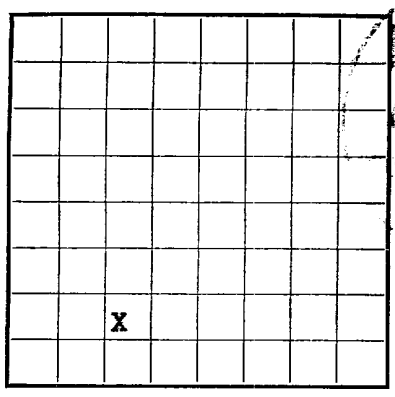
Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078417-A
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
OCT 13 1961
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 28-7 Unit Field So.Blanco P.C. State New Mexico
Well No. 114 Sec. 22 T. 28-N R. 7-W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. {N. / ~~S.~~} of S Line and 2250 ft. {E. / ~~W.~~} of W Line of Section 22 Elevation 6802
(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 D. W. Meehan

Date October 11, 1961 Title Petroleum Engineer

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

Commenced drilling 7-11-61, 19 Finished drilling 8-4, 19 61

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3460 to 3546 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	98	HOWCO				Surface
2 7/8"	J 6.4	8 rd	J-55	3535	Baker				Prod casing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	109	140	circulated		
2 7/8"	3544	267	single 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
3481-89; 3494-3502; 3510-18;		Frac Pictured Cliffs w/31,040 gal water, 25,000# sand. max pr 3800#, tr pr 2900-3400-3500#. IR 17.9 BPM. Flush 1050 gallons.				

TOOLS USED

Rotary tools were used from 0 feet to 3546 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to 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 1,221,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 977 (casing) A.O.F. 1240 MCF/D

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3050	3050	Tan to gry cr-grn ss interbedded w/gry sh.
3050	3270	220	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
3270	3460	190	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3460	3546	86	Pictured Cliffs forms Gry, fine-grn, tight, varicolored soft ss.

FOLD | MARK

16—43094-5

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.