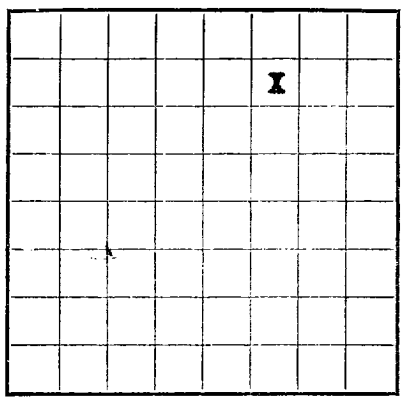
Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

Form 9-330

U. S. Land Office Santa Fe
Serial Number 078415
Lease or Permit to Prospect



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997 Farmington, New Mexico
Lessor or Tract Roelofs Field Blanco State New Mexico
Well No. 2 Sec. 15 T. 29N R. 8W Meridian N.M.P.M. County San Juan
Location 990 ft. [N.] of N Line and 1650 ft. [W.] of E Line of Section 15 Elevation 6341 (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 [signature]

Date March 18, 1953 Title Petroleum Engineer

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

Commenced drilling January 30, 19 53 Finished drilling February 21, 19 53

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3030 to 3080 (G) No. 4, from 5235 to 5361 (G)
No. 2, from 4638 to 4867 (G) No. 5, from to
No. 3, from 4867 to 5235 (G) 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
9 5/8"	25.4	8	S. W.	161	HOWCO				Surface
7"	23	8	Spang	4395	BAKER				Prod. Csg.
2"	4.7	8	Youngst.	5331					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"	172	125	Circulated		
7"	4605	300	Sing. Stage		

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.	1605	2-21-53	4655-5395	5395

TOOLS USED

Rotary tools were used from 0 feet to 4605 feet, and from 4605 Gas Drill-in feet to 5395 feet
Cable tools were used from feet to feet, and from feet to feet

DATES

February 25, 19 53 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 3,640,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1054

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	470	470	Tan cr-grn ss w/thin sh breaks.
470	1330	860	Variegated sh w/thin ss breaks.
1330	2030	700	Tan to gry cr-grn ss interbedded w/gry sh.
2030	2141	111	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 2030.
2141	2700	559	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2141.
2700	3030	330	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-granined sandstone. Top of Fruitland 2700.
3030	3080	50	Pictured Cliffs formation. Gry,fine-grn,tight, varicolored soft ss. Top Pictured Cliffs 3030.
3080	4638	1558	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks. Top Lewis 3080.
4638	4867	229	Cliff House ss. Gry,fine-grn,dense sil ss. Top of Cliff House 4638.
4867	5235	368	Menefee formation. Gry,fine-grn s, carb sh and coal. Top of Menefee 4867.
5235	5361	126	Point Lookout formation. Gry,very fine sil ss w/ frequent sh breaks. Top Point Lookout 5235.
5361	5395 T.D.	24	Mancos formation. Gry carb sh. Top Mancos 5361.

[OVER]

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 "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.

RECEIVED

CASING RECORD

IMPORTANT WATER SANDS

OIL OR GAS SANDS OR ZONES

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

LOCATE WELL CORRECTLY

FORM 9-330

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