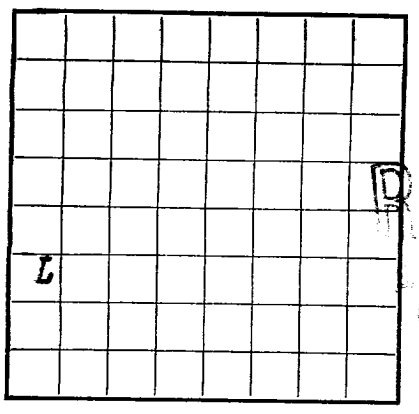
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE LAS CRUCES
SERIAL NUMBER 065680
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
JUL 17 1958
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company THOMAS F. WELCH Address ARTESIA, NEW MEXICO

Lessor or Tract KEOHANE Field SHUGART State NEW MEXICO

Well No. 2 Sec. 25 T. 18S R. 31E Meridian N. M. P. M. County EDDY

Location 1650 ft. [N.] of S Line and 330 ft. [E.] of W Line of 25-18-31 Elevation –
(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 Thomas F. Welch

Date JULY 15, 1958 Title OWNER

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

Commenced drilling 2/5/58, 19 Finished drilling 4/21/58, 19

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3938 to 3948 No. 4, from to

No. 2, from 3882 to 3912 No. 5, from to

No. 3, from 3712 to 3728 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 350 to 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	24			935	TEXAS PAT.				SURFACE
5½	15			4030	OTIS		3712	3728	PROD. STRG.
							3882	3912	
							3938	3948	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8	935	50	DENTON		
5½	4030	200	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

TOOLS USED

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

Cable tools were used from 0 feet to 4050 feet, and from feet to feet

DATES

, 19 Put to producing , 19

The production for the first 24 hours was 42 barrels of fluid of which 98 % was oil; % emulsion; 2 % 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

MARTIN MOORE, Driller PEARL JOHNSON, Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
		15	CALICHI
		20	RED BED
		260	RED ROCK
		355	SANDY SHALE
		415	RED ROCK
		445	RED SHALE
		765	RED ROCK
		884	ANHY.
		915	SALT-ANHY
		970	ANHY
		1000	SALT
		1015	RED R.
		1165	SALT
		1175	ANHY.
		1725	SALT
		1760	ANHY
		1800	SALT
		1820	ANHY
		1970	SALT
		1985	ANHY.
		2175	SALT

[OVER]

16—43094-4

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
		2430	ANHY
		2470	ANHY. & RED BED
		2630	ANHY
		2645	LIME
		2665	SAND
		2670	LIME
		2695	SAND
		2705	SHALE
		2740	ANHY
		2761	LIME
		2800	ANHY.
		3266	LIME
		3275	SAND
		3475	LIME
		3517	RED SAND
		3688	LIME
		3710	SANDY LIME
		3723	SAND
		3820	LIME
		3840	SANDY LIME
		3861	LIME
		3879	LIME-SAND
		3889	RED SAND
		3913	LIME
		3922	SAND
		4020	LIME
		4026	SAND
		4050	LIME T. D.

(ELECTRIC LOG FURNISHED)

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.