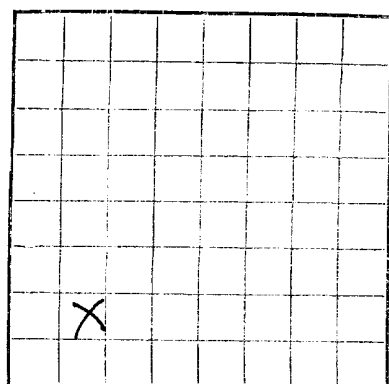


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 077951-A
LEASE OR PERMIT TO PROSPECT

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 997 Farmington, New Mexico
Lessor or Tract Rowley Field Fulcher-Kutz State New Mexico
Well No. 2-D Sec. 27 T. 27 N. R. 10 Meridian N.M.P.M. County San Juan
Location 790 ft. (N.) of S. Line and 790 (E.) of W. Line of Section 27 Elevation 6158
(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 [Signature]Date June 24, 1953 Title Petroleum Engineer

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

Commenced drilling March 23, 19 53 Finished drilling May 24, 19 53

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1881 to 1941 (G) No. 4, from _____ to _____
No. 2, from _____ to _____ 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—	
8 5/8	24.7	8 RD	SPANG	151'	BAKER				Surface
5 1/2	17.7	8 RD	SPANG	1857'	BAKER				Prod. Csg.
1"	1.68	8 RD	STANDARD	1941'	OIL OR GAS				Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	157'	125	Circulated		
5 1/2	1885'	150	Ring 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
Quart	Regular	S. N. G.	140	5-23-53	1885-1941	1941

TOOLS USED

Rotary tools were used from _____ feet to 1885 feet, and from _____ feet to _____ feet
Cable tools were used from 1885 feet to 1941 feet, and from _____ feet to _____ feet

DATES

_____, 19 53 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 458,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 518

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	270	270	Tan cr-grn ss w/thin sh breaks.
270	575	305	Variegated sh w/thin ss breaks.
575	892	317	Tan to gry cr-grn ss interbedded w/gry sh.
892	1020	128	Ojo Alamo ss. Wn cr-grn s. Top Ojo Alamo 892.
1020	1597	577	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 1020.
1597	1881	284	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 1597.
1881	1941	60	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 1881.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

There is a significant positive correlation between the number of years of education and the number of years of experience in the field of education. The correlation coefficient is 0.75, which is statistically significant at the 0.05 level.

MR. JAMES M. HARRIS

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 for test or water, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

FORMATION	TOTAL FEET	TO-	FROM-
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