Form 9-330

Budget Bureau No. 42-R358.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe

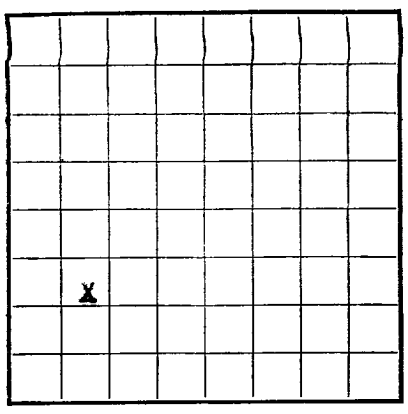
SERIAL NUMBER 078266

LEASE OR PERMIT TO PROSPECT

OIL CON. COM. DIST. 3 JAN 20 1960

RECEIVED JAN 18 1960 U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico

Lessor or Tract Vaughn Field So. Blanco P.C. State New Mexico

Well No. 5 Sec. 29 T. 26N R. 6W Meridian N.M.P.M. County Rio Arriba

Location 1900 ft. {N. / S.} of S Line and 690 ft. {E. / W.} of W Line of Section 29 Elevation 6742 (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 ORIGINAL SIGNED H.E. McANALLY

Date January 15, 1960 Title Petroleum Engineer

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

Commenced drilling 10-29, 19 59 Finished drilling 11-6, 19 59

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 2903 to 2963 (G) 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
1 1/4	2.4	10 Rd.	Grade "A"	2935					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	127	105	Circulated		
5 1/2	2980	90	Single Stage		

FOLD

MARK

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 0 feet to 2981 feet, and from feet to feet

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

DATES

11-29, 19 59 Put to producing , 19

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

If gas well, cu. ft. per 24 hours 3,346,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 797 A.O.F. = 3796 MCF/D

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2202	2202	Tan to gry cr-grn ss interbedded w/gry sh.
2202	2378	176	Ojo Alamo ss. White cr-grn s.
2378	2656	278	Kirtland form. Gry sh interbedded w/tight gry fine grn ss.
2656	2903	247	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2903	2963	60	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2963	2981	18	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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 "pulled" 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.

11-27-59 T.D. 2980' C.O.T.D. 2950'. Water fraced Pictured Cliffs perf. int. 2906-2930 (2 super BJ/ft) w/31,700 gallons water, 35,000# sand. BDP 1600#, tr. pr. 1500#, max. pr. 1600#. Flush 3100 gal. I.R. 29 BPM. Frac water contained 1% Calcium Chloride.

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