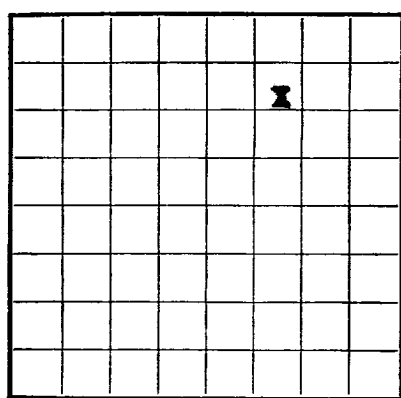
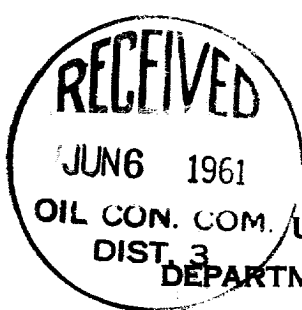




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **076194**
LEASE OR PERMIT TO PROSPECTOIL CON. COM. UNITED STATES
DIST. 3
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 **Ladwick** Field **Basin Dakota** State **New Mexico**
Well No. **18** Sec. **6** T **29N** R. **10W** Meridian **N.M.P.M.** County **San Juan**
Location **990** ft. **S** of **N** Line and **1780** ft. **W** of **E** Line of **Section 6** Elevation **5907**
(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 **R. G. MILLER**
Signed _____

Date **May 29, 1961** Title **Petroleum Engineer**

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

Commenced drilling **4-13-**, 19 **61** Finished drilling **5-4-**, 19 **61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4230** to **4317 (a)** No. 4, from **6583** to **6699 (a)**
No. 2, from **4317** to **4613 (a)** No. 5, from **6699** to **6953 (a)**
No. 3, from **4613** to **4718 (a)** No. 6, from **4718** to **5791 (a)**
No. 1, from **4718** to **5791 (a)** No. 7, from **5791** to **6198 (a)**
No. 2, from **6198** to **6583 (a)** No. 8, from **6583** to **6953 (a)**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
2 3/8"	4.7	8 rd.	J-55	6818					Prod & tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2 3/8"	301	380	circulated		
4 1/2"	6953	660	3 stages		

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 **6953** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

S.I. 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 **2,734,000** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **2842** **A.O.F. 3056 MCF/D**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1000	1000	San to gry cr-grn ss interbedded w/gry sh.
1000	1145	145	Ojo Alamo ss. Whit cr-grn s.
1145	1951	806	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1951	2290	339	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2290	2372	82	Pictured Cliffs form Gry, fine-grn, tight varicolored soft ss.
2372	4230	1858	Lewis formation. Gry, fine-grn, dense silt ss.
4230	4317	87	Cliff House ss. Gry, fine-grn, dense silt ss.
4317	4613	296	Manatee form. Gry, fine-grn s, carb sh & coal.
4613	4718	105	Point Lookout form. Gry, very fine silt ss w/frequent sh breaks.
4718	5791	1073	Manos formation. Gry carb sh.
5791	6198	407	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh.
6198	6583	330	Sanostee form. Brk gry calc very fine to fine gry ss w/calc veins w/irreg inter brk gry s.
6583	6699	55	Greenhorn form. Highly calc gry sh w/thin lmt.
6699	6953	116	Sanos form. Brk gry sh, fossil & carb w/rite
		254	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/rite incl thin sh bands clay & shale breaks.
FROM—	TO—	TOTAL FEET	FORMATION

(OVER)
FORMATION RECORD—Continued

16-48594-4