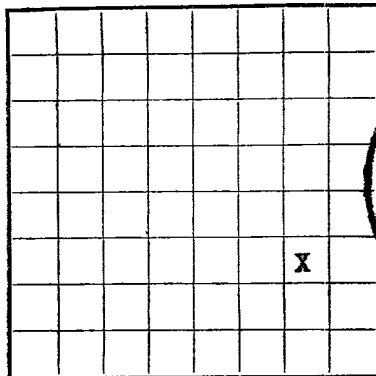
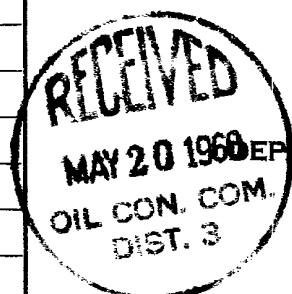


U. S. LAND OFFICE **Sante Fe**SERIAL NUMBER **078872-A**

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** Address **Box 997, Farmington, New Mexico**
Lessor or Tract **Alice Bolack** Field **W. Kutz Canyon** State **New Mexico**
Well No. **14** Sec. **15** T. **27N** R. **11W** Meridian **N.M.P.M.** County **San Juan**
Location **1650** ft. ^[N.] of **S.** Line and **990** ft. ^[W.] of **E** Line of **Sec 16** Elevation **6288'**
XXX (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. ORIGINAL SIGNED J.J. TILLERSON
Signed _____

Date **May 16, 1960** Title **Petroleum Engineer**

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

Commenced drilling **8-30-51**, 19____ Finished drilling **2-28**, 19 **60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1956** to **2080 (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—	
8 5/8"	29.3	8 Bd.	D.P.	1956					surface
5 1/2"	16.6	8 Bd.	D.P.	1958					prod.
4 1/2"	16.6	8 Bd.	D.P.	1959					prod. inner
1 1/2"	1.7	10 Bd.		1958					siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	108	90	circulated		
5 1/2"	1960	160	single stage		
4 1/2"	1942-2080	80	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 **2080** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 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 **1,150,000** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **263**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	851	851	Tan to gry cr-grn ss interbedded w/gry sh.
851	945	94	Ojo Alamo ss. White cr. grn s.
945	1956	1011	Kirtland form. Gry sh interbedded w/tight tight gry fine-grn ss.
1956	2080	124	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
FROM—	TO—	TOTAL FEET	FORMATION

