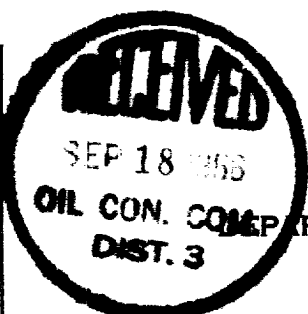


[illegible]

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 980670
LEASE OR PERMIT TO PROSPECT _____
14-00001-1054

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
 Lessor or Tract San Juan 27-4 Unit Field Wildcat State New Mexico
 Well No. 5 Sec. 32 T. 27S R. 4W Meridian NMPM County Rio Arriba
 Location 947 ft. [N.] of S. Line and 1800 ft. [E.] of W. Line of Section 32 Elevation 7119'
(Check one and circle to see 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 W. F. Crow

Date September 12, 1956 Title Petroleum Engineer

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

Commenced drilling 7-30-56, 1956 Finished drilling 8-5-56, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3922 to 4007 (G) 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. 2, from _____ to _____

No. 3, 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		Purpose
							From—	To—	
9 5/8"	25.4	2 3/4"	S. W.	122'	Lower				Surface
5 1/4"	15.5	3 1/2"	J-55	3997'	Upper				Surface
2 1/2"	10.7	3 1/2"	J-55	3996'					Surface
It is of the character of shoe (to be pulled) to pull a complete string of the well. REWORK OF OIL OK CYS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	132'	100	Circulated		
5 1/2	4007'	250	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
		See Well History.				

TOOLS USED

Rotary tools were used from ----- feet to ~~4007~~ ----- 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 757,000 ^{A.C.F. 1,787 MCF/D} Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ----- 1000

EMPLOYEES

_____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3370	3370	Tan to gry cr-grn ss interbedded w/gry sh.
3370	3530	160	Ojo Alamo ss. White cr-grn s.
3530	3710	180	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3710	3922	212	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3922	4007	85	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

U.S. LAND OFFICE
SERIAL NUMBER
I CAN BE PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



REF ID: A62802

[illegible]

The information given above is a complete and correct record of all work done thereon.

J. L. [Signature]

1. The first of these is the fact that the Commission has not yet received any information from the Government of the United States regarding the results of its investigation of the activities of the Communist Party in the United States.

OIL OR GAS SANDS OR ZONES

(2) 2000 2001

0.1	mon 1.4.0%	0.1	mon 1.1.0%
0.2	mon 1.6.0%	0.2	mon 1.2.0%
0.3	mon 1.8.0%	0.3	mon 1.3.0%

IMPOUNDMENT WATER SANDS

63	0000 8 07	64	0000 11 07
65	0000 8 07	66	0000 8 07

~~D-26-3810. O. H. 3861, Part. 3864-96. Furnished with 71000 National Hotel and Casino
40,000 sand. Furnished with 5000 dollars. I.R. 13 B.M. All passed as 1500.
CASINO RECORD~~

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 "slacked", 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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-53084-2

FROM		TO		TOTAL FEET		FORMATION	
HEAVING PLUG		HEAVING PLUG		HEAVING PLUG		HEAVING PLUG	
ADAPTERS		ADAPTERS		ADAPTERS		ADAPTERS	
SHOOTING RECORD		SHOOTING RECORD		SHOOTING RECORD		SHOOTING RECORD	
PLUGS AND ADAPTERS		PLUGS AND ADAPTERS		PLUGS AND ADAPTERS		PLUGS AND ADAPTERS	
MUDLOGGING AND CEMENTING RECORD		MUDLOGGING AND CEMENTING RECORD		MUDLOGGING AND CEMENTING RECORD		MUDLOGGING AND CEMENTING RECORD	

2151A.M. QJ()=