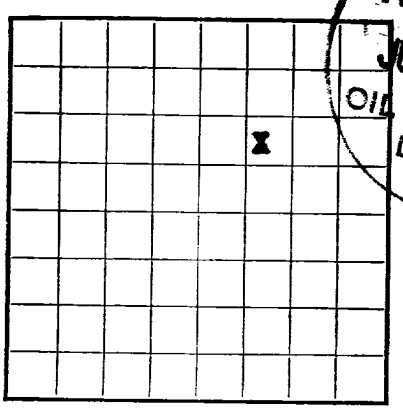
Form 9-330



LOCATE WELL CORRECTLY

RECEIVED JUL 5 1961 OIL CON. COM. DIST. 3

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

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 013654
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 Simms Unit Field Basin Dakota State New Mexico
Well No. 159 Sec. 18 T. 27-N R. 6-W Meridian N.M.P.M. County Rio Arriba
Location 1700 ft. {N. / S.} of S. Line and 1700 ft. {E. / W.} of E. Line of Section 18 Elevation 6608 (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 A.M. SMITH
Date June 6, 1961 Title Petroleum Engineer

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

Commenced drilling 3-2, 1961 Finished drilling 5-15, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3805 to 3855 (G) No. 4, from 5450 to 5533 (G)
No. 2, from 4863 to 4962 (G) No. 5, from 7417 to 7534 (G)
No. 3, from 6490 to 6568 (G) No. 6, from 7738 (G) to

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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
2 3/8"	4.7	8 rd	J-55	7688					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"	300	300	circulated		
4 1/2"	7738	505	two 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
		See Well History				

TOOLS USED

Rotary tools were used from 0 feet to 7738 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

5-16, 1961 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 2,715,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 2504 A.O.F. - 3015 MCF/D

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2362	2362	Tan to gry cr-grn ss interbedded w/gry sh.
2362	2571	209	Ojo Alamo ss. White cr-grn s.
2571	2979	408	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2979	3205	226	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3205	3255	50	Pictured Cliffs fomm Gry, fine-grn, tight, varicolored soft ss.
3255	4863	1608	Lewis form. Gry, fine-grn, dense sil ss.
4863	4942	79	Cliff House fm. Gry, fine-grn, dense sil ss.
4942	5450	508	Menefee form. Gry, fine-grn s, carb sh & coal.
5450	5533	83	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5533	6490	957	Mancos form. Gry carb sh.
6490	7048	558	Gallup form. Lt gry to brn calc carb micac glauc very fine gry ss w/irreg. interbed sh.
7048	7351	303	Greenhorn form. Dk gry calc very fine to fine gry ss w/calc veins w/irreg inter dk gry s.
7351	7417	66	Graneros form. Mighty calc gry sh w/thin lmst.
7417	7534	117	Graneros form. Dk gry shale, fossil & carb w/pyrite incl.
7534	7738	204	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl. thin sh breaks clay & shale lyr.

FORMATION RECORD—Continued

[OVER]

16—43094-5

FOLD | MARK