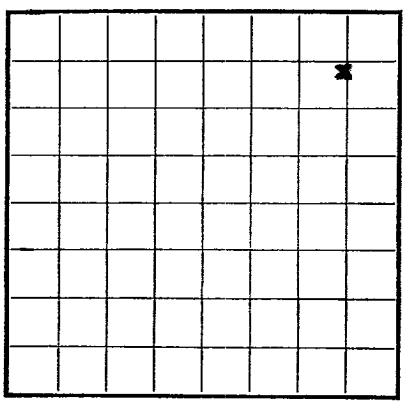
Form 9-330

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

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 068823-C
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAR 24 1958
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address 2006 Wilco Building; Midland, Texas

Lessor or Tract Welch Unit Field Undesignated State New Mexico

Well No. 4 Sec. 20 T. 26S R. 27E Meridian NMPM County Eddy

Location 990 ft. {N/S} of N Line and 330 ft. {E/W} of E Line of Sec. 20 Elevation 3254.5 GL
(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 Loyd R. Baskin

Date March 21, 1958 Title Drilling & Production Supt.

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

Commenced drilling March 5, 19 58 Finished drilling March 12, 19 58

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 2095 to 2110 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	24#	8 rd	J-55	240	Guide				Surface
5-1/2	15.5#	8 rd	J-55	2160	Guide		2095	2110	Completion

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5-1/2	240	150	Halliburton		
8-5/8	2160	150	Halliburton		

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 Surface feet to 2160 feet, and from ____ feet to ____ feet

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

DATES

March 21, 19 58 Put to producing March 20, 19 58

The production for the first 24 hours was 126 barrels of fluid of which 33% was oil; ____% emulsion; 67% 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 ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	230	230	Gypsum and sand
230	1410	1180	Anhydrite, limestone
1410	1520	110	Salt
1520	1620	100	Anhydrite
1620	1859	239	Salt
1859	2041	182	Tan limestone
2041	2076	35	Black silty limestone
2076	2160	84	Very fine grain sandstone
	T.D.		

2041 - Top Delaware lime (EL)
2076 - Top Delaware Sand (EL)

[OVER]

FOLD | MARK

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.

Well spudded March 5, 1958.
8-5/8" 24# J-55 casing set at 260 feet with 150 sx cement March 6, 1958.
5-1/2" 15.5# J-55 casing set at 2160 feet (TD) with 150 sx cement March 13, 1958.
Well perforated 2095 - 2110 with 4 shots per foot.
Treated through perforations with 2000 gal oil & 2000 pounds sandstone

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