N. M. O. C. C. COPY

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

Form 9-330

Santa Fe, N.M.

U. S. LAND OFFICE NM 025503

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

RECEIVED
OCT 20 1961
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Ernest A. Hanson Address P. O. Box 1513, Roswell, New Mexico

Lessor or Tract Linsbe[illegible] Federal Field Culwin Yates State New Mexico

Well No. [illegible] Sec. 25 T. 17S R. 30E Meridian N.M.P.M. County Eddy

Location 330 ft. {N./S.} of S Line and 1650 ft. {E./W.} of E Line of Section 25 Elevation 3543
(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 Harry F. Schramm
Geologist

Date October 19, 1961 Title

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

Commenced drilling September 1[illegible], 1961 Finished drilling October 11, 1961

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 2421 to 2435 No. 4, from to

No. 2, from 2470 to 2500 No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 629 to 640 No. 3, from to

No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8-5/8	24	[illegible]		366	Float				Surface
5½	14	8R		2532	Float		2490	2500	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	366	300	Pump		
5½	2532	100	Pump		

MARK

FOLD

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

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet

Cable tools were used from 0 feet to 4935 feet, and from feet to feet

DATES

, 19 Put to producing October 19, 1961

The production for the first 24 hours was 264 barrels of fluid of which 100% was oil; % emulsion; % water; and % sediment. Gravity, °Bé.

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

, Driller Loffland Drilling Co., Artesia, N.M. Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	473	473	Red beds and caliche
473	715	242	Anhydrite
715	1765	1050	Salt, gray and red shale
1765	2007	242	Anhydrite
2007	2270	263	Anhydrite, red sand and red shale
2270	2307	37	Dolomite and anhydrite
2307	2360	53	Gray sand with saturation (no free oil)
2360	2377	17	Anhydrite
2390	2440	47	Red and gray sand
2440	2490	50	Dolomite (1 gal OPH in 24 hrs)
2490	2508	18	Gray sand (29 gal OPH)
2508	2533	25	Dolomite

Geologic Tops

T. anhy	473	E.L.
T. salt	716	E. L. samples
B. salt	1765	E.L.
T. Yates	2007	E.L.
T. Pay	2490	E.L.

[OVER]

16—43004-3

FORMATION RECORD—CONTINUED

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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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.