

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy	947	T. Canyon	
T. Salt	1085	T. Strawn	
B. Salt	2300	T. Atoka	
T. Yates	2500	T. Miss	
T. 7 Rivers	2708	T. Devonian	
T. Queen		T. Silurian	
T. Grayburg	3481	T. Montoya	
T. San Andres	3713	T. Simpson	
T. Glorieta		T. McKee	
T. Paddock	4839	T. Ellenburger	
T. Blinney	5122	T. Gr. Wash	
T. Tubb	5754	T. Delaware Sand	
T. Drinkard	5934	T. Bone Springs	
T. Abo	6273	T.	
T. Wolfcamp		T.	
T. Penn		T.	
T. Cisco (Bough C)		T.	

Northwestern New Mexico

T. Ojo Alamo	T. Penn. "B"
T. Kirtland-Fruitland	T. Penn. "C"
T. Pictured Cliffs	T. Penn. "D"
T. Cliff House	T. Leadville
T. Menefee	T. Madison
T. Point Lookout	T. Elbert
T. Mancos	T. McCracken
T. Gallup	T. Ignacio Otzte
Base Greenhorn	T. Granite
T. Dakota	T.
T. Morrison	T.
T. Todilto	T.
T. Entrada	T.
T. Wingate	T.
T. Chinle	T.
T. Permian	T.
T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....
 No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	13	13	Distance F/KB to ground				
	947	934	Redbed & Anhydrite				
	2300	1353	Salt & Anhydrite				
	3437	1137	Anhydrite, Sand, Shale				
	6500	3063	Dolomite, Sand, Shale				

Arch Petroleum
Plains Knight #4
Lea County, NM

STATE OF NEW MEXICO
DEVIATION REPORT

30-025-33038

478	1/4
927	3/4
1,027	1/4
1,506	1
1,981	2-3/4
2,074	2-3/4
2,197	3
2,267	3
2,330	2-3/4
2,360	2-3/4
2,392	2-3/4
2,425	2-1/2
2,487	2-1/2
2,611	2-1/2
2,674	2
2,766	1-3/4
3,551	1-1/4
4,022	3/4
4,520	1
4,794	3/4
5,274	1/4
5,713	3/4
6,212	1-1/4
6,500	1-1/2

Ray Peterson

By: Ray Peterson

STATE OF TEXAS

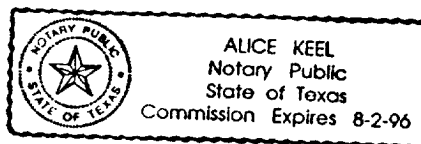
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me
this 24th day of November, 1995, by RAY PETERSON
on behalf of PETERSON DRILLING COMPANY.

Alice Keel

Notary Public for Midland
County, Texas

My Commission Expires: 8/2/96



10/10/10 10:10:10

