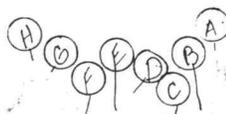


TK# 3279
I

1564



Company Range Oil Company, Inc. Lease & Well No. Grose #3
 Elevation 1207 Kelly Bushing Formation Admire Effective Pay --- Ft. Ticket No. 3279
 Date 8/27/79 Sec. 14 Twp. 33S Range 5E County Cowley State Kansas
 Test Approved by Stephen M. Kreidler Western Representative Ron Emmons-N, Allen

Formation Test No. 1 Interval Tested from 545 ft. to 575 ft. Total Depth 575 ft.
 Packer Depth 540 ft. Size 6 3/4 in. Packer Depth --- ft. Size --- in.
 Packer Depth 545 ft. Size 6 3/4 in. Packer Depth --- ft. Size --- in.

Depth of Selective Zone Set ---
 Top Recorder Depth (Inside) 568 ft. Recorder Number 1564 Cap. 3150
 Bottom Recorder Depth (Outside) 571 ft. Recorder Number 10980 Cap. 4200
 Below Straddle Recorder Depth --- ft. Recorder Number --- Cap. ---

Drilling Contractor Range Drilling Rig #1 Drill Collar Length 252 I. D. 2 1/4 in.
 Mud Type water Viscosity NC Weight Pipe Length --- I. D. --- in.
 Weight --- Water Loss --- cc. Drill Pipe Length 272 I. D. 3.8 in.
 Chlorides --- P.P.M. Test Tool Length 51 ft. Tool Size 4 1/2 OD in.
 Jars: Make --- Serial Number --- Anchor Length 30 ft. Size 4 1/2 OD in.
 Did Well Flow? Gas Reversed Out --- Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Strong throughout test, (Gas to surface 25 minutes, See REMARKS below.

Recovered 30 ft. of drilling mud
 Recovered --- ft. of ---
 Recovered --- ft. of ---
 Recovered --- ft. of ---
 Recovered --- ft. of ---

Remarks: Due to extreme low volume of gas the only measure possible was 1680 CFPD.
This measure was not stabilized throughout test.

Time Set Packer(s) 6:45 ^{A.M.}/_{P.M.} Time Started Off Bottom 8:45 ^{A.M.}/_{P.M.} Maximum Temperature 84
 Initial Hydrostatic Pressure (A) 252 P.S.I.
 Initial Flow Period Minutes 30 (B) 34 P.S.I. to (C) 29 P.S.I.
 Initial Closed In Period Minutes 30 (D) 116 P.S.I.
 Final Flow Period Minutes 30 (E) 35 P.S.I. to (F) 28 P.S.I.
 Final Closed In Period Minutes 30 (G) 221 P.S.I.
 Final Hydrostatic Pressure (H) 244 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 8/27/79 Test Ticket No. 3279
 Recorder No. 1564 Capacity 3150 Location 568 Ft.
 Clock No. -- Elevation 1207 Kelly Bushing Well Temperature 84 °F

Point	Pressure			Time Given		Time Computed	
		P.S.I.			Mins.	Mins.	Mins.
A	Initial Hydrostatic Mud	252	P.S.I.	Open Tool	6:45A	M	
B	First Initial Flow Pressure	34	P.S.I.	First Flow Pressure	30	Mins.	30 Mins.
C	First Final Flow Pressure	29	P.S.I.	Initial Closed-in Pressure	30	Mins.	30 Mins.
D	Initial Closed-in Pressure	116	P.S.I.	Second Flow Pressure	30	Mins.	30 Mins.
E	Second Initial Flow Pressure	35	P.S.I.	Final Closed-in Pressure	30	Mins.	30 Mins.
F	Second Final Flow Pressure	28	P.S.I.				
G	Final Closed-in Pressure	221	P.S.I.				
H	Final Hydrostatic Mud	244	P.S.I.				

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes
P 1	34	0	29	0	35	0	28	0
P 2	34	3	50	3	34	3	46	3
P 3	29	6	73	6	33	6	96	6
P 4	29	9	87	9	32	9	127	9
P 5	29	12	99	12	30	12	157	12
P 6	29	15	102	15	29	15	174	15
P 7	29	18	109	18	28	18	190	18
P 8		21	112	21		21	199	21
P 9		24	114	24		24	205	24
P10		27	115	27		27	211	27
P11		30	116	30		30	221	30
P12								
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								