

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 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate 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

Northwestern New Mexico

T. Anhy <u>2203</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>2280</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
D. Salt <u>2970</u>	T. Atoka <u>11,127</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3050</u>	T. Miss <u>11,506'</u>	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>3203</u>	T. Devonian <u>12,770'</u>	T. Menefee _____	T. Madison _____
T. Queen <u>3835</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>4202</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4454</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
T. Glorieta <u>5920</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>7200</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>7905</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>9200</u>	T. <u>WOODFORD</u> <u>12,150</u>	T. Chinle _____	T. _____
T. Penn. <u>9580</u>	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, 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	_____ feet
No. 2, from _____ to _____ feet	_____ feet
No. 3, from _____ to _____ feet	_____ feet
No. 4, from _____ to _____ feet	_____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2200	2200	Full, SAND, SHALE, LIME STRINGERS	11,142	11506	364	SHALE, SAND
2200	3050	850	ANHYDRITE, SALT, DOLO STRINGERS	11,506	12150	644	LIME, CHERT, SHALE
3050	3203	153	SAND, SHALE	12,150	12,220	70	SHALE
3203	4454	1251	SAND, SHALE, DOLOMITE, ANHYDRITE	12,220	12,231	11	DOLOMITE
4454	5920	1466	DOLOMITE, SHALE, ANHYDRITE				
5920	6300	380	DOLOMITE, SAND, SHALE				
6300	6585	285	SAND, SHALE, DOLOMITE				
6585	7200	615	DOLOMITE, SHALE, SAND				
7200	7400	200	SAND, SHALE				
7400	9200	1800	DOLOMITE, SHALE				
9200	11,142	1942	LIME, SHALE				

RECEIVED

APR 12 1952

O.C.D.
HOBBS OFFICE

LANDIS DRILLING COMPANY
P. O. BOX 3579
MIDLAND, TEXAS 79702

OPERATOR Challenger Minerals, Inc. ADDRESS 701 Petroleum Bldg. Midland, TX
LEASE NAME Harben-Davis #1 WELL NO. #1 FIELD _____
LOCATION 660' FSL & 1980' FEL, Sec. 26, T13S, R37E, Lea County, New Mexico

DEPTH	ANGLE		DISPLACEMENT	DISPLACEMENT ACCUMULATED
	INCLINATION DEGREES			
458		1/2	4.00	4.00
944		1-1/2	12.72	16.72
1,464		3/4	6.81	23.53
1,964		1/2	4.37	27.90
2,155		3/4	2.50	30.40
2,651		1	8.66	39.06
3,078		1/2	3.73	42.79
3,576		3/4	6.52	49.31
4,069		1	8.60	57.91
4,405		1	5.86	63.77
4,910		1	8.81	72.58
5,314		1	7.05	79.63
6,024		1	12.39	92.02
6,516		1	8.59	100.61
7,014		1-1/4	10.87	111.48
7,728		1	12.46	123.94
8,248		1	9.07	133.01
8,816		1-1/4	12.39	145.40
9,249		3/4	5.67	151.07
9,597		1	6.07	157.14
10,303		1-1/4	15.40	172.74
10,760		1/2	3.99	176.53
11,322		3/4	7.36	183.89
11,442		1-1/4	2.62	186.51
11,944		2-3/4	24.09	210.60
12,230		1-3/4	8.73	219.33

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

LANDIS DRILLING COMPANY

Gary W. Chappell
TITLE Contracts Manager

AFFIDAVIT:

Before me, the undersigned authority, appeared Gary W. Chappell known to me to be the person whose name is subscribed herebelow, who on making deposition, under oath states that he is acting for and in behalf of the Operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Gandy Smith
AFFIDANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 24th day of November, 1981.

Gandy Smith
Notary Public in and for the

RECEIVED

APR 12 1982

MOBILE OFFICE