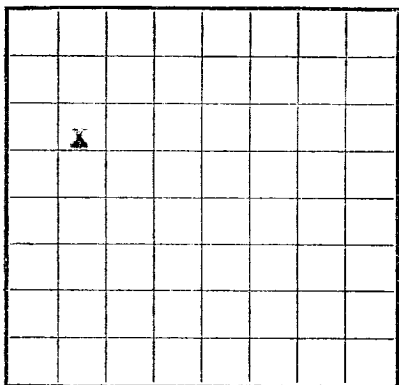
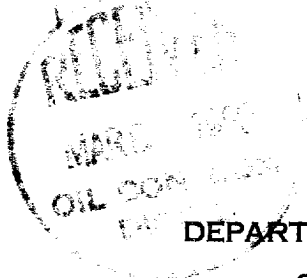




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 077961
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Muerfano Unit Field Angel Peak Gallup Ext. State New Mexico
Well No. 108(GD) Sec. 1 T. 26N R. 10W Meridian N.M.P.M. County San Juan
Location 1650 ft. S. of N Line and 1040 ft. E. of W Line of Section 1 Elevation 6635
(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
SignedDate March 4, 1960Title Petroleum Engineer

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

Commenced drilling 10-23, 1959 Finished drilling 11-13, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2315 to 2403 (G) No. 4, from 6724 to 6802 (G)
No. 2, from 3896 to 4864 (G) No. 5, from 6802 to 7004 (G)
No. 3, from 5810 to 6334 (G) No. 6, from 6674 to 6724

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—	
10 3/4	32.75	8 BA.	J-55	315	None	Surface			Surface
7"	26.25	8 BA.	J-55	704	None	Prod. Tbg.			Prod. Tbg.
2"	4.7	8 BA.	J-55	6836					Prod. Tbg.
2"	4.7	8 BA.	J-55	6205					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	334	315	Circulated		
7"	704	502	Two Stage		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size Baker Model "D" Packer at 6280'

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 7048 feet, and from feet to feet

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

DATES

..... 12-24, 1959 Put to producing, 19.....The production for the first 23 hours was 32.4 barrels of fluid of which 100% was oil;% emulsion;% water; and% sediment. Gravity, °Bé.If gas well, cu. ft. per 24 hours 0-1,079,000 Gallons gasoline per 1,000 cu. ft. of gasRock pressure, lbs. per sq. in. 0-1154; D-1889 A.O.F. = Gallup-1227; Dakota 5437 MCF/D
EMPLOYEES

....., Driller Driller

....., Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1344	1344	Tan to gry cr-grn ss interbedded w/gry sh.
1344	1512	168	Ojo Alamo ss. White cr-grn s.
1512	2024	512	Kirtland form. Gry sh interbedded w/tight gry f1 gine-grn ss.
2024	2315	291	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2315	2403	88	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2403	3896	1493	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
3896	3964	68	Cliff House ss. Gry, fine-grn, dense sil ss.
3964	4739	775	Manefee form. Gry, fine-grn s, carb sh & coal.
4739	4864	125	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
4864	5810	946	Mancos formation. Gry carb sh.
5810	6334	524	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh.
6334	6674	340	Sanastee form. Drk gry calc very fine to fine gry ss w/calc veins w/irreg inter drk gry s.
6674	6724	50	Greenhour form. Highly calc gry sh w/thin lmst.
6724	6802	78	Graneros form. Dk gry shale, fossil & carb w/pyrite incl.
6802	7004	202	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay shale breaks.
7004	7048	44	Marion form. Interbed grn brn & blk waxy sh & fr to cr grn sd.

