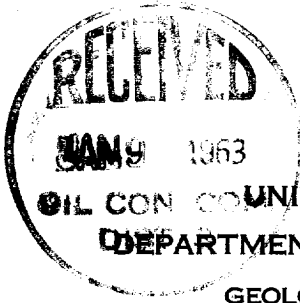




U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078518-A**
LEASE OR PERMIT TO PROSPECT _____

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **El Paso Natural Gas Company** Address **Box 990, Farmington, New Mexico**
Lessor or Tract **Huerfano Unit** Field **Basin Dakota** State **New Mexico**
Well No. **137** Sec. **31** T. **26N** R. **9W** Meridian **N.M.P.M.** County **San Juan**
Location **1657** ft. **N** of **S** Line and **1600** ft. **EX** of **E** Line of **Section 31** Elevation **6653**
(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 H.E. McANALLY
Signed _____
Date **January 8, 1963** Title **Petroleum Engineer**

The summary on this page is for the condition of the well at above date.
Commenced drilling **10-25-**, 19 **62** Finished drilling **11-5-**, 19 **62**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **5498** to **6467 (G)** No. 4, from _____ to _____
No. 2, from **6467** to **6576 (G)** No. 5, from _____ to _____
No. 3, from **6576** to **6770 (G)** 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"	43.5	8 rd	H-80	312	MONCO				Surface
5 1/2"	15.5	8 rd	J-55	6758	Baker				Prod casing
2 3/8"	4.7	8 rd	J-55	6644	Baker				Prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	327	232	circulated		
5 1/2"	6770	400	2 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
Perf 6532-38; 6586-92; 6608-14; 6628-34; 6693-99(2 SFF);						
sand. Flush w/6700 gallons water. IR 43.4 BPM. Max pr 3800#, BDP 2000#, tr pr 2600-3800#, 4 drops of 12 balls.						

TOOLS USED

Rotary tools were used from **0** feet to **6770** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

11-27-, 19 **62** 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 **6,027,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **19.52 csg.** **A.O.F. 8282**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1123	1123	Tan to gry cr-grn ss interbedded w/gry sh.
1123	1298	175	Ojo Alamo ss. White cr-grn s.
1298	1851	353	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1851	2063	212	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2063	2140	77	Pictured Cliffs forms. Gry, fine-grn, tight, varicolored soft ss.
2140	3646	1506	Lewis form. Gry, fine-grn, dense sil ss.
3646	3669	23	Cliff House ss. Gry, fine-grn, dense sil ss.
3669	4431	762	Menefee form. Gry, fine-grn s, carb sh & coal.
4431	4601	170	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
4601	5498	897	Mancos form. Gry carb sh.
5498	6418	920	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg interbed sh.
6418	6467	49	Greenhorn form. Highly calc gry sh w/thin lmt.
6467	6576	109	Graneros form. Dk gry shale, fossil & carb w/prite incl.
6576	6770	194	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bands clay & shale breaks.

JUL 20 1964

1 00 750 77 1 178 77 26

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 balling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-53094-2

FROM-	TO-	TOTAL FEET	FORMATION
			1. 0-10' Sandstone, medium to coarse grained, well sorted, no bedding, no fossils. 2. 10-20' Sandstone, medium to coarse grained, well sorted, no bedding, no fossils. 3. 20-30' Sandstone, medium to coarse grained, well sorted, no bedding, no fossils. 4. 30-40' Sandstone, medium to coarse grained, well sorted, no bedding, no fossils. 5. 40-50' Sandstone, medium to coarse grained, well sorted, no bedding, no fossils. 6. 50-60' Sandstone, medium to coarse grained, well sorted, no bedding, no fossils. 7. 60-70' Sandstone, medium to coarse grained, well sorted, no bedding, no fossils. 8. 70-80' Sandstone, medium to coarse grained, well sorted, no bedding, no fossils. 9. 80-90' Sandstone, medium to coarse grained, well sorted, no bedding, no fossils. 10. 90-100' Sandstone, medium to coarse grained, well sorted, no bedding, no fossils.