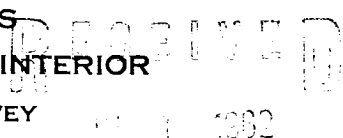


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **077107-A**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
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 **Hancock "B"** Field **Basin Dakota** State **New Mexico**
Well No. **6** Sec. **22** T. **28N** R. **9W** Meridian **N.M.P.M.** County **San Juan**
Location **1500** ft. **N** of **S** Line and **990** ft. **E** of **W** Line of **Section 22** Elevation **6945**
~~XXX~~ ~~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 **D. W. Mahan**
Signed _____

Date **July 10, 1962** Title **Petroleum Engineer**

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

Commenced drilling **5-22-62**, 19 **62** Finished drilling **6-14**, 19 **62**

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

No. 1, from **7506** to **7625 (G)** No. 4, from _____ to _____
No. 2, from **7625** to **7800 (G)** 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—	
9 5/8"	36	8 rd	H-40	274	Baker				Surface
7"	23	8 rd	N-80, J-55	5420	Howco				Intermediate
4 1/2"	11.6, 10.5	8 rd	J-55	7788	Howco				Prod. casing
2 3/8"	4.7	8 rd	J-55	7761	HOWCO				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"	289	200	circulated		
7"	5431	175	single stage		
4 1/2"	7798	250	2 stage		
			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
7579-83; 7618-22; 7634-38; 7698-7702; 7724-30; 7744-48 (2 BPF) Frac w/100,000 gallons water, 70,000# sand. Flush 5130 gallons I.R. 43 BPM. Max pr 3500#, BDP 1100#, tr pr 2300-2400-2600-2700 -3000-3500#. 6 drops of 12 balls.						

TOOLS USED

Rotary tools were used from **0** feet to **7800** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

6-26-, 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 **2,216,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1921 esg.** **A.O.F. 2341 MCF/D**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2161	2161	Tan to gry cr-grn ss interbedded w/gry sh.
2161	2287	126	Ojo Alamo ss. White cr-grn s.
2287	2948	661	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2948	3183	235	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3183	3254	71	Pictured Cliffs forms Gry, fine-grn, tight, varicolored soft ss.
3254	4831	1577	Lewis form. Gry, fine-grn, dense sil ss.
4831	4867	36	Cliff House ss. Gry, fine-grn, dense sil ss.
4867	5475	608	Menefee form. Gry, fine-grn s, carb sh & coal.
5475	5669	194	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5669	6616	947	Mancos form. Gry carb sh.
6616	7441	825	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg interbed sh.
7441	7506	65	Greenhorn form. Highly calc gry shw/thin lmst.
7506	7625	119	Graneros form. Dk gry sh, fossil & carb w/prite incl.
7625	7800	175	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bands clay & shale breaks.

