 5,000 psi

Open Recorder Depth (Outside) 2,982 ft. Recorder Number 11017 Cap. 3,900 psi

Flow Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Murfin Drilling Co., Inc. - Rig 16 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 57 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 9.6 cc. Drill Pipe Length 2,910 ft. I.D. 3 1/2 in.

Chlorides 4,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Bars: Make Bowen Serial Number Not Run Anchor Length 55 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 2 mins. No blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket in 5 mins. Gas to surface in 12 mins. Weak blow back during shut-in.
(SEE REMARKS.)

Recovered 90 ft. of slightly gas cut watery mud = 1.278000 bbls. (Grind out: 5%-gas; 25%-water; 70%-mud)
Recovered -- ft. of Chlorides: 30,000 Ppm

Recovered -- ft. of

Recovered -- ft. of

Recovered -- ft. of

Recovered -- ft. of

Remarks Gas gauged a steady 5,000 CF/D with a 3/8 in. orifice & 2 ins. of water. Gas burned. Gas sample taken.

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CONSERVATION DIVISION
WICHITA, KS

Time Set Packer(s) 12:30 A.M. P.M. Time Started Off Bottom 4:00 A.M. P.M. Maximum Temperature 102°

Initial Hydrostatic Pressure (A) 1430 P.S.I.

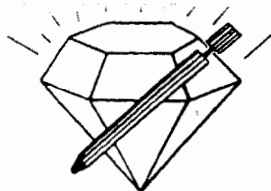
Initial Flow Period Minutes 45 (B) 26 P.S.I. to (C) 41 P.S.I.

Initial Closed In Period Minutes 60 (D) 135 P.S.I.

Initial Flow Period Minutes 45 (E) 42 P.S.I. to (F) 60 P.S.I.

Initial Closed In Period Minutes 60 (G) 134 P.S.I.

Initial Hydrostatic Pressure (H) 1359 P.S.I.



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Company Mai Oil Operations, Inc. Lease & Well No. O'Leary No. 5
Elevation 1794 KB Formation Lansing/Kansas City "G" Effective Pay -- Ft. Ticket No. J1673
Date 6-4-05 Sec. 8 Twp. 16S Range 11W County Barton State Kansas
Test Approved By Allen Bangert Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,026 ft. to 3,037 ft. Total Depth 3,037 ft.
Packer Depth 3,021 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,026 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,029 ft. Recorder Number 21083 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,034 ft. Recorder Number 11017 Cap. 3,900 psi
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Murfin Drilling Co., Inc. - Rig 16 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 51 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.1 Water Loss 9.0 cc. Drill Pipe Length 3,006 ft. I.D. 3 1/2 in.
Chlorides 6,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number Not Run Anchor Length 11 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 4 mins. Decreasing to a fair, 4 in., blow. No blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket in 1 min. Decreasing to a 5 in. blow at end. No blow back during shut-in.

Recovered 2,050 ft. of gas in pipe
Recovered 55 ft. of gassy muddy oil = .781000 bbls. (Grind out: 20%-gas; 25%-mud; 55%-oil)
Recovered 55 ft. of TOTAL FLUID = .781000 bbls.

Recovered -- ft. of --
Recovered -- ft. of --
Remarks --

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WICHITA, KS

Time Set Packer(s) 2:25 AM P.M. Time Started Off Bottom 5:55 AM P.M. Maximum Temperature 101°
Initial Hydrostatic Pressure (A) 1475 P.S.I.
Initial Flow Period Minutes 45 (B) 19 P.S.I. to (C) 27 P.S.I.
Initial Closed In Period Minutes 60 (D) 590 P.S.I.
Final Flow Period Minutes 45 (E) 25 P.S.I. to (F) 36 P.S.I.
Final Closed In Period Minutes 60 (G) 584 P.S.I.
Final Hydrostatic Pressure (H) 1431 P.S.I.



