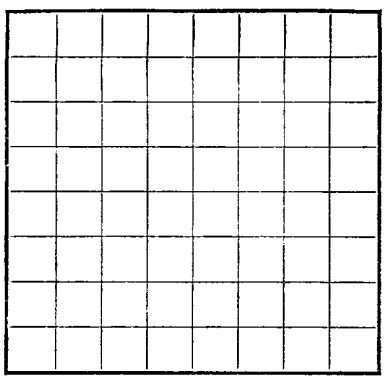
Form 9-330



LOCATE WELL CORRECTLY

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079360
LEASE OR PERMIT TO PROSPECT

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 Rincon Unit Field Basin Dakota State New Mexico

Well No. 185 Sec. 22 T. 27N R. 7W Meridian N.M.P.M. County Rio Arriba

Location 990 ft. {N/S} of N Line and 990 ft. {E/W} of E Line of Section 22 Elevation 6597
(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 E. S. OBERLY

Date March 22, 1963 Title Petroleum Engineer

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

Commenced drilling 11-9, 19 62 Finished drilling 12-1-, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7279 to 7399 (G) No. 4, from to

No. 2, from 7399 to 7593 (G) 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
9 5/8"	32.3	8 rd	S-95	317	Mexco				Surface
4 1/2"	10.5,11.6	8 rd	J-55	7593	Baker				Prod. casing
2 3/8"	4.7	8 rd	J-55	7469					Prod. tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	317	260	circulated		
4 1/2"	7593	601	3 stage		

MARK

FOLD

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
Perf 7342-48(2 SPF);7446-58(1 SPF);7478-82;7492-96(3 SPF); Frac w/80,000 gallons water, 72,000# sand. Flush w/4830 gallons water. IR 25.6 BPM Max pr 4000#, MDP 2200#, tr pr 2100-4000#. 3 drops of 12 balls.						

TOOLS USED

Rotary tools were used from 0 feet to 7593 feet, and from feet to feet

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

DATES

3-7, 19 63 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 1,639,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1746 tbg. A.O.F. 1777 MCF/D

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2257	2257	
2257	2397	140	Ojo Alamo
2397	2891	494	Kirtland
2891	3032	141	Fruitland
3032	3097	65	Pictured Cliffs
3097	4769	1672	Lewis
4769	4847	78	Cliff House
4847	5305	458	Menefee
5305	5433	128	Point Lookout
5433	6386	953	Mancos
6386	7222	836	Gallup
7222	7279	57	Greenhorn
7279	7399	120	Graneros
7399	7593	194	Dakota

[OVER]

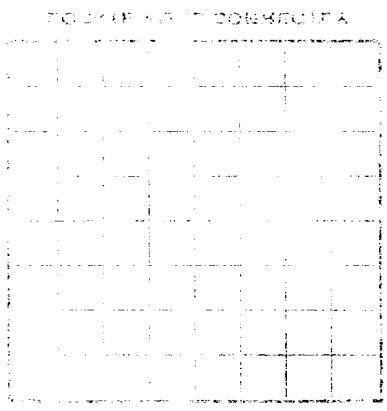
FORMATION RECORD—Continued

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.



LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY