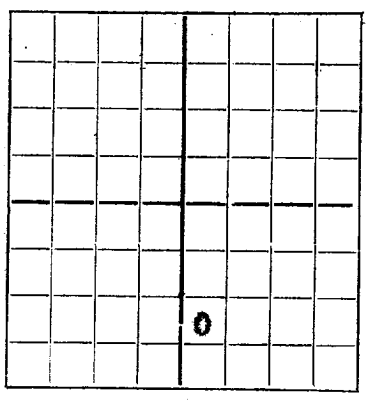
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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.

Malco Resler Yates — State
Company or Operator — Lease

Well No. 115 in SW SE of Sec. 15, T. 18S

R. 28E, N. M. P. M., Artesia Field, Eddy County.

Well is 330 feet south of the North line and 990 feet west of the East line of the SW SE Sec. 15

If State land the oil and gas lease is No. 647 Assignement No.

If patented land the owner is , Address

If Government land the permittee is , Address

The Lessee is , Address

Drilling commenced June 4, 1951 19 . Drilling was completed 8/4/51 19

Name of drilling contractor S. P. Yates Drilling Co Address Artesia, New Mexico

Elevation above sea level at top of casing 3610 feet.

The information given is to be kept confidential until 19 .

OIL SANDS OR ZONES

No. 1, from 2522 to 2542 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 2360 to 2375 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	PERFORATED TO	PURPOSE
8 5/8	32			637	T.P.				Surface
7	20			90	T.P.				Liner

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10 1/4	8 5/8	637	50	Pump		
8 1/4	7	2450	20	Pump		25

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
		Solidified	380	7/10/51	2520-55	2360

Results of shooting or chemical treatment Increased from few gallons oil per hour to about 25 BOPD

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 feet to feet, and from feet to feet.

Cable tools were used from 0 feet to 2564 feet, and from feet to feet.

PRODUCTION

Put to producing August 15, 1951, 19

The production of the first 24 hours was 27 barrels of fluid of which 92 % was oil; % emulsion; 8 % 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

Walt Cluney, Driller , Driller

Frank Sloan, Driller , 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.

Artesia, New Mexico (Place) September 6, 1951 (Date)

Name Vilas P. Sheldon

Position Secretary Operating Committee

Representing Malco Resler Yates (Company or Operator.)

Address Carper Building, Artesia, New Mexico.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
			DRILLER'S LOG
20	295		red rock
295	310		anhydrite
310	510		red rock
510	630		salt and anhydrite
630	1780		anhydrite
			GEOLOGIST'S DESCRIPTIVE LOG
1780	1794		5% anhydrite, 95% red sand f.g.
1794	1805		90% anhydrite, 10% red sand
1805	1822		100% anhydrite
1822	1850		5% buff dolomite, 95% anhydrite
1850	1865		90% anhydrite, 10% red sand
1865	1877		30% buff f.x. dolomite, 60% anhydrite 10% red
1877	1892		5% buff f.x. dolomite, 95% anhydrite sand
1892	1935		100% anhydrite
1935	1950		70% anhydirte, 10% red shale, 20% red sand
1950	1962		90% anhydrite, 10% red sand
1962	1978		95% anhydrite, 5% red sand
1978	1995		90% anhydrite, 10 gray shale
1995	2012		90% anhydrite, 10% red sand
2012	2019		60% anhydrite, 30% red sand, 10% gray sand
2019	2043		100% gray sand
2043	2059		20% anhydrite, 80% red sand
2059	2073		95% anhydrite, 5% red sand
2073	2089		80% anhydrite, 20% red sand
2089	2104		95% buff f.x. dolomite, 5% red sand
2104	2119		90% Buff f.x. dolomite, 10% red sand
2119	2137		100% buff f.x. dolomite
2137	2152		90% buff f.x., 5% anhydrite, 5% red sand
2152	2170		80% buff f.x., 20% gray shale
2170	2200		100% Buff f.x.dolomite,
2200	2210		50% buff f.x. dolomite, 50% buff sandy dolomite
2210	2230		100 Buff f.x. dolomite
2230	2239		100% buff to pink slightly sandy mottled dolo.
2239	2304		100% buff f.x. dolomite
2304	2319		95% buff f.x. dolomite, 5% gray sand
2319	2337		100% buff f.x. dolomite
2337	2347		80% buff f.x. dolomite, 20% buff sandy dolomite
2347	2360		100% buff f.x. dolomite
2360	2368		95% buff f.x. dolomite, 5% gray sand
2368	2375		20% buff f.x. dolomite, 60% buff sandy dolomite (slight oil stains & water) /20%gray sand
2375	2386		90% buff f.x. dolomite, 10% red sand
2386	2415		70% buff f.x. dolomite, 25% pink sandy dolomite
2415	2420		100% buff f.x. dolomite /5% red sand
2420	2428		90% buff f.x. dolomite, 10% pink f.x. dolomite
2428	2445		100% buff f.x. dolomite
2445	2457		50% buff f.x. dolomite 50% pink sandy dolomite
2457	2478		100% buff f.x. dolomite
2478	2499		95% pink f.x. dolomite 5% red sand
2499	2515		80% pink f.x. dolomite, 10% white sand dolomite
2515	2522		100% pink f.x. dolomite /10% red sand
2522	2542		20% pink f.x. dolomite, 20% white f.x. dolomite 10%red sand, 50 gray sand and oil stained, f.g.
2542	2555		10% white f.x. dolomite,70% pink f.x.dolomite 20% gray sand and some stain
2555	2564		10% pink f.x. dolomite, 90% white f.x. dolomite