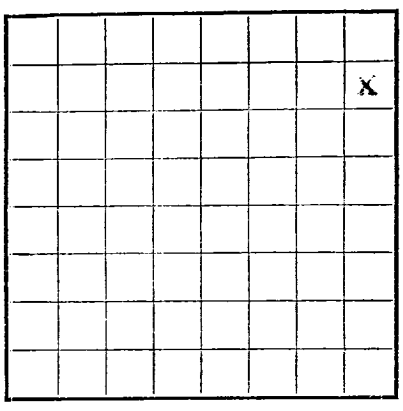
Form 9-330

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

U. S. LAND OFFICE New Mexico
SERIAL NUMBER LC 029389 (a)
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FEB 15 1961

RECEIVED
FEB 17 1961
O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company Paul E. Haskins Address 801 1st. Natl. Bank Bldg. Midland, Tex.

Lessor or Tract Hondo Oil & Gas Co. Field North Shugart State New Mexico

Edwards-Federal

Well No. 4 Sec. 9 T. 18s R. 31e Meridian NMPM County Eddy

Location 990 ft. {N./S.} of N Line and 330 ft. {E./W.} of E Line of Sec. 9 Elevation 3720 DF (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

Date February 13, 1961 Title Owner

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

Commenced drilling 11-28-60, 1960 Finished drilling 1-7-, 1961

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3980 to 3990 No. 4, from to

No. 2, from to No. 5, from to

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

IMPORTANT WATER SANDS

No. 1, from 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
8-5/8	28#	8	Used	876	Texas	------	---	---	Water
4-1/2	9.5#	8	J & L	4085	Baker	------	3980	3990	Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	876	50	Pump trucks		
4-1/2	4085	125	Pump trucks		

FOLD MARK

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size y

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 4085 feet, and from feet to feet

DATES

, 19 Put to producing 2-11, 1961

The production for the first 24 hours was 52 barrels of fluid of which 85 % was oil; 0 % emulsion 15 % water; and 0 % sediment. Gravity, °Bé. 32.6°

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

L. H. Tennant, Driller H. A. Simpson, Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	650		Red beds
650	860		Anhy & shale
860	1885		Salt
1885	2200		Anhy & shale
2200	2260		Sand & shale
2260	2470		Anhy
2470	2540		Sand & anhy
2540	2780		Lime
2780	2870		Lime & anhy
2870	2955		Lime
2955	2995		Sand & shale
2995	3215		Lime & anhy
3215	3255		Red sand
3255	3440		Lime
3440	3450		Sand
3450	3540		Lime
3640	3610		Sand
3610	3680		Lime
3680	3705		Lime & sand
3705	3895		Lime
3895	3920		Sand
3920	3980		Lime
3980	3990		Sand
3990	4025		Lime

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
4025	4040		Sand
4040	4060		Lime
4060	4070		Sand
4070	4085 TD		Lime & sand

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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 balling.