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Company Mai Oil Operations, Inc. Lease & Well No. O'Leary No. 5
Elevation 1794 KB Formation Lansing/Kansas City 'H' - 'K' Effective Pay -- Ft. Ticket No. 6
Date 6-5-05 Sec. 8 Twp. 16S Range 11W County Barton State Kans.
Test Approved By Allen Bangert Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 3,081 ft. to 3,175 ft. Total Depth 3,175
Packer Depth 3,076 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,081 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,084 ft. Recorder Number 21083 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,172 ft. Recorder Number 11073 Cap. 3,900 psi
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Murfin Drilling Co., Inc. - Rig 16 Drill Collar Length -- ft. I.D. --
Mud Type Chemical Viscosity 55 Weight Pipe Length -- ft. I.D. --
Weight 9.1 Water Loss 8.4 cc. Drill Pipe Length 3,061 ft. I.D. --
Chlorides 6,000 P.P.M. Test Tool Length 20 ft. Tool Size --
Jars: Make Bowen Serial Number Not Run Anchor Length 94 ft. Size --
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size --
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 in.

Blow: 1st Open: Weak blow. Dead in 18 mins.
2nd Open: Weak surface blow. Dead in 3 mins.

Recovered 65 ft. of very slightly oil cut mud = .923000 bbls. (Grind out: 1%-oil; 99%-mud)
Recovered -- ft. of --
Recovered -- ft. of --
Recovered -- ft. of --
Recovered -- ft. of --

Remarks --

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Time Set Packer(s) 8:30 A.M. Time Started Off Bottom 11:15 A.M. Maximum Temperature --
Initial Hydrostatic Pressure -- (A) 1486 P.S.I.
Initial Flow Period -- Minutes 45 (B) 24 P.S.I. to (C) 46
Initial Closed In Period -- Minutes 60 (D) 100 P.S.I.
Final Flow Period -- Minutes 30 (E) 48 P.S.I. to (F) 55
Final Closed In Period -- Minutes 30 (G) 98 P.S.I.
Final Hydrostatic Pressure -- (H) 1473 P.S.I.



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Company Mai Oil Operations, Inc. Lease & Well No. O'Leary No. 5
Elevation 1794 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. J1675
Date 6-6-05 Sec. 8 Twp. 16S Range 11W County Barton State Kansas
Test Approved By Allen Bangert Diamond Representative John C. Riedl
Formation Test No. 4 Interval Tested from 3,207 ft. to 3,261 ft. Total Depth 3,261 ft.
Packer Depth 3,202 ft. Size 63/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,205 ft. Size 63/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.
Top Recorder Depth (Inside) 3,208 ft. Recorder Number 21083 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,258 ft. Recorder Number 11073 Cap. 3,900 psi
Flow Straddle Recorder Depth ft. Recorder Number Cap. psi
Drilling Contractor Murfin Drilling Co., Inc. - Rig 16 Drill Collar Length -- ft. I.D. -- in.
Fluid Type Chemical Viscosity 54 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.2 Water Loss 9.0 cc. Drill Pipe Length 3,187 ft. I.D. 3 1/2 in.
Chlorides 6,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.
Bars: Make Bowen Serial Number Not Run Anchor Length 54 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.
Flow: 1st Open: Strong blow. Off bottom of bucket in 30 secs. No blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket in 30 secs. No blow back during shut-in.
Recovered 1,850 ft. of clean gassy oil = 26.270000 bbls. (Grind out: 10%-gas; 90%-oil) Gravity: 39 @ 60°
Recovered 250 ft. of muddy gassy oil = 3.550000 bbls. (Grind out: 20%-gas; 25%-mud; 55%-oil)
Recovered 2,100 ft. of TOTAL FLUID = 29.820000 bbls.
Recovered ft. of
Recovered ft. of
Remarks:

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Time Set Packer(s)	<u>1:00</u>	<u>A.M.</u> <u>PM</u>	Time Started Off Bottom	<u>4:00</u>	<u>A.M.</u> <u>PM</u>	Maximum Temperature	<u>111°</u>
Initial Hydrostatic Pressure			(A)	<u>1585</u>	P.S.I.		
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>226</u>	P.S.I. to (C)	<u>550</u>	P.S.I.
Initial Closed In Period	Minutes	<u>60</u>	(D)	<u>1035</u>	P.S.I.		
Initial Flow Period	Minutes	<u>30</u>	(E)	<u>608</u>	P.S.I. to (F)	<u>784</u>	P.S.I.
Initial Closed In Period	Minutes	<u>60</u>	(G)	<u>1030</u>	P.S.I.		
Initial Hydrostatic Pressure			(H)	<u>1550</u>	P.S.I.		