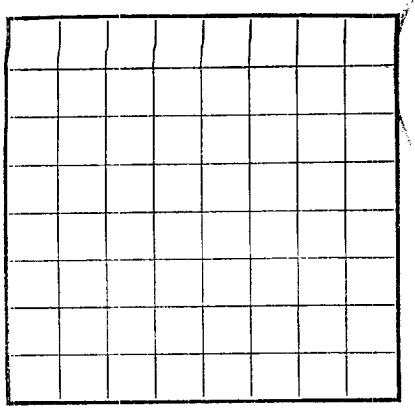
Form 9-330



LOCATE WELL CORRECTLY

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

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03560
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 San Juan 28-7 Unit Field Blanco P.C. State New Mexico

Well No. 16(OWWO) Sec. 30 T. 27N R. 7W Meridian N.M.P.M. County Rio Arriba

Location 869 ft. {N/S} of N Line and 1663 ft. {E/W} of E Line of Section 30 Elevation 6055
(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 21, 1963 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date Re-Comp. - 2-7-63

Commenced drilling September 19, 19 54 Finished drilling October 1, 19 54

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2323 to 2382 (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	8 rd	ARMCO	97.60	Armco				Surface
5	1/2"	15.5	8 rd	J-55	2312.22	Baker			(Old)	Prod. Casing
2	7/8"	4.7	8 rd	J-55	2372	Baker			(New)	Prod casing

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9	5/8"	109.10	125	circulated		
5	1/2"	2322	150	single stage		
2	7/8"	2382	350	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 2322 feet, and from ____ feet to ____ feet

Cable tools were used from 2322 feet to 2395 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 1,780,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 762 A.O.F. 1870 MCF/D

EMPLOYEES

____, Driller ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1483	1483	
1483	1646	163	Ojo Alamo
1646	2057	411	Kirtland
2057	2323	266	Fruitland
2323	2382	59	Pictured Cliffs

[OVER]

16—43094-5

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.

10-2-54: T.D. 2395', interval 2322-2395'. Sand-oil frac Pictured Cliffs w/7034 gallons oil, 7000# sand. BDP 1200#, max pr 1200#. IR 7 BPM. Nat gage 380 MCF/ Gage 22 hours after 1450 MCF.

2-7-63: Perf 2326-32;2342-48 w/3 bullets/ft. Frac w/30,000 gallons water, (2 1/2# J-100/1000 gal), 30,000# 10/20 sand. Flushed w/300 gallons water. IR 19 BPM. Max pr 4000# tr pr 3200-3500#. ISIP 800#, 5 min 800#.