

Company Commonwealth Petroleum, Inc. Lease & Well No. #1"A", North Commonwealth-John Farber
 Elevation 1291 Kelly Bushing Formation Kansas City Effective Pay - Ft. Ticket No. 12778
 Date 11/20/81 Sec. 29 Twp. 29S Range 2E County Sedgwick State Kansas
 Test Approved by L. Calvin Jones Western Representative Kenny Kirkendall

Formation Test No. 1 Interval Tested from 2715 ft. to 2735 ft. Total Depth 2735 ft.
 Packer Depth 2715 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2720 ft. Recorder Number 2605 Cap. 4150
 Bottom Recorder Depth (Outside) 2724 ft. Recorder Number 10979 Cap. 4100
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Reynolds Drlg. Rig #1 Drill Collar Length 180 I. D. - in.
 Mud Type chemical Viscosity 42 Weight Pipe Length - I. D. - in.
 Weight 9.2 Water Loss 12.0 cc. Drill Pipe Length 2520 I. D. - in.
 Chlorides 9,000 P.P.M. Test Tool Length 15 ft. Tool Size 5 1/2 in.
 Jars: Make No Serial Number - Anchor Length 20 ft. Size 5 1/2 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 blow throughout test.

Recovered 360 ft. of salt water Chlorides 73,000 ppm

Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 6:55 A.M. P.M. Time Started Off Bottom - A.M. P.M. Maximum Temperature 103°
 Initial Hydrostatic Pressure 1318 P.S.I. (A)
 Initial Flow Period 30 Minutes (B) 39 P.S.I. to (C) 97 P.S.I.
 Initial Closed In Period 33 Minutes (D) 1038 P.S.I.
 Final Flow Period 45 Minutes (E) 140 P.S.I. to (F) 174 P.S.I.
 Final Closed In Period 63 Minutes (G) 1044 P.S.I.
 Final Hydrostatic Pressure 1266 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 11/20/81 Test Ticket No. 12778
 Recorder No. 10979 Capacity 4100 Location 2724 Ft.
 Clock No. - Elevation 1291 Kelly Bushing Well Temperature 103 °F

Point	Pressure			Time Given	Time Computed
A Initial Hydrostatic Mud	1318	P.S.I.	Open Tool	6:55	M
B First Initial Flow Pressure	39	P.S.I.	First Flow Pressure	30	Mins. 30 Mins.
C First Final Flow Pressure	97	P.S.I.	Initial Closed-in Pressure	30	Mins. 33 Mins.
D Initial Closed-in Pressure	1038	P.S.I.	Second Flow Pressure	45	Mins. 45 Mins.
E Second Initial Flow Pressure	140	P.S.I.	Final Closed-in Pressure	60	Mins. 63 Mins.
F Second Final Flow Pressure	174	P.S.I.			
G Final Closed-in Pressure	1044	P.S.I.			
H Final Hydrostatic Mud	1266	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 11 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 9 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 21 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1	0	39	0	97	0	140	0	174
P 2	5	39	3	867	5	140	3	892
P 3	10	42	6	950	10	140	6	942
P 4	15	56	9	981	15	140	9	975
P 5	20	75	12	1000	20	146	12	994
P 6	25	88	15	1012	25	153	15	1004
P 7	30	97	18	1020	30	157	18	1011
P 8			21	1027	35	161	21	1018
P 9			24	1031	40	169	24	1023
P10			27	1033	45	174	27	1027
P11			30	1036			30	1029
P12			33	1038			33	1031
P13							36	1033
P14							39	1035
P15							42	1037
P16							45	1039
P17							48	1040
P18							51	1041
P19							54	1042
P20							57	1043
							60	1044
							63	1044

TK# 12778

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