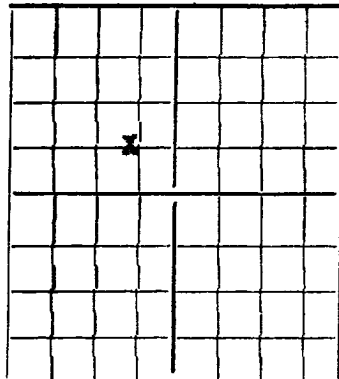


N.

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

NEVILLE G. PENROSE, INC. Fair Building, Fort Worth, Texas  
Company or Operator Address  
PHILIPPS 12A Well No. 51 in 3/4 of Sec. 31, T. 17 S  
Lease  
R. 34 E, N. M. P. M., Vacuum Field, Lea County.  
Well is 1980 feet south of the North line and 3140 feet west of the East line of Section 31  
If State land the oil and gas lease is No. B-4118 Assignment No.  
If patented land the owner is, Address  
If Government land the permittee is, Address  
The Lessee is Phillips Petroleum Company, Address Bartlesville, Oklahoma  
Drilling commenced March 14, 1949 19 Drilling was completed May 20 1949  
Name of drilling contractor Makin Drilling Company, Address Hobbs, New Mexico  
Elevation above sea level at top of casing 4097 feet.  
The information given is to be kept confidential until 19.

## OIL SANDS OR ZONES

No. 1, from 4600 to 4710 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.  
No. 2, from to feet.  
No. 3, from to feet.  
No. 4, from to feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
13 3/8	50#	8 Rd	SP	196'				
8 5/8	32#	8 Rd	SS	1524'				
5 1/2	15.5#	8 Rd	"	4600'				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2	13 3/8	196'	175			
12	8 5/8	1524'	100			
8 3/4	5 1/2	4600'	100			

## PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set  
Adapters—Material Size

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Acid	2000		4708-65	
		Acid	4000		4590-08	
		Acid	1000		4600-08	

Results of shooting or chemical treatment

## RECORD OF DRILL-STEM AND SPECIAL TESTS

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 4765 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing, 19.  
The production of the first 24 hours was 24 barrels of fluid of which 45 % was oil; %  
emulsion; 55 % water; and % sediment. Gravity, Be  
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in.

## EMPLOYEES

R. L. Gann, Driller V. L. Lewis, Driller  
C. L. Elrod, Driller

## FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Fort Worth, Texas, June 17, 1949  
Subscribed and sworn to before me this 17th day of June, 1949  
Name J. M. [Signature]  
Position Secretary  
Representing NEVILLE G. PENROSE, INC.  
Company or Operator  
My Commission expires June 1, 1951  
Address Fair Building, Fort Worth, Texas

ANNABEL L. COY, Notary Public  
In And For Tarrant County, Texas

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1510	1510	Red Shale and Sand
1510	1600	90	Anhydrite
1600	2685	1085	Anhydrite and Salt
2685	2880	195	Anhydrite
2880	2930	50	Sand
2930	3830	900	Anhydrite, dolomite and sand
3830	3865	35	Sand
3865	3970	105	Sand and Anhydrite
3970	4280	310	Dolomite and Anhydrite
4280	4325	45	Dolomite
4325	4485	160	Sandy Dolomite
4485	4550	65	Dolomite
4550	4625	75	Sandy Dolomite
4625	4766	141	Dolomite
4600	4710	110	Oil Pay Section
	4710 Plug Back Depth.		