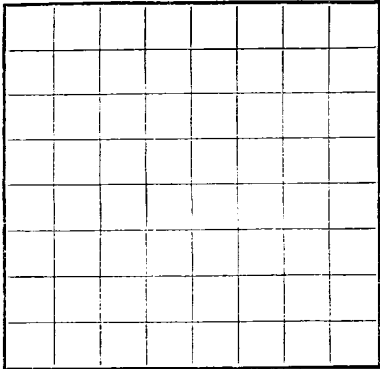




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078951**
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 Bolin Field Blanco Mesa Verde State New Mexico
Well No. 2(OWWO) Sec. 5 T. 29N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. N of S Line and 990 ft. E of W Line of Section 5 Elevation 6112
(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 _____
Date January 18, 1963 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.
Commenced drilling 1-31, 19 53 Finished drilling 4-3, 19 53

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

No. 1, from 3075 to 4875 (G) No. 4, from _____ to _____
No. 2, from 4875 to 5066 (G) No. 5, from _____ to _____
No. 3, from 5066 to 5327 (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—	
10 3/4"	32.75	8 rd	H-40	120	Howco				Surface
"	23.22, 20	8 rd	J-55	4490	Baker				Intermediate
4 1/2"	10.5	8 rd	J-55	5267	Baker				Prod casing
2 3/8"	4.7	8 rd	J-55	5199					Prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	130	150	circulated		
"	4500	300	single		
4 1/2"	5277	200	single		

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
See Attached Sheet						

TOOLS USED

Rotary tools were used from 0 feet to 5327 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

12-13, 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 3,343,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 895 csg. A.O.F. 5676 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2069	2069	
2069	2635	566	Kirtland
2635	2905	270	Fruitland
2905	3012	107	Pictured Cliffs
3012	4875	1863	Lewis
4875	5066	190	Menefee
5066	5327	261	Point Lookout

FORMATION RECORD—Continued

[illegible]

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 bailing.

WELL COMPLETION LOG

Form 21-5 (Rev. 2-62)

Bolin No. 2 Workover

(Show details of tubular goods, bottom hole accessories, DST's, Cores, Deviations, and General Chronological History).

11-18-62 S. S. Reames Well Service rigged up.
12-1-62 Fished out 6 drill collars. 139 jts. drill pipe, 20 ft.
Kelly.
12-2-62 Cleaned out open hole.
Ran 166 jts 4 1/2" 10.5# casing (5267') set at 5277'. Cemented w/200 sacks
50-50 Pozmix-El Toro"35", 1/4 cu. ft. Strata-Crete"6"/sk., 1/4# flocele/sk.
12-3-62 Top of cement 2840'.
12-4-62 Perf 5220-26(2 SPF);5142-48(2 SPF);5110-22;(1 SPF);5090-96;5068-74(2 SPF);
Frac w/60,000 gallons water, 50,000# sand. IR 43.6 BPM. Max pr 3900#,
BDP 1800#, 4 drops of 12 balls.
Set Bridge plug 4750'.
Perf 4724-30;4696-4702;4672-78;4652-58;(2 SPF);
Frac w/48,000 gallons water, 40,000# sand. IR 33.8 BPM. BDP 1500#,
max pr 3800#, 3 drops of 12 balls.
12-5-62 Blowing well.
12-6-62 Ran 167 jts 2 3/8" J-55(5187') set at 5199'. Shut in for test.
12-13-62 Date well was tested.