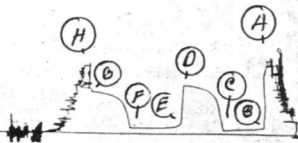


TKT # 2580
I



Company Range Oil Company, Inc. Lease & Well No. McConaghy #4
 Elevation 1284 Kelly Bushing Formation Admire Sand Effective Pay -- Ft. Ticket No. 2580
 Date 4/14/79 Sec. 10 Twp. 33S Range 5E County Cowley State Kansas
 Test Approved by Robert Olsen Western Representative James Rogers

Formation Test No. 1 Interval Tested from 605 ft. to 642 ft. Total Depth 642 ft.
 Packer Depth 600 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 605 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set --

Top Recorder Depth (Inside) 625 ft. Recorder Number 1562 Cap. 3150
 Bottom Recorder Depth (Outside) 628 ft. Recorder Number 1564 Cap. 3150
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Range Drilling Company Drill Collar Length 221 I. D. 2 1/2 in.
 Mud Type chemical Viscosity 38 Weight Pipe Length - I. D. - in.
 Weight 9.1 Water Loss 11.1 cc. Drill Pipe Length 364 I. D. 3.8 in.
 Chlorides N.A. P.P.M. Test Tool Length 57' =in= Tool Size 5 1/2 OD in.
 Jars: Make -- Serial Number -- Anchor Length 37 ft. Size 5 1/2 OD in.
 Did Well Flow? NO 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: Fair increasing to good. Gas to surface 30 minutes. Good blow second opening. Gas stable at 5,600CFPD See attached sheet for gas measurements.

Recovered 30 ft. of gas cut mud
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -

Remarks: -

Time Set Packer(s) 7:15 A.M. =P.M.= Time Started Off Bottom 9:25 A.M. P.M. Maximum Temperature 87
 Initial Hydrostatic Pressure (A) 284 P.S.I.
 Initial Flow Period Minutes 30 (B) 24 P.S.I. to (C) 14 P.S.I.
 Initial Closed In Period Minutes 30 (D) 200 P.S.I.
 Final Flow Period Minutes 40 (E) 38 P.S.I. to (F) 22 P.S.I.
 Final Closed In Period Minutes 30 (G) 171 P.S.I.
 Final Hydrostatic Pressure (H) 274 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 4/14/79 Test Ticket No. 2580
 Recorder No. 1562 Capacity 3150 Location 625 Ft.
 Clock No. -- Elevation 1284 Kelly Bushing 87 Well Temperature °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	284	P.S.I.	7:15A	M
B First Initial Flow Pressure	24	P.S.I.	30	Mins. 30 Mins.
C First Final Flow Pressure	14	P.S.I.	30	Mins. 30 Mins.
D Initial Closed-in Pressure	200	P.S.I.	40	Mins. 40 Mins.
E Second Initial Flow Pressure	38	P.S.I.	30	Mins. 30 Mins.
F Second Final Flow Pressure	22	P.S.I.		
G Final Closed-in Pressure	171	P.S.I.		
H Final Hydrostatic Mud	274	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In		
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>8</u> Inc.		Breakdown: <u>10</u> Inc.		
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a		
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1	0	24	0	14	0	38	0	22
P 2	5	20	3	79	5	27	3	83
P 3	10	19	6	140	10	24	6	119
P 4	15	18	9	165	15	22	9	140
P 5	20	17	12	181	20	22	12	152
P 6	25	16	15	189	25	22	15	159
P 7	30	14	18	192	30	22	18	163
P 8			21	195	35	22	21	167
P 9			24	198	40	22	24	170
P10			27	199			27	170
P11			30	200			30	171
P12								
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								