

A blank 10x10 grid for graphing. The grid is composed of 10 columns and 10 rows of squares. A horizontal line is drawn across the middle of the grid, separating the top 5 rows from the bottom 5 rows. The grid is used for plotting the graph of the function $y = \sin(x)$ for $0 \leq x \leq 2\pi$.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

JAN 28 1954

WELL RECORD CONSERVATION COMMISSION

20 MAY 1975 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 QUINTUPPLICATE.

AREA 840 ACRES
LOCATE WELL CORRECTLY

Charm Oil Company

Gulf - State

.....
(Type)

.....
(Company or Operator)

Well No. 1 in SE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 1, T. 21S, R. 35E, NMPM.

Ennice

...Pool,

Lee

..County.

Well is 660 feet from south line and 1980 feet from west line.

of Section 1 If State Land the Oil and Gas Lease No. is B-244

Drilling Commenced November 15, 1953 Drilling was Completed December 4, 1953

Name of Drilling Contractor Cackle Drilling Company

Address Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head.....3589..... The information given is to be kept confidential until
....., 19.....

OIL SANDS OR ZONES

No. 1, from 3770 to 3929 No. 4, from.....to.....

No. 2, from 3483 to 3545 (gsm) 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
10 3/4	32.75	New	210'	None			
7	20	New	3929'	Baker			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15	10 3/4	210	200	Halliburton		
8 3/4	7	3929	200	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Acid-frac w/2500 gallons out perforations 3880-3917

~~Sand-frac w/3000 gallons out perforations 3483-3545~~

Plugged back to 3804 completed as gas well - Gas not tested before sand-frac.

Result of Production Stimulation. Increased gas to $2\frac{1}{2}$ million cubic feet daily

..Depth Cleaned Out.....3804!.....

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 3929 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing December 12, 1953

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 2,500 M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure 1072 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.	1580		T. Devonian		T. Ojo Alamo
T. Salt	1770		T. Silurian		T. Kirtland-Fruitland
B. Salt	2990		T. Montoya		T. Farmington
T. Yates	3170		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	3480		T. McKee		T. Menefee
T. Queen			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	1207		Red beds				
1207	1597		Red bed and anhy.				
1597	1657		anhy. and gyp				
1657	1707		Anhydrite				
1707	2271		Anhydrite and salt				
2271	2441		Salt				
2441	2688		Salt and anhydrite				
2688	2906		Salt				
2906	3005		Salt and anhydrite				
3005	3200		Anhydrite and gyp				
3200	3255		Anhydrite and lime				
3255	3542		Anhydrite and gyp				
3542	3575		Lime				
3575	3597		Lime and anhydrite				
3597	3929		Lime				
							See attached Geologists Sample Description

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.

January 25, 1954
Company or Operator Charm Oil Company
Address 314 Carper Building, Artesia, N.M.
Name Vilas P. Sheldon
Position or Title Agent