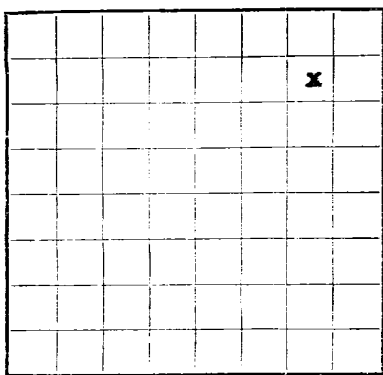


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **079319**
LEASE OR PERMIT TO PROSPECT

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 **Schwerdtfeger "A"** Field **Basin Dakota** State **New Mexico**
Well No. **17** Sec. **6** T. **27N** R. **8W** Meridian **N.M.P.M.** County **San Juan**
Location **910** ft. **S.** of **N.** Line and **1190** ft. **W.** of **E.** Line of **Section 6** Elevation **6485'**
(1000 ft. 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 **June 14, 1961**Title **Petroleum Engineer**

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

Commenced drilling **4-16**, 19**61** Finished drilling **5-11**, 19**61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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	32-3	8-14	A-40	288	BDWC				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	302	320	Circulated		

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

TOOLS USED

Rotary tools were used from **0** feet to **7256** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

P & A **5-12**, 19**61**

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 _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Arapahoe Drilling Company, Driller

_____, Driller

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Undev.	1804	1804	Ojo Alamo ss. White cr-grn s.
1804	2452	648	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2452	2675	223	Fruitland form. Gry carb sh, scattered coals.
2675	4314	1639	coals and gry, tight fine-grn ss.
4314	4940	626	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
4940	6127	1187	Cliff House ss. Gry, fine-grn, dense sil ss.
6127	7063	936	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
7063	7256	193	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg interbed sh.
			Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay and shale breaks.

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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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.

This well was plugged and abandoned in the following manner:

COPIES DESTROYED

125 sacks net from 6800 to 7230'.

75 sacks neat from 5100 to 5250

75 sacks nest from 4250-4400

75 sacks rest from 2650 to 2800'.

75 sacks rest from 1800 to 1950'

25 sacks neat from - to surface.

FOO OF CIT OF TWO MEN

GER 100-11-101507

DEBATEMENT OF THE HOUSE

DATE: 11/13/52

2. VAP and VAPC are the best predictors of the

[illegible]

1. 2770 (100%)