

PENNZOIL COMPANY
Penn Federal No. 1
Pressure Build-up Test
Tabulation of Pressure and Time

Test conducted by:
John West Engineering Company

Test Date: June 2 to 6, 1976
Test Depth: 11,760 feet
Element No.: 7542-N (0-6950 psi)
Clock No.: 7652 (0-120 Hour)
Oper.: J.W.W. & D.A.T.

DATE	TIME	CUM. HRS./MIN.		PSIG @ 11,760 FEET
6-2-76	9:45 pm			Shut-in to run gage to bottom
6-2-76	10:30 pm			2377 Gauge reached 11,760', open choke
6-3-76	12:00 mn	00 Hrs.	00 Min.	568 Shut-in, begin build-up
	12:06 am	00	06	786
		00	15	996
		00	30	1368
		00	45	1758
		01	00	2113
		01	15	2479
		01	30	2845
		01	45	2479
		02	00	3430
		02	30	3813
		03	00	4237
		03	30	4816
		04	00	5528
		05	00	5606
		06	00	5617
		07	00	5624
		08	00	5631
	10:00 am	10	00	5635
	3:00 pm	15	00	5624
6-3-76	8:00 pm	20	00	5635
6-4-76	1:00 am	25	00	5642
	6:00 am	30	00	5624
6-4-76	4:00 pm	40	00	5617
6-5-76	2:00 am	50	00	5624
	12:00 noon	60	00	5624
6-5-76	10:00 pm	70	00	5610
6-6-76	9:00 am	81 Hrs.	00 Min.	5610 Gauge out, end test

Note: Dead weight psig 4357#