Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. Land Office New Mexico
Serial Number 04202
Lease or Permit to Prospect

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SEP 7 '56
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

X

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico

Lessor or Tract Johnston Field Aztec P.C. State New Mexico

Well No. 4 Sec. 17 T. 28N R. 9W Meridian NMPM County San Juan

Location 2001 ft. {N.} of S Line and 1175 ft. {W.} of E Line of Section 17 Elevation 5973'
(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

Date July 5, 1956 Title Petroleum Engineer

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

Commenced drilling May 19, 19 56 Finished drilling May 24, 19 56

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2214 to 2288 (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. 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#	P.E.	S.W.	121'	Howco				Surface
5 1/2"	15.5#	8 Rd	J-55	2308'	Baker				Prod.Csg.
1 1/4"	2.3#	8 Rd	Grade "B"	2264'					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"	131'	100	Circulated		
5 1/2"	2310'	150	Single Stage		

FOLD MARK

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 2310 feet, and from feet to feet

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

DATES

June 13, 1956, 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.

A.O.F. - 2,362 MCF/D.

If gas well, cu. ft. per 24 hours 2,247,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 717

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1170	1170	Tan to gry cr-grn ss interbedded w/gry sh.
1170	1276	106	Ojo Alamo ss. White cr-grn s.
1276	1958	682	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1958	2214	256	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2214	2288	74	Pictured Cliff form. Gry, fine-grn, tight, varicolored soft ss.
2288	2310	22	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

[OVER]

16—43094-8

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.

6-12-56 T.D. 3210', P.B. Total Depth 2270'.
Water fractured formation at 2216-24, 2232-58. Perforated by 4 feet. Fraced with 40,092 gallons water and 59,000# sand. Flush 2352 gallons. Injection rate 30.8 BPM. Maximum pressure 2000#, Breakdown pressure 3000#. Average treating pressure 2000#.

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