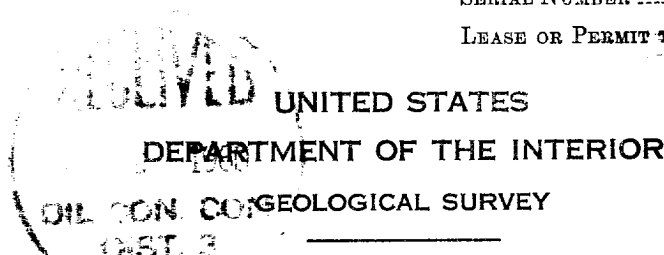
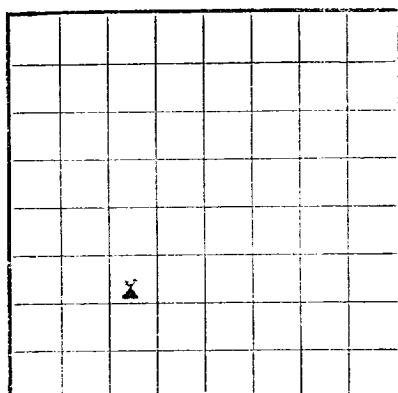


U. S. LAND OFFICE **Jicarilla Apache**
SERIAL NUMBER **Cont. No. 64**
LEASE OR PERMIT TO PROSPECT



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract Jicarilla Field So. Blanco P.C. State New Mexico
Well No. 7-R Sec. 20 T. 25N R. 4W Meridian N.M.P.M. County Rio Arriba
Location 1650 ft. [N.] of S Line and 1650 ft. [E.] of W Line of Sec. 20 Elevation 7032
(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 C. D. COX _____

Date August 19, 1960 Title Petroleum Engineer

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

Commenced drilling 6-22, 1960 Finished drilling 6-26, 1960

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3272 to 3358 (a) 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	129	120	Circulated		
2 7/8	3384	60	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 6 feet to 3385 feet, and from _____ feet to _____ feet.

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

DATES

-----7-7-----, 19-60	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 -----	Gallons gasoline per 1,000 cu. ft. of gas -----
6,203,000	
Rock pressure, lbs. per sq. in. -----	A.O.F. = 12,623 MCF/D
870	

**A.C.C.
EMPLOYEES**

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2750	2750	Tan to gry cr-grn ss interbedded w/gry sh.
2750	2867	117	Ojo Alamo ss. White cr-grn s.
2867	3120	253	Kirtland form. Gry sh interbedded w/tight gry fine grn ss.
3120	3272	152	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3272	3358	86	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3358	3385	27	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

[OVER]

FORMATION RECORD—Continued

FORMATION	TOTAL FEET	TO—	FROM—
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99. ...	...	...	...
100. ...	...	...	...

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 dyanamited, 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 balling.

Water Trac Pictured cliffs part. Int. 3208-3258; 3308-3316 v/24,990 gallons water and 25,000 sand. Net 3400, max. dr. 4000, avg. dr. 2700-2900. I.R. 23 BIM. Flush none. Dropped 2 sets of 16 balls.