



15-009-24831

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21083.D55

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Company Mai Oil Operations, Inc. Lease & Well No. Hoffman Ranches No. 1
Elevation 1870 KB Formation Lansing/Kansas City "H"-"J" Effective Pay -- Ft. Ticket No. J1645
Date 4-5-05 Sec. 9 Twp. 16S Range 11W County Barton State Kansas
Test Approved By Dave Shoemaker Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,149 ft. to 3,220 ft. Total Depth 3,220 ft.

Packer Depth 3,144 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,149 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,153 ft. Recorder Number 21083 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,217 ft. Recorder Number 11073 Cap. 4,000 psi

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

Drilling Contractor Murfin Drilling Co., Inc. - Rig 16 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 45 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.3 Water Loss 9.6 cc. Drill Pipe Length 3,009 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 71 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: Weak, 1/2 in., blow.

2nd Open: Strong blow. Building throughout to 10 ins. at end. No blow back during shut-in.

Recovered 300 ft. of gas in pipe

Recovered 70 ft. of oil & gas cut mud = .344400 bbls. (Grind out: 10%-gas; 20%-oil; 70%-mud)

Recovered 70 ft. of TOTAL FLUID = .344400 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

RECEIVED

JUN 13 2005

KCC WICHITA

Time Set Packer(s)	<u>12:15</u>	<u>A.M.</u>	Time Started Off Bottom	<u>4:00</u>	<u>A.M.</u>	Maximum Temperature	<u>105°</u>
Initial Hydrostatic Pressure			(A)	<u>1550</u>	P.S.I.		
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>23</u>	P.S.I. to (C)	<u>38</u>	P.S.I.
Initial Closed In Period	Minutes	<u>60</u>	(D)	<u>677</u>	P.S.I.		
Final Flow Period	Minutes	<u>45</u>	(E)	<u>38</u>	P.S.I. to (F)	<u>51</u>	P.S.I.
Final Closed In Period	Minutes	<u>90</u>	(G)	<u>666</u>	P.S.I.		
Final Hydrostatic Pressure			(H)	<u>1515</u>	P.S.I.		



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Company Mai Oil Operations, Inc. Lease & Well No. Hoffman Ranches No. 1

Elevation 1870 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. J1646

Date 4-5-05 Sec. 9 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 3,284 ft. to 3,345 ft. Total Depth 3,345 ft.

Packer Depth 3,279 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,284 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,287 ft. Recorder Number 21083 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,342 ft. Recorder Number 11073 Cap. 4,000 psi

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

Drilling Contractor Murfin Drilling Co., Inc. - Rig 16 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 49 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.3 Water Loss 8.4 cc. Drill Pipe Length 3,144 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 61 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 7 mins. No blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket in 11 mins. No blow back during shut-in.

Recovered 280 ft. of clean gassy oil = 3.976000 bbls. (Grind out: 10%-gas; 90%-oil) Gravity: 38 @ 60°

Recovered 250 ft. of gassy muddy oil = 1.230000 bbls. (Grind out: 15%-gas; 20%-mud; 65%-oil)

Recovered 530 ft. of TOTAL FLUID = 5.206000 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

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JUN 13 2005

KCC WICHITA

Time Set Packer(s) 10:15 XXM. P.M. Time Started Off Bottom 1:15 A.M. P.M. Maximum Temperature 110°

Initial Hydrostatic Pressure (A) 1618 P.S.I.

Initial Flow Period Minutes 30 (B) 51 P.S.I. to (C) 154 P.S.I.

Initial Closed In Period Minutes 60 (D) 933 P.S.I.

Final Flow Period Minutes 30 (E) 165 P.S.I. to (F) 218 P.S.I.

Final Closed In Period Minutes 60 (G) 945 P.S.I.

Final Hydrostatic Pressure (H) 1587 P.S.I.