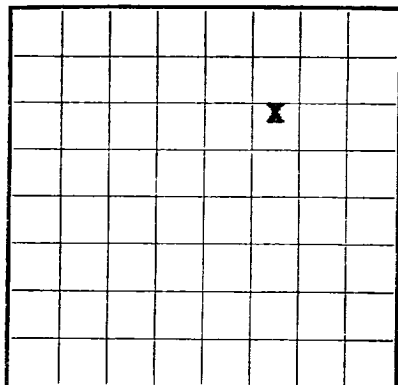


U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **03404-A**
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

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 **San Juan 31-6 Unit** Field **Blanco Mesa Verde** State **New Mexico**
Well No. **22** Sec. **5** T. **30-N** R. **6-W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1830** ft. **XXX** of **N** Line and **1770** ft. **XX** of **E** Line of **Section 5** Elevation **6416**
(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.

Signed **D. W. Meehan**Date **July 28, 1961**Title **Petroleum Engineer**

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

Commenced drilling **6-27-**, 19 **61** Finished drilling **7-5-**, 19 **61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3320** to **3413 (G)** No. 4, from **5610** to **5784 (G)**
No. 2, from **5228** to **5327 (G)** No. 5, from _____ to _____
No. 3, from **5327** to **5610 (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"	297	8	J-55	5731					prod tubing
7"	254	8	J-55	150					
4 1/2"	95	8	J-55	270					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	297	260	circulated		
7"	354	150	single stage		
4 1/2"	347-5845	270	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
5567-77; 5613-82; 5641-49	Free Mesa Verde w/54,600 gal water, 55,000# sand. Flush					
5676-84; 5706-14; 5720-28;	w/15,422 gal water. I.R. 40 BEN. max pr 3150#, BHP 2900#,					
5756-54;	tr pr 1800-3000					

TOOLS USED

Rotary tools were used from **0** feet to **3547** feet, and from **3547** feet to **5845** feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

7-8-, 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 **3,508,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **114**EMPLOYEES **A.O.F. - 3735**

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3320	3320	Not logged
3320	3413	93	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3413	5228	1815	Lewis form. Gry, fine-grn, dense sil ss.
5228	5327	99	Cliff House ss. Gry, fine-grn, dense sil ss.
5327	5610	283	Manatee form. Gry, fine-grn s, carb sh & coal.
5610	5784	174	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5784	5845	61	Manos form. Gry carb sh.

