

U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **679489**LEASE OR PERMIT TO PROSPECT
14-08-001-1056

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **El Paso Natural Gas Company** Address **Box 997, Farmington, New Mexico**
Lessor or Tract **San Juan 30-4 Unit** Field **Wildcat** State **New Mexico**
Well No. **29** Sec. **24** T. **30N** R. **4W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1180** ft. **N** of **Line** and **1150** ft. **W** of **Line** of **Section 24** Elevation **7336'**
(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 **D. W. Meehan**

Signed

Date **November 3, 1958**Title **Petroleum Engineer**

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

Commenced drilling **9-10-**, 19 **58** Finished drilling **9-26-**, 19 **58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **0** to **10** No. 2, from **10** to **15**
No. 3, from **15** to **20** No. 4, from **20** to **25**
No. 5, from **25** to **30** No. 6, from **30** to **35**

IMPORTANT WATER SANDS

No. 1, from **0** to **10** No. 2, from **10** to **15**
No. 3, from **15** to **20** No. 4, from **20** to **25**
No. 5, from **25** to **30** No. 6, from **30** to **35**

CASING RECORD

Size casing	Weight per foot	Thickness per inch	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	Purpose
9 5/8"	32.5	8	3-55	121'	Hardy	121' to 0'			Surface
5 1/2"	15.5	8	3-55	121'	Hardy	121' to 0'			Running

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	131'	100	Circulated		
5 1/2"	4445'	200	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

TOOLS USED

Rotary tools were used from **135** feet to **4450'** feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **135** feet, and from _____ feet to _____ feet

DATES

P.A.A. 10-21-, 19 **58** 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 **P.A.A.** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3485	3485	Top to gry cr-grn ss interbedded w/gry sh.
3485	3700	215	Alamo ss. White cr-grn s.
3700	3980	280	Kirtland form. Gry sh interbedded w/tight gry fine-gra ss.
3980	4036	116	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-gra ss.
4036	4349	313	Pictured Cliffs form. Gry, fine-gra, tight, varicolored soft ss.
4349	4450	101	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

FORMATION RECORD—Continued

