

DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30044.D185

Page 1 of 2 Pages

Company Vess Oil Corporation Lease & Well No. Mothes No. 6

Elevation 2439 KB Formation Mississippi Effective Pay -- Ft. Ticket No. M185

Date 7-22-11 Sec. 2 Twp. 22S Range 24W County Hodgeman State Kansas

Test Approved By Roger L. Martin Diamond Representative Michael Cochran

Formation Test No. 2 Interval Tested from 4,669 ft. to 4,694 ft. Total Depth 4,694 ft.

Packer Depth 4,664 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,669 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,651 ft. Recorder Number 30044 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,691 ft. Recorder Number 13386 Cap. 3,875 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 55 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 10.8 cc. Drill Pipe Length 4,637 ft. I.D. 3 1/2 in.

Chlorides 4,500 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 25 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, surface blow building to 2 ins. No blow back during shut-in.
2nd Open: Weak, surface blow building to 1 1/8 ins. No blow back during shut-in.

Recovered 35 ft. of drilling mud with some specks of oil = .359100 bbls. (Grind out: 100%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 1%-gas; 2%-oil; 97%-mud with a strong odor & spots of oil on top of tool.

Time Set Packer(s)	<u>1:45</u>	<u>A.M.</u>	Time Started Off Bottom	<u>4:45</u>	<u>P.M.</u>	Maximum Temperature	<u>126°</u>
Initial Hydrostatic Pressure			(A)	<u>2293</u>	P.S.I.		
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>6</u>	P.S.I. to (C)	<u>13</u>	P.S.I.
Initial Closed In Period	Minutes	<u>45</u>	(D)	<u>751</u>	P.S.I.		
Final Flow Period	Minutes	<u>45</u>	(E)	<u>13</u>	P.S.I. to (F)	<u>22</u>	P.S.I.
Final Closed In Period	Minutes	<u>60</u>	(G)	<u>711</u>	P.S.I.		
Final Hydrostatic Pressure			(H)	<u>2239</u>	P.S.I.		

DIAMOND TESTING

General Information

Company Name	VESS OIL CORP	Job Number	M185
Well Name	MOTHES #6	Representative	MIKE COCHRAN
Unique Well ID	DST#2 4669-4694 MISS.	Well Operator	VESS OIL CORP
Surface Location	SEC.2-22S-24W HODGEMAN CO.KS.	Report Date	2011/07/23
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	ROGER MARTIN
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 4669-4694 MISS.		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/07/22	Start Test Time	23:45:00
Final Test Date	2011/07/23	Final Test Time	07:00:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
35' DM 100% MUD W/ SOMESPECKS OF OIL
35' TOTAL FLUID

