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(Form C-100)

N.

MAY 9 1961

O. C. C.
ARTESIA, OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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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

Graridge Corporation

Lackawanna State

AREA 640 ACRES
LOCATE WELL CORRECTLY

(Company or Operator)

(Lease)

Well No. 4, in SW 1/4 of NE 1/4 of Sec. 21, T. 18S, R. 28E, NMPM.

Artesia

Pool,

Eddy

County.

Well is 1607 feet from North line and 2295 feet from East line

of Section 21. If State Land the Oil and Gas Lease No. is 647

Drilling Commenced February 14, 1961. Drilling was Completed April 20, 1961

Name of Drilling Contractor Donnelly Drilling Company, Inc.

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3570. The information given is to be kept confidential until , 19.

OIL SANDS OR ZONES

No. 1, from 2116 to 2131. 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
7"	20#	Used	513'	HOWCO	None	None	Surface casing
4 1/2"	9.5#	New	2158'	HOWCO	None	2124'-2130'	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
9-5/8"	7"	513'	150	Plug		
6-1/4"	4 1/2"	2158'	150	Plug		

RECORD OF PRODUCTION AND STIMULATION

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

This well was drilled and is to be used as a water injection well for waterflood operations.

Result of Production Stimulation

Depth Cleaned Out

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 320 feet to 2165 feet, and from feet to feet.
Cable tools were used from 0 feet to 520 feet, and from feet to feet.

PRODUCTION

Put to Producing, 19

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.	T. Montoya.	T. Farmington.	
T. Yates.	T. Simpson.	T. Pictured Cliffs.	
T. 7 Rivers.	T. McKee.	T. Menefee.	
T. Queen.	T. Ellenburger.	T. Point Lookout.	
T. Grayburg. 2116'	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	430	430	Gypsum and red bed	1375	1390	15	White lime
430	520	90	Salt	1390	1415	25	Red shale
520	535	15	Lime	1415	1460	45	Pink lime and gypsum
535	545	10	Blue shale	1460	1495	35	Shale
545	560	15	Gypsum	1495	1620	125	Lime and gypsum
560	685	125	Lime and gypsum	1620	1665	45	Red sand
685	695	10	Red rock	1665	1700	35	Gypsum and lime
695	770	75	Lime and gypsum	1700	1725	25	Red shale
770	775	5	Lime and red rock	1725	1735	10	Lime
775	795	20	Lime	1735	1770	35	Red rock
795	815	20	Red rock	1770	1870	100	Red gypsum
815	840	25	Lime and gypsum	1870	1880	10	Lime
840	885	45	Red rock	1880	1930	50	Gas sand
885	895	10	Lime	1930	1945	15	Lime
895	924	29	Red rock	1945	2025	80	Red rock and gypsum
924	1050	126	Red rock, lime, & gyp	2025	2110	85	Hard lime
1050	1360	310	Lime and gypsum	2110	2125	15	OIL sand and lime
1360	1375	15	Pink lime	2125	2165	40	Show oil

The above information taken from a drillers log made on the original completion when the well was drilled in 1926 by Flynn, Welch & Yates.

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.

May 5, 1961 (Date)
Company or Operator: Graridge Corporation Address: Drawer B, Artesia, New Mexico
Name: J. P. Darnell Position or Title: Superintendent