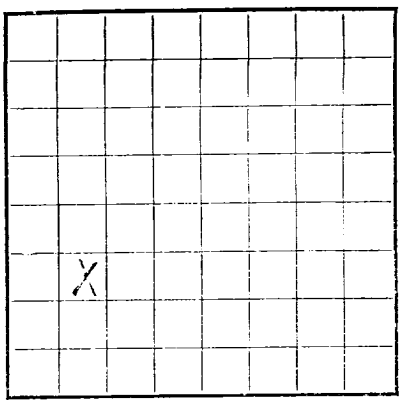
Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 081098
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
SEP 14 1953
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997 Farmington, New Mexico
Lessor or Tract Riddle Field Blanco State New Mexico
Well No. 2 Sec. 3 T. 30N R. 9W Meridian N. M. P. M. County San Juan
Location 1650 ft. [N.] of S Line and 990 ft. [E.] of W Line of Section 3 Elevation 6057 (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 Lowell D. Walsh

Date September 10, 1953 Title Petroleum Engineer

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

Commenced drilling May 20, 1953 Finished drilling June 6, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2017 to 2864 (G)
No. 2, from 4531 to 4668 (G)
No. 3, from 4668 to 5047 (G)
No. 4, from 5047 to 5171 (G)
No. 5, from ..... to .....
No. 6, from ..... to .....

IMPORTANT WATER SANDS

No. 1, from ..... to .....
No. 2, from ..... to .....
No. 3, from ..... to .....
No. 4, from ..... to .....

RECEIVED
SEP 21 1953
OIL CON. COM.
DIST. 3

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From	Perforated To	Purpose
9-5/8"	25.4	S. W.	Armco	161'	Armco				Surface
7"	23	8 RD	Spang	4497'	Baker				Prod. Csg.
2"	4.7	8 RD	Youngst.	5190'					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	174'	125	Circulated		
7"	4507'	300	Sing. 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
Quart	Regular	S.N.G.	1615	6-7-53	4553-5203	5203

TOOLS USED

Rotary tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet
Cable tools were used from 0 feet to 4507 feet, and from 4507 feet to 5203 feet

DATES

....., 19..... 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 ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. 3,690,000

EMPLOYEES

1074

....., Driller ....., Driller
....., Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	427	427	Tan cr-grn ss w/thin sh breaks.
427	1260	833	Variegated sh w/thin ss breaks.
1260	1576	316	Tan to gry cr-grn ss interbedded w/gry sh.
1576	1650	74	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 1576.
1650	2476	826	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 1650.
2476	2017	341	Fruitland formation. Gry carb sh, scattered coals and gry,tight,fine-grn ss. Top Fruitland 2476.
2017	2864	47	Pictured Cliffs formation. Gry,fine-grn,tight, varicolored soft ss. Top Pictured Cliffs 2017.
2864	4531	1667	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Lewis formation 2864.
4531	4668	137	Cliff House ss. Gry,fine-grn,dense sil ss. Top of Cliff House 4531.
4668	5047	379	Menefee formation. Gry,fine-grn s, carb sh and coal. Top Menefee 4668.
5047	5171	124	Point Lookout formation. Gry,very fine sil ss w/ frequent sh breaks. Top Point Lookout 5047.
5171	5203	32	Mancos formation. Gry carb sh. Top Mancos 5171.

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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.