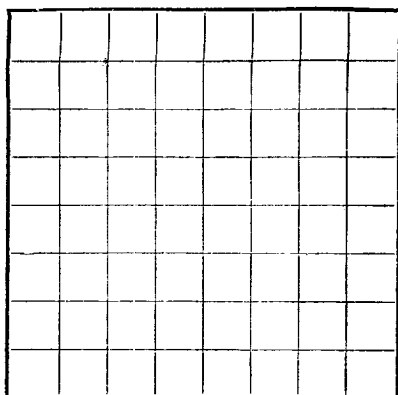


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078205
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Co. Address P.O. Box 997 Farmington
Lessor or Tract Stewart Field Astec Pool State New Mexico
Well No. 1-A Sec. 32 T. 30N R. 10W Meridian N.M.P.M. County San Juan
Location 790 ft. N. of N Line and 790 ft. E. of W Line of Section 32 Elevation 6028'
(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.

Original Signed E. J. Coel
SignedDate January 30, 1953Title Petroleum Engineer

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

Commenced drilling November 20, 19 52 Finished drilling December 27, 19 52

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2431 to 2522 (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 1112 to 1261 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	Regrouted	Purpose
8 5/8	24.4	8	Spang	99'	HOWCO			Surface
5 1/2	15.54	8	Spang	2427'	HOWCO			Prod. cas.
1"	1.68	8	Yonkers	2532'				Prod. tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	107'	75	circulated		
5 1/2	2435'	150	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
Quart	Regular	S.N.C.	240	12-27	2436-2532	2532'

TOOLS USED

Rotary tools were used from 0 feet to 2435 feet, and from feet to feet
Cable tools were used from 2435 feet to 2532 feet, and from feet to feet

DATES

January 2, 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 1,670,000 Gallons gasoline per 1,000 cu. ft. of gasRock pressure, lbs. per sq. in. 619

EMPLOYEES

....., Driller Driller
....., Driller Driller

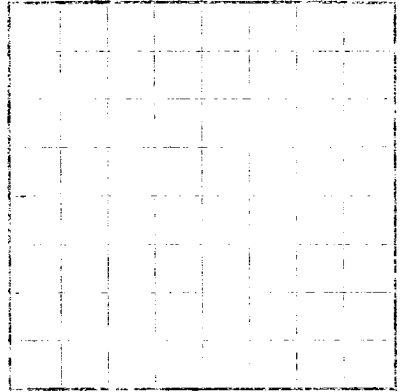
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	360	360	Tan coarse-grn ss w/ thin sh breaks.
369	936	576	Variegated sh w/ ss breaks.
936	1112	176	Tan to gry coarse-grn ss interbedded w/ gry sh
1112	1261	149	Ojo Alamo ss. White coarse-grn sand. Top Ojo Alamo 1112.
1261	2098	837	Kirtland formation. Gry sh interbedded w/ tight gy fine-grn ss. Top Kirtland 1261.
2098	2431	333	Fruitland formation. Gry carb. sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 2098.
2431	2522	91	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 2431.
2522	2532	10	Lewis formation. Gry to white dense sh w/ silty to shaly ss breaks. Top Lewis 2522.

U.S. Land Office
State of Texas
County of Tarrant
District of Columbia

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company Name
Address
State
County
Location
The information given here is a complete and correct record of the well and all work done in the well as far as can be determined from all available records.
Signed
Original signed E. J. Cook

Date
The summary on this page is for the condition of the well as above data
Continued drilling

OIL OR GAS SANDS OR ZONES
(Check one or more)

No. 1 from
No. 2 from
No. 3 from

IMPORTANT WATER SANDS

No. 1 from
No. 2 from

CASING RECORD

Size of casing	Length of casing	State	Amount	Kind of pipe	Notes

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and in 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 pipes or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD

Size of mud	Amount of mud	Kind of mud	Notes

TOOLS AND ADAPTERS

Adapter—
Tool—

SHOOTING RECORD

Size of shot	Amount of shot	Kind of shot	Notes

TOOLS USED

Rotary tools were used from
Cable tools were used from

DATES

Put to producing
The production for the first 24 hours was
Casing was set in
Block pressure was set at

EMPLOYEES

Driller
Helper

FORMATION RECORD

Formation	Depth	Notes