



15-053-2116-0000

RECEIVED 28-17-10W

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

NOV 17 2003
KCC WICHITA

Company John Roy Evans Lease & Well No. Peterman No. 3
Elevation 1803 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. J1415
Date 10-8-03 Sec. 28 Twp. 17S Range 10W County Ellsworth State Kansas
Test Approved By Jim Musgrove Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,223 ft. to 3,275 ft. Total Depth 3,275 ft.

Packer Depth 3,218 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,223 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,250 ft. Recorder Number 11073 Cap. 4,000 psi

Bottom Recorder Depth (Outside) 3,272 ft. Recorder Number 13556 Cap. 5,475 psi

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

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

Mud Type Chemical Viscosity 48 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 8.8 cc. Drill Pipe Length 3,203 ft. I.D. 3 1/2 in.

Chlorides 4,600 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 52 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: Fair, 3 in., blow.

2nd Open: Weak, 2 in., blow.

Recovered 5 ft. of free oil = .071000 bbls.

Recovered 60 ft. of oil & gas cut mud = .852000 bbls.

Recovered 65 ft. of TOTAL FLUID = .923000 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 1:30 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 4:00 ~~P.M.~~ ^{A.M.} Maximum Temperature 104°

Initial Hydrostatic Pressure (A) 1586 P.S.I.

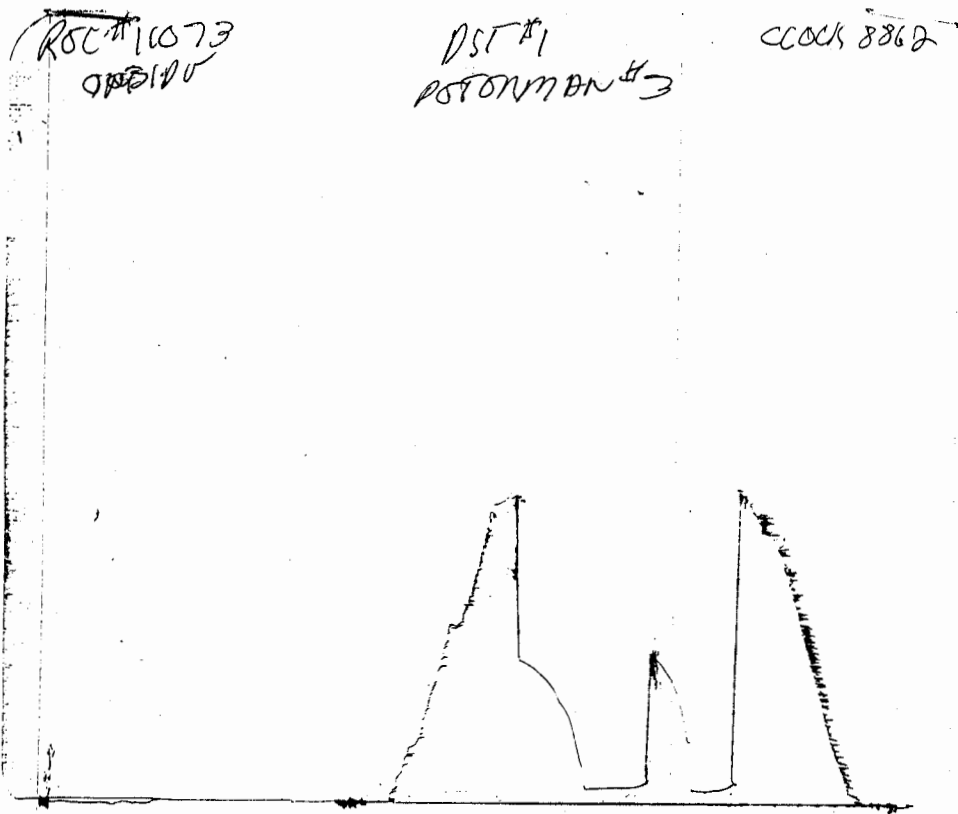
Initial Flow Period Minutes 30 (B) 41 P.S.I. to (C) 52 P.S.I.

Initial Closed In Period Minutes 30 (D) 767 P.S.I.