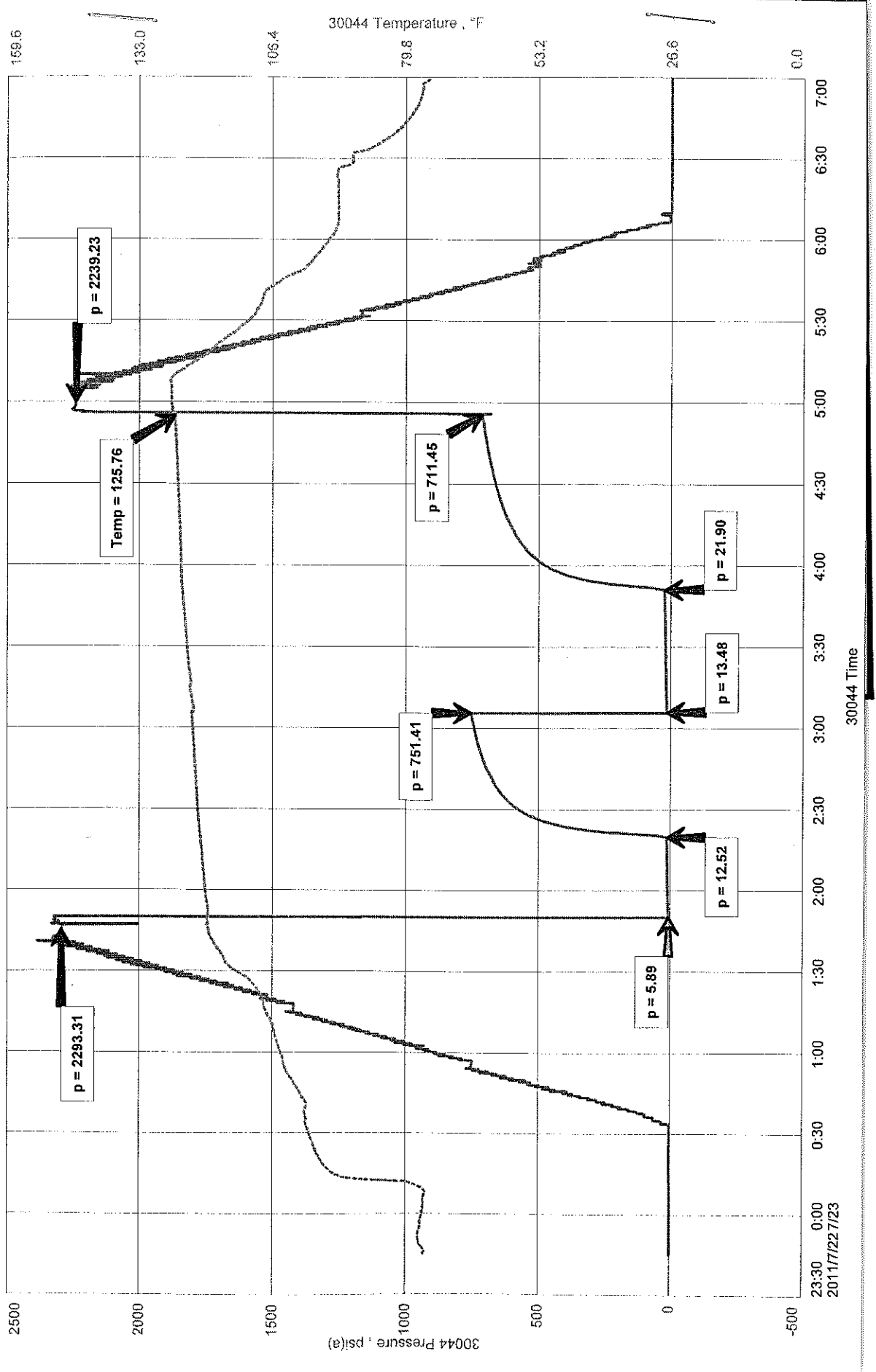
SPOTS OF OIL ON TOP OF TOOL

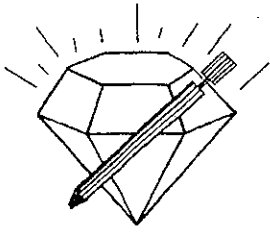
TOOL SAMPLE: 1% GAS, 2% OIL, 97% MUD, STRONG ODOR

VESS OIL CORP
 DST#2 4669-4694 MISS.
 Start Test Date: 2011/07/22
 Final Test Date: 2011/07/23

MOTHEs #6
 Formation: DST#2 4669-4694 MISS.
 Pool: WILDCAT
 Job Number: M185

MOTHEs #6





DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313
STC 30044.D184

Company Vess Oil Corporation Lease & Well No. Mothes No. 6

Elevation 2439 KB Formation Mississippi Effective Pay Ft. Ticket No. M184

Date 7-22-11 Sec. 2 Twp. 22S Range 24W County Hodgeman State Kansas

Test Approved By Roger L. Martin Diamond Representative Michael Cochran

Formation Test No. 1 Interval Tested from 4,659 ft. to 4,684 ft. Total Depth 4,684 ft.

Packer Depth 4,654 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 4,659 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,641 ft. Recorder Number 30044 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,681 ft. Recorder Number 13386 Cap. 3,875 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length ft. I.D. in.

Mud Type Chemical Viscosity 50 Weight Pipe Length ft. I.D. in.

Weight 9.3 Water Loss 10.4 cc. Drill Pipe Length 4,627 ft. I.D. 3 1/2 in.

Chlorides 5,200 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 25 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, surface blow building to 1 1/2 ins. No blow back during shut-in.

2nd Open: Very weak, surface blow after 33 mins. No blow back during shut-in.

Recovered 25 ft. of drilling mud = .256500 bbls. (Grind out: 100%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 1%-oil; 99%-mud

Time Set Packer(s) 7:45 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 10:45 ~~P.M.~~ ^{A.M.} Maximum Temperature 130°

Initial Hydrostatic Pressure (A) 2297 P.S.I.

Initial Flow Period Minutes 30 (B) 9 P.S.I. to (C) 12 P.S.I.

Initial Closed In Period Minutes 45 (D) 729 P.S.I.

Final Flow Period Minutes 45 (E) 12 P.S.I. to (F) 15 P.S.I.

Final Closed In Period Minutes 60 (G) 697 P.S.I.

Final Hydrostatic Pressure (H) 2242 P.S.I.

DIAMOND TESTING

General Information

Company Name	VESS OIL CORP	Job Number	M184
Well Name	MOTHES #6	Representative	MIKE COCHRAN
Unique Well ID	DST#1 4659-4684 MISS.	Well Operator	VESS OIL CORP
Surface Location	SEC.2-22S-24W HODGEMAN CO.KS.	Report Date	2011/07/22
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	ROGER MARTIN
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 4659-4684 MISS.		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/07/22	Start Test Time	07:45:00
Final Test Date	2011/07/22	Final Test Time	13:05:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
25' DRLG MUD 100% MUD
25' TOTAL FLUID

TOOL SAMPLE: 1% OIL, 99% MUD

VESS OIL CORP
DST#1 4659-4684 MISS.
Start Test Date: 2011/07/22
Final Test Date: 2011/07/22

MOTHES #6
Formation: DST#1 4659-4684 MISS.
Pool: WILDCAT
Job Number: M184

MOTHES #6

