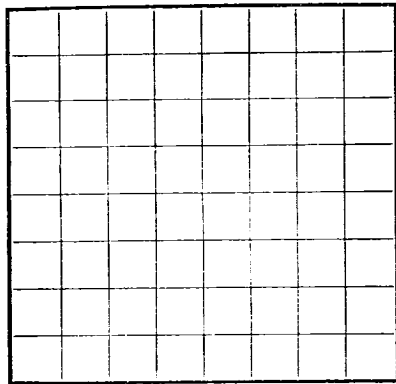
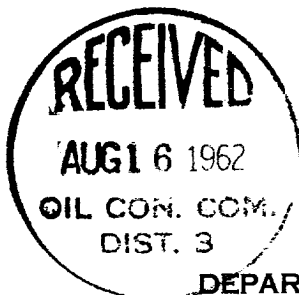




LOCATE WELL CORRECTLY



UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. LAND OFFICE ~~santa Fe~~SERIAL NUMBER ~~078410~~

LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company ~~El Paso Natural Gas Company~~ Address ~~Box 990, Farmington, New Mexico~~Lessor or Tract ~~San Juan 29-5 Unit~~ Field ~~Blanco M. V.~~ State ~~New Mexico~~Well No. ~~21~~ Sec. ~~8~~ T. ~~29N~~ R. ~~5W~~ Meridian ~~N.M.P.M.~~ County ~~San Juan~~Location ~~1650~~ ft. ~~(N)~~ of ~~1550~~ ft. ~~(E)~~ of ~~W~~ Line of ~~Sec. 8~~ Elevation ~~6650~~
~~1550~~ ft. ~~(S)~~ of ~~1550~~ ft. ~~(W)~~ of ~~W~~ Line of ~~Sec. 8~~ (Derrick floor relative)

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 Original Signed D. W. Meehan

Date ~~August 13, 1962~~ Title ~~Petroleum Engineer~~

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

Commenced drilling ~~6-14~~, 19-~~62~~ Finished drilling ~~6-27~~, 19-~~62~~

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ~~5401~~ to ~~5481 (G)~~ No. 4, from _____ to _____No. 2, from ~~5481~~ to ~~5764 (G)~~ No. 5, from _____ to _____No. 3, from ~~5764~~ to ~~5875 (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	32.3	8 BA.	J-55	200	MONCO				Surface
7	20	8 BA.	J-55	3712	MONCO				Intermediate
4 1/2	10.5	8 BA.	J-55	2262	MONCO				Liner
1 1/4		8 BA.	J-55	3006	MONCO				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	292	200	Circulated		
7	3783	150	Single Stg		
4 1/2	3686-5945	220	Single Stg		

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. 5860-64, 5841-45, 5806-10, 5786-90, 5783-87 w/4 SPW fractured w/81,850 gallons water, 57,000 sand, flushed w/8400 gallons. I.R. 44.2 BPM, Max. pr. 2850, BDP 1000 - 650#, tr. pr. 1450-1850-2800#. Dropped 1 set of 12 balls & 1 set of 24 balls.						

TOOLS USED

Rotary tools were used from ~~0~~ feet to ~~5945~~ feet, and from _____ feet to _____ feet

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

DATES

_____ 7-20 _____, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ~~5,322,000~~ 1058 Tubing A.O.F. = 6421 MCF/D

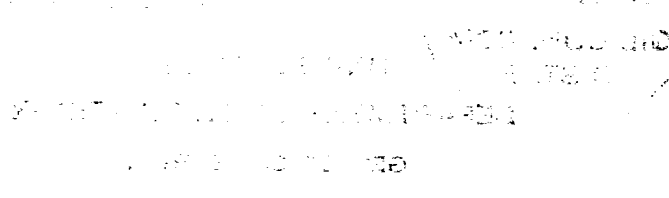
EMPLOYEES

Brinkerhoff Rig #10 _____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2767	2767	Tan to gry cr-grn ss interbedded w/gry sh.
2767	2897	130	Ojo Alamo ss. White cr-grn s.
2897	3264	367	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3264	3589	325	Fruitland form. Gry carb sh, scattered coals, coals, and gry, tight, fine-grn ss.
3589	3684	95	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3684	5401	1717	Lewis formation Gry to white dense sh w/silty to shaly ss breaks.
5401	5481	80	Cliff House ss. Gry, fine-grn, dense sil ss.
5481	5764	283	Maneefee form. Gry, fine-grn s, carb shale & coal.
5764	5875	111	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5875	5945	70	Mancos formation. Gry carb sh.

(OVER)



HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

FORMATION RECORD—Continued