

STATE OF NEW MEXICO,                    )  
  ) ss  
County of Eddy                    )

On this 14th day of March, 19 63, before me  
personally appeared T. H. Donnelly  
to me known to be the person        described in and who executed the foregoing.  
instrument and acknowledged that        executed the same as        free act  
and deed.

Witness my hand and seal the day and year last above written.

My commission expires 2-19-64

Erma S. Williams  
Notary Public


# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Donnelly Drilling Company, Inc.

(Company or Operator)

Shell State

(Lease)

Well No. 1, in NE  $\frac{1}{4}$  of NE  $\frac{1}{4}$ , of Sec 8, T 16S, R 34E, NMPM.

Undesignated

Pool, Lea

County.

Well is 660 feet from north line and 660 feet from east line

of Section 8. If State Land the Oil and Gas Lease No. is E. 8265

Drilling Commenced November 8, 19 62. Drilling was Completed November 18, 19 62

Name of Drilling Contractor Donnelly Drilling Company, Inc.

Address P. O. Box 433, Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 4125. The information given is to be kept confidential until 19.

### OIL SANDS OR ZONES

No. 1, from 3940 to 3960 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 100 to 125 feet.

No. 2, from            to            feet.

No. 3, from            to            feet.

No. 4, from            to            feet.

### CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8	24#	Used	311'	T.P.			
4 1/2	9.5	New	3978'	Floats			

### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11'	8 5/8	311'	100	Denton		
7 7/8	4 1/2	3980	250	Denton		

### RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Casing perforated 3940-3960

2 shots per foot, treated with 28,000 gallons frac oil, 40000# Sand

Plug back from 3960-3947', treated with 24 gallons lease oil, 30,000# Sand.

Result of Production Stimulation Recovered 196 bbls. of frac oil, well producing 3 1/2 bbl. water per day and no oil.

Depth Cleaned Out 3946

CORD OF DRILL-STEM AND SPECIAL T

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 3980 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 7, 1963

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was  
was oil; % was emulsion; 100 % water; and % was sediment. A.P.I.  
Gravity.

GAS WELL: The production during the first 24 hours was 3 1/2 Bbl. Water C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure 0 lbs.  
Length of Time Shut in 72 hours

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.	1585'		T. Devonian		T. Ojo Alamo
T. Salt	1720'		T. Silurian		T. Kirtland-Fruitland
B. Salt	2650'		T. Montoya		T. Farmington
T. Yates	2650'		T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen	3655'		T. Ellenburger		T. Point Lookout
T. Grayburg	Penrose 3940'		T. Gr. Wash		T. Mancos
T. San Andres			T. Granite		T. Dakota
T. Glorieta			T.		T. Morrison
T. Drinkard			T.		T. Penn
T. Tubbs			T.		T.
T. Abo			T.		T.
T. Penn			T.		T.
T. Miss			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1585	1585	Red Rock				
1585	1720	135	Anhydrite				
1720	2650	930	Salt and anhydrite				
2650	2824	174	Sandy Shale				
2824	3630	806	Anhydrite				
3630	3655	25	Sand				
3655	3940	285	Anhydrite and Dolomite				
3940	3960	20	Penrose Sand				
3960	3980	20	Lime				