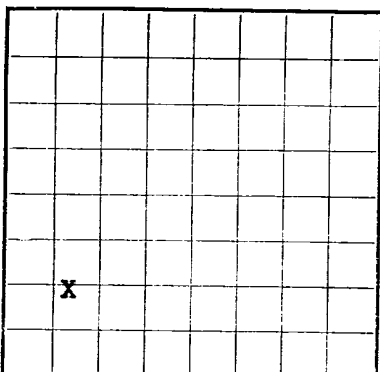




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078416
LEASE OR PERMIT TO PROSPECT
RECEIVED
JAN 17 1955
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

CORRECTED COPY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Hardie Field Blanco State New Mexico
Well No. 2-A Sec. 24 T. 29N R. 8W Meridian NMPM County San Juan
Location 990 ft. N of S Line and 990 ft. E of W Line of Section 24 Elevation 6362'
(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 17, 1955Title Petroleum Engineer

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

Commenced drilling October 9, 1953 Finished drilling October 27, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3005 to 3055 (G) No. 4, from 5184 to 5347 (G)
No. 2, from 4642 to 4796 (G) No. 5, from _____ to _____
No. 3, from 4796 to 5184 (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	25.4	8 W.	Armco	161'	Armco				Surface
7	23	8 RD	J-55	2030'	Butter				
7	20	8 RD	J-55	281'					
5	16	8 RD	J-55	750'					
2	4.7	8 RD	Youngstown	5216					Prod. log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	173	125	Circulated		
7	4603	500	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
At.	Reg.	S.N.G.	1950	10-27-53	4647-5347	5347

TOOLS USED

Gas Drilling

Rotary tools were used from 0 feet to 4603 feet, and from 4603 feet to 5347 feet

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

DATES

November 21, 1954 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 1,940,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 731

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	410	410	Tan cr-grn ss w/thin sh breaks.
410	915	505	Variegated sh w/thin ss breaks.
915	1967	1052	Tan to gry cr-grn ss interbedded w/gry sh.
1967	2158	191	Ojo Alamo ss. White cr-grn s. Top 1967'.
2158	2687	529	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss. Top 2158'.
2687	3005	318	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss. Top 2687'.
3005	3055	50	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss. Top 3005'.
3055	4642	1587	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks. Top 3055'.
4642	4796	154	Cliff House ss. Gry, fine-grn, dense sil ss. Top 4642'.
4796	5184	388	Menefee form. Gry, fine-grn s, carb sh and coal. Top 4796'.
5184	5347	163	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks. Top 5184'.

