



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21083.D144

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Company Hawkins Oil, LLC Lease & Well No. Habiger "C" No. 3

Elevation 1720GL Formation Arbuckle Effective Pay -- Ft. Ticket No. J1734

Date 9-10-05 Sec. 20 Twp. 19S Range 9W County Rice State Kansas

Test Approved By Paul Ramondetta Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,237 ft. to 3,251 ft. Total Depth 3,251 ft.

Packer Depth 3,232 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,237 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,240 ft. Recorder Number 21083 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,248 ft. Recorder Number 11017 Cap. 4,000 psi

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

Drilling Contractor C & G Drilling Company Drill Collar Length 185 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 44 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 9.0 cc. Drill Pipe Length 3,032 ft. I.D. 2 7/8 in.

Chlorides 11,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 14 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 2 1/2 mins. No blow back during shut-in.

Recovered 30 ft. of clean oil = .177000 bbls.

Recovered 430 ft. of slightly oil & mud cut water = 2.537000 bbls. (Grind out: 5%-oil; 10%-mud; 85%-water)

Recovered 600 ft. of very slightly oil cut water = 3.540000 bbls. (Grind out: 1%-oil; 99%-water) Chlorides: 17,000 Ppm

Recovered 1,340 ft. of water = 7.724700 bbls.

Recovered 2,400 ft. of TOTAL FLUID = 13.978700 bbls.

Remarks Tool Sample Grind Out: 100%-water

Time Set Packer(s) 8:40 ~~XXM.~~ P.M. Time Started Off Bottom 11:40 ~~XXM.~~ P.M. Maximum Temperature 113°

Initial Hydrostatic Pressure (A) 1552 P.S.I.

Initial Flow Period Minutes 30 (B) 72 P.S.I. to (C) 609 P.S.I.

Initial Closed In Period Minutes 45 (D) 1094 P.S.I.

Final Flow Period Minutes 45 (E) 622 P.S.I. to (F) 984 P.S.I.

Final Closed In Period Minutes 60 (G) 1094 P.S.I.

Final Hydrostatic Pressure (H) 1528 P.S.I.



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FLUID SAMPLE DATA

Company Hawkins Oil, LLC
Lease & Well No. Habiger "C" No. 3
Date 9-10-05 Sec. 20 Twp. 19 S Range 9 W
Formation Test No. 1 Interval Tested From 3,237 ft. to 3,251 ft. Total Depth 3,251 ft.
Formation Arbuckle

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>44</u> CP	<u>--</u> CP
Weight	<u>9.2</u>	<u>--</u>
Water Loss	<u>9.0</u> CC	<u>--</u> CC
PH Factor	<u>10.0</u>	<u>--</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>.34 @ 75 °F.</u>	<u>18,000 ppm</u>
Recovery Mud	<u>-- @ -- °F.</u>	<u>-- ppm</u>
Recovery Mud Filtrate	<u>-- @ -- °F.</u>	<u>-- ppm</u>
Mud Pit Sample	<u>-- @ -- °F.</u>	<u>-- ppm</u>
Mud Pit Sample Filtrate	<u>.50 @ 85 °F.</u>	<u>11,000 ppm</u>

Sample Taken By JOHN C. RIEDL

Witness By PAUL RAMONDETTA

Remarks Pit filtrate triton dish chlorides were 11,000 Ppm
Recovery water dish chlorides were 17,000 Ppm

GENERAL INFORMATION

Client Information:

Company: HAWKINS OIL L.L.C

Contact: PAUL RAMONDETTA

Phone: Fax: e-mail:

Site Information:

Contact: PAUL RAMONDETTA

Phone: Fax: e-mail:

Well Information:

Name: HABIGER C-3

Operator: HAWKIN OIL L.L.C

Location-Downhole: DST #1 3237-3251

Location-Surface: S20/19S/9W RICE COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: PAUL RAMONDETTA

Test Type: CONVENTIONAL

Job Number: D144

Test Unit: 2

Start Date: 2005/09/10

Start Time: 18:31:00

End Date: 2005/09/11

End Time: 03:26:00

Report Date: 2005/09/11

Prepared By: JOHN RIEDL

Remarks:

Qualified By: PAUL RAMONDETTA

RECOVERY: 30' CLEAN OIL
420' SLO+MCW
600' VSLOCW
1340' WATER (CHLORIDES 17,000Ppm)
2400' TOTAL FLUID RECOVERY

HAWKINS OIL L.L.C

DST #1 3237-3251

Start Test Date: 2005/09/10

Final Test Date: 2005/09/11

HABIGER C-3
Formation: ARBUCKLE
Job Number: D144

HABIGER C-3

