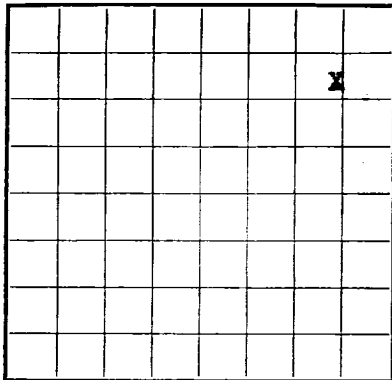


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078343
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

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 29-5 Unit Field Blanco Mesa Verde State New Mexico
Well No. 17 Sec. 5 T. 29 R. 5 W. Meridian N.M.P.M. County Rio Arriba
Location 1040 ft. XX of N Line and 1180 XX of E Line of Section 5 Elevation 6439
(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 October 11, 1961 Title Petroleum Engineer

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

Commenced drilling 8-30-, 1961 Finished drilling 9-9-, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5255 to 5315 (G) No. 4, from _____ to _____
No. 2, from 5315 to 5600 (G) No. 5, from _____ to _____
5600 to 5760 (G) No. 6, from _____ to _____
No. 3, 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"	<u>22.30</u>	<u>8 rd</u>	<u>H-40</u>	<u>279</u>	<u>Hawco</u>				<u>Surface</u>
7"	<u>20</u>	<u>8 rd</u>	<u>J-55</u>	<u>351</u>	<u>Baker</u>				<u>Intermediate</u>
4 1/2"	<u>10.5</u>	<u>8 rd</u>	<u>J-55</u>	<u>2268</u>	<u>Baker</u>				<u>Prod. liner</u>
2 3/8"	<u>4.7</u>	<u>8 rd</u>	<u>J-55</u>	<u>5746</u>	<u>Baker</u>				<u>Prod. tubing</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	<u>291</u>	<u>200</u>	<u>circulated</u>		
7"	<u>3663</u>	<u>150</u>	<u>single stage</u>		
4 1/2"	<u>3539-5807</u>	<u>260</u>	<u>single stage</u>		

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
<u>5600-08; 5618-26;</u>	<u>Frac Mesa Verde w/75,800 gallons water. BDP 600#, max pr 2800#.</u>					
<u>5640-48; 5666-74;</u>	<u>tr. pr 2000-2100-2200-2600-2800#.</u>				<u>IR 53.1 BPM.</u>	
<u>5682-90; 5736-44;</u>						

TOOLS USED

Rotary tools were used from 0 feet to 3664 feet, and from 3664 (Casing) to 5808 feet

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

DATES

9-28-, 1961 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 2,201,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1121 (tubing) A.O.F. 2647 MCF/D

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2615	2615	Tan to gry cr-grn ss interbedded w/gry sh.
2615	2720	105	Ojo Alamo ss. White cr-grn s.
2720	3090	370	Kirtland form. Gry sh interbedded w/tight fine-grn gry ss.
3090	3338	248	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3338	3500	162	Pictured Cliffs forms Gry, fine-grn, tight varicolored soft ss.
3500	5255	1755	Lewis form. Gry, fine-grn, dense sil ss.
5255	5315	60	Cliff House ss. Gry, fine-grn, dense sil ss.
5315	5600	285	Menefee form. Gry, fine-grn s, carb sh & coal.
5600	5760	160	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5760	5808	48	Mancos form. Gry carb sh.

NOV 4 1964

SECRET
SO-SERIALS ARE TO BE IMPROVED
BY THE BUREAU OF THE ARMY

DATE _____

This is a full-page image of a blank sheet of graph paper. The page features a uniform grid of small squares formed by thin black lines. The grid covers most of the page area, leaving margins at the top, bottom, and sides. There are no markings, text, or drawings on the paper.

THE HISTORY OF THE WORLD

PROCESSES INVOLVED

snots. If pings or bridges were put in to test for water, position, and results of pumping or bailing.

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 removed, give date, size, position, and number of sections. If the well has been dynamited, give date, size, position, and number of sections. If the well was "redracked" or left in the well, give its size and location.

HISTORY OF OIL OR GAS WELL

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