



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

JUL 67 1953

WELL RECORD

OIL CONSERVATION COMMISSION  
HOBBS-OFFICE

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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

CHARM OIL COMPANY  
(Company or Operator)

PERSONS  
(Lease)

Well No. 2, in NW 1/4 of SE 1/4, of Sec. 27, T. 19, R. 36, NMPM.

Monument Pool, Lea County.

Well is 1980 feet from East line and 1980 feet from South line of Section 27. If State Land the Oil and Gas Lease No. is Fee.

Drilling Commenced 6-4, 19 53. Drilling was Completed 6-30, 19 53.

Name of Drilling Contractor Gackle Drilling Company

Address Hobbs, New Mexico

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

OIL SANDS OR ZONES

No. 1, from 3880 to 4013 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
<u>10 3/4</u>	<u>32 3/4</u>		<u>209'</u>				
<u>5 1/2</u>		<u>New</u>	<u>4050'</u>				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>15</u>	<u>10 3/4</u>	<u>209</u>	<u>200</u>	<u>Halliburton</u>		
	<u>5 1/2</u>	<u>4050</u>	<u>200</u>	<u>Two stage</u>		

RECORD OF PRODUCTION AND STIMULATION

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

Hydra-frac each following set of perforations with 1500 gallons:

3880-86; 3905-15; 3926-44; and 3989-4013'

Result of Production Stimulation 60 BOPD

Depth Cleaned Out 4050

**CORD 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 4050 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

**PRODUCTION**

Put to Producing July 1, 19 53.

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

GAS WELL: The production during the first 24 hours was \_\_\_\_\_ M.C.F. plus \_\_\_\_\_ barrels of  
 liquid Hydrocarbon. Shut in Pressure \_\_\_\_\_ lbs.

Length of Time Shut in \_\_\_\_\_

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

**Southeastern New Mexico**

**Northwestern New Mexico**

- |                           |                     |                            |
|---------------------------|---------------------|----------------------------|
| T. Anhy.....              | T. Devonian.....    | T. Ojo Alamo.....          |
| T. Salt.....              | T. Silurian.....    | T. Kirtland-Fruitland..... |
| B. Salt..... <u>2680</u>  | T. Montoya.....     | T. Farmington.....         |
| T. Yates..... <u>2900</u> | T. Simpson.....     | T. Pictured Cliffs.....    |
| T. 7 Rivers.....          | T. McKee.....       | T. Menefee.....            |
| T. Queen..... <u>3850</u> | T. Ellenburger..... | T. Point Lookout.....      |
| T. Grayburg.....          | 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	808		Red Bed	4004	4024		Lime & Sand
808	1157		Red bed & Anhy	4024	4050		Lime
1157	1355		Red Rock				
1355	1725		Anhy & Gyp				
1725	1842		Anhy				
1842	2707		Anhy & Salt				
2707	3053		Anhy & Gyp				
3053	3122		Lime				
3122	3248		Anhy & Lime				
3248	3256		Sandy Lime				
3256	3321		Anhy and Lime				
3321	3382		Lime				
3382	3423		Anhy & Lime				
3423	3463		Lime				
3463	3485		Lime & Anhy				
3485	3527		Lime				
3527	3568		Lime, Sand & Anhy				
3568	3594		Lime & Anhy				
3594	3627		Lime				
<del>3627</del>	<del>3627</del>						
3627	3661		Lime & Anhy				
3661	3791		Lime				
3791	3852		Lime & Anhy				
3852	4004		Lime				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

July 1, 1953

(Date)

Company or Operator Charm Oil Company  
 Name Vilas P. Arnesen

Address 314 Carper Bldg., Artesia, N.M.  
 Position or Title Manager