Final Flow Period Minutes 45 (E) 70 P.S.I. to (F) 72 P.S.I.

Final Closed In Period Minutes 45 (G) 738 P.S.I.

Final Hydrostatic Pressure (H) 1560 P.S.I.



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1586	1590
(B) First Initial Flow Pressure.....	41	43
(C) First Final Flow Pressure	52	54
(D) Initial Closed-in Pressure	767	766
(E) Second Initial Flow Pressure	70	70
(F) Second Final Flow Pressure.....	72	72
(G) Final Closed-in Pressure.....	738	735
(H) Final Hydrostatic Mud	1560	1563

PSI
PSI
PSI
PSI
PSI
PSI
PSI
PSI



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

Company John Roy Evans Lease & Well No. Peterman No. 3
Elevation 1803 KB Formation Arbuckle Effective Pay Ft. Ticket No. J1416
Date 10-8-03 Sec. 28 Twp. 17S Range 10W County Ellsworth State Kansas
Test Approved By Jim Musgrove Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,275 ft. to 3,287 ft. Total Depth 3,287 ft.

Packer Depth 3,270 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 3,275 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,279 ft. Recorder Number 11073 Cap. 4,000 psi

Bottom Recorder Depth (Outside) 3,284 ft. Recorder Number 13556 Cap. 5,475 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

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

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

Weight 9.1 Water Loss 12.0 cc. Drill Pipe Length 3,255 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 12 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 28 mins. No blow back during shut-in.

2nd Open: Strong, 7 in., blow.

Recovered 60 ft. of gas in pipe

Recovered 160 ft. of clean gassy oil = 2.272000 bbls. (Gravity: 36 @ 60°)

Recovered 60 ft. of slightly water cut gassy muddy oil = .852000 bbls. (Grind out: 10%-water; 15%-gas; 55%-mud; 20%-oi

Recovered 30 ft. of slightly oil & gas cut muddy water = .426000 bbls. (Grind out: 5%-oil; 10%-gas; 40%-mud; 45%-water

Recovered 250 ft. of TOTAL FLUID = 3.550000 bbls. Chlorides: 8,000 Ppm

Remarks

Time Set Packer(s) 2:35 ~~XXM.~~ P.M. Time Started Off Bottom 5:50 ~~XXM.~~ P.M. Maximum Temperature 107°

Initial Hydrostatic Pressure (A) 1571 P.S.I.

Initial Flow Period Minutes 45 (B) 14 P.S.I. to (C) 24 P.S.I.

Initial Closed In Period Minutes 45 (D) 1038 P.S.I.

Final Flow Period Minutes 45 (E) 49 P.S.I. to (F) 79 P.S.I.

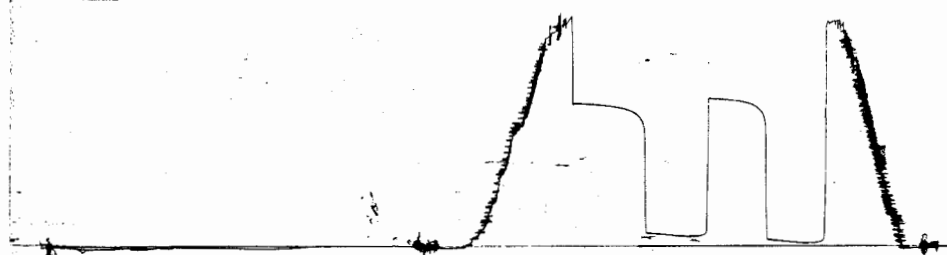
Final Closed In Period Minutes 60 (G) 1006 P.S.I.

Final Hydrostatic Pressure (H) 1557 P.S.I.

REEL 13556 OUTSIDE
 LOC 3284'

DST #2
 ROTOR MAN #3

CLOCK # 3155



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1571	1600
(B) First Initial Flow Pressure	14	16
(C) First Final Flow Pressure	24	28
(D) Initial Closed-in Pressure	1038	1036
(E) Second Initial Flow Pressure	49	50
(F) Second Final Flow Pressure	79	82
(G) Final Closed-in Pressure	1006	1007
(H) Final Hydrostatic Mud	1557	1570