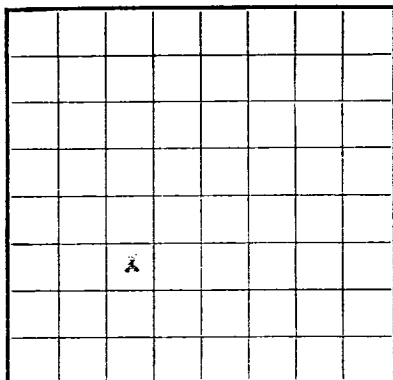
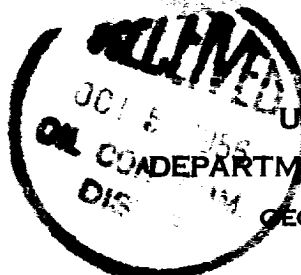




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079761
LEASE OR PERMIT TO PROSPECT 14-00-001-1055

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 2-4 Unit Field Wildcat State New Mexico
Well No. 10-30 Sec. 30 T. 29N R. 4W Meridian MPM County Hidalgo
Location 1650 ft. N. of 1/00 Line and 1/00 ft. E. of 1/00 Line of Section 30 Elevation 7194'
(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 [Signature] Title Petroleum Engineer
Date October 2, 1956

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

Commenced drilling 7-6-56, 1956 Finished drilling 7-16-56, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3590 to 4100 (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		Purpose
							From—	To—	
9 5/8"	25.47	8.0	S. & W.	114'	None				Surface
5 1/2"	17.5	8.0	S. & W.	133'	None				Production
2 1/2"	8.0	8.0	S. & W.	133'	None				Production
HIDALGO CR. OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	124'	100	Circulated		
5 1/2"	4203'	300	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 0 feet to 4210 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

8-19-56, 1956 Put to producing _____, 1956

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. A.O.F. 1,403 Gravity, °Bé. 66

If gas well, cu. ft. per 24 hours 1,348,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1099

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3401	3401	Tan to gry cr-grn ss interbedded w/gry sh.
3401	3652	191	Ojo Alamo ss. White cr-grn s.
3652	3734	82	Kartland form. Gry sh interbedded w/tight gry fine-grn ss.
3734	3890	162	Fruitland form. Gry carb sh, scattered coal coals and gry, tight, fine-grn ss.
3890	4100	292	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
4100	4210	22	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

(OVER)

16-43094-4

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

A 10x10 grid of squares, likely a crossword puzzle grid. The grid is composed of 10 columns and 10 rows of squares. Some squares are shaded gray, indicating they are not to be filled with letters. The shaded squares are located at the following coordinates (row, column): (1, 2), (1, 3), (1, 4), (1, 5), (1, 6), (1, 7), (1, 8), (1, 9), (1, 10), (2, 1), (2, 2), (2, 3), (2, 4), (2, 5), (2, 6), (2, 7), (2, 8), (2, 9), (2, 10), (3, 1), (3, 2), (3, 3), (3, 4), (3, 5), (3, 6), (3, 7), (3, 8), (3, 9), (3, 10), (4, 1), (4, 2), (4, 3), (4, 4), (4, 5), (4, 6), (4, 7), (4, 8), (4, 9), (4, 10), (5, 1), (5, 2), (5, 3), (5, 4), (5, 5), (5, 6), (5, 7), (5, 8), (5, 9), (5, 10), (6, 1), (6, 2), (6, 3), (6, 4), (6, 5), (6, 6), (6, 7), (6, 8), (6, 9), (6, 10), (7, 1), (7, 2), (7, 3), (7, 4), (7, 5), (7, 6), (7, 7), (7, 8), (7, 9), (7, 10), (8, 1), (8, 2), (8, 3), (8, 4), (8, 5), (8, 6), (8, 7), (8, 8), (8, 9), (8, 10), (9, 1), (9, 2), (9, 3), (9, 4), (9, 5), (9, 6), (9, 7), (9, 8), (9, 9), (9, 10), (10, 1), (10, 2), (10, 3), (10, 4), (10, 5), (10, 6), (10, 7), (10, 8), (10, 9), (10, 10).

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

Date _____

Cemented and filling _____
Finished drilling _____ 19____

(1) $\mathcal{C}$ is a $\mathcal{C}_0$ -category

IMPORTANT WATER SANDS

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, position and number of shots. If pillars or bridges were put in to rest the casing, state their position and height in pounds or barrels.

8-13-30 C.O. no. 2007
8-13-30 C.O. no. 2007 and 40,000 gals. sand. Flush with 5500 gallons. I.R. N.B.M.
Gallons water and 40,000 gals. sand. Flush with 5500 gallons. I.R. N.B.M.
Estimated
Purpose

10-43084-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]