

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

Company E & V Oil Company, Inc. Lease & Well No. Hoffman No. 1

Elevation 1894KB Formation Lansing "A-F" Effective Pay -- Ft. Ticket No. J1539

Date 8-25-04 Sec. 19 Twp. 17S Range 12W County Barton State Kansas

Test Approved By Jim Musgrove Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,170 ft. to 3,244 ft. Total Depth 3,244 ft.

Packer Depth 3,165 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,170 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,160 ft. Recorder Number 11073 Cap. 3,875 psi

Bottom Recorder Depth (Outside) 3,241 ft. Recorder Number 13498 Cap. 3,925 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Discovery Drilling - Rig 2 Drill Collar Length -- ft. I.D. -- in.

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

Weight 8.9 Water Loss 9.0 cc. Drill Pipe Length 3,146 ft. I.D. 3 1/2 in.

Chlorides 6,000 P.P.M. Test Tool Length 24 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 74 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: Good blow. Slowly building to 7 ins. No blow back during shut-in.

2nd Open: Strong blow. Built to 10 ins. in 30 mins. & remained there. No blow back during shut-in.

Recovered 160 ft. of drilling mud = 2.272000 bbls.

Recovered 190 ft. of slightly mud cut water = 2.698000 bbls. (Grind out: 20%-mud; 80%-water) Chlorides: 65,000 Ppm

Recovered 350 ft. of TOTAL FLUID = 4.970000 bbls.

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 3:00 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 5:45 ~~P.M.~~ ^{A.M.} Maximum Temperature 103°

Initial Hydrostatic Pressure (A) 1475 P.S.I.

Initial Flow Period Minutes 30 (B) 14 P.S.I. to (C) 42 P.S.I.

Initial Closed In Period Minutes 30 (D) 830 P.S.I.

Final Flow Period Minutes 45 (E) 110 P.S.I. to (F) 134 P.S.I.

Final Closed In Period Minutes 60 (G) 819 P.S.I.

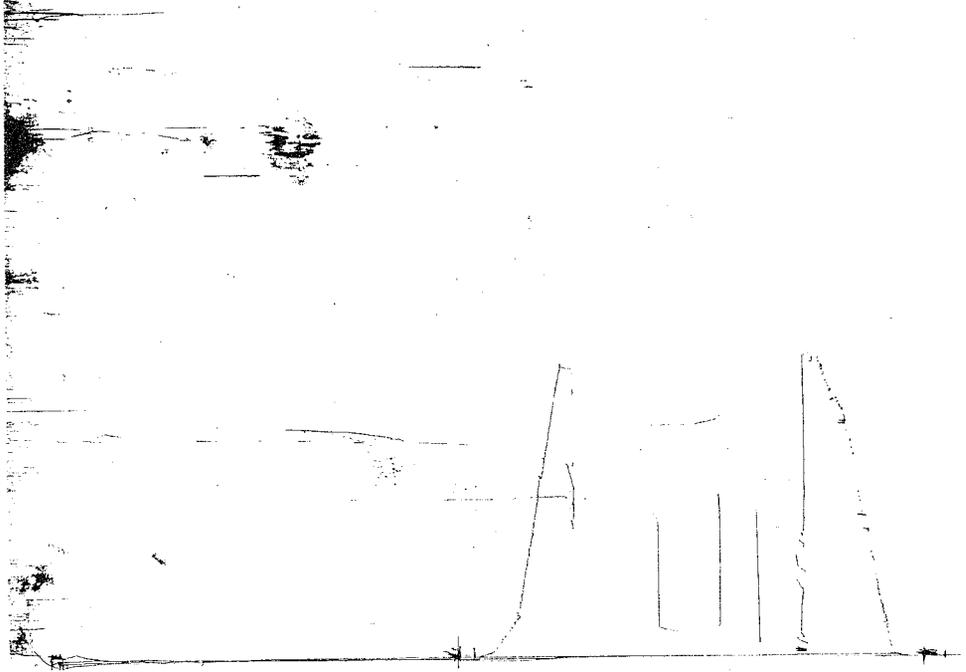
Final Hydrostatic Pressure (H) 1460 P.S.I.

LOC 3241

ROC# 13498

OUTSIDE

HOFFMAN #1



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1475	1475	PSI
(B) First Initial Flow Pressure	14	14	PSI
(C) First Final Flow Pressure	42	42	PSI
(D) Initial Closed-in Pressure	830	830	PSI
(E) Second Initial Flow Pressure	110	110	PSI
(F) Second Final Flow Pressure	134	134	PSI
(G) Final Closed-in Pressure	819	819	PSI
(H) Final Hydrostatic Mud	1460	1460	PSI

