N. M. O. C. C. COPY

RECEIVED APR

ARTESIA, OFFICE

Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.

U. S. Land Office New Mexico
Serial Number LC062376
Lease or Permit to Prospect Lane

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED MAR 28 1963 GEOLOGICAL SURVEY ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Estelle H. Yates Address 309 Carper Bldg., Artesia, N.M.
Lessor or Tract Lane Field Red Hills State New Mexico
Well No. 4 Sec. 29 T. 19S R. 30E Meridian N.M.P.M. County Eddy
Location 990 ft. {N/S} of N Line and 990 ft. {E/W} of W Line of Sec. 29 Elevation 3282 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Clifton Loyd
Date 2-22-1963 Title Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling 4-19 1958 Finished drilling 5-9 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1656 to 1662 No. 4, from to
No. 2, from 1670 to 1678 No. 5, from to
No. 3, from 1698 to 1702 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to
No. 2, from to No. 4, from to

CASING RECORDS

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
9 5/8	28	8	J-55	355	Tex. Pat.				Surface
4½	9.5	8	J-55	1720	Tex. Pat.		1656	1662	Prod.
							1670	1678	
							1698	1702	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	355	200	Denton		
4½	1920	440	Denton		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		SEE WELL HISTORY				

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from surface feet to 1720 feet, and from feet to feet

DATES

3-22, 1963 Put to producing 3-12, 1963

The production for the first 24 hours was 9 barrels of fluid of which 89 % was oil; % emulsion; 11 % water; and % sediment.

Gravity, °Bé. 33°

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

P. L. Carre, Driller B. D. Crismon, Driller
W. I. Trembly, Jr., Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	surface fill
50	335	285	anhydrite & gyp.
335	1010	675	salt
1055	1595	540	anhydrite & lime
1595	1615	20	anhydrite
1615	1651	36	lime
1651	1720 TD	68	sand & lime

AT THE DRILLER'S LOG DATE WHEN ...

[OVER]

16—43094-5

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

12-17-62 4 1/2" Casing was perforated from 1656' to 1662', 1670' to 1678', 1688' to 1692' with two shots per foot. Well was then treated with 592 barrels of oil and 50,000# of 20/40 sand. Treating oil was recovered 3-12-63, well made 8 barrels of new oil first 24 hours pumping.

RECEIVED