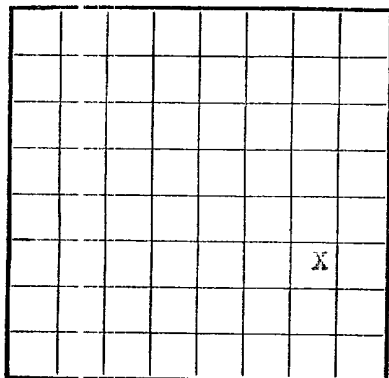


U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **079232**

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 **Bolack** Field **So. Blanco** State **New Mexico**
Well No. **4-C** Sec. **29** T. **27N** R. **8W** Meridian **NMPM** County **San Juan**
Location **1636** ft. **(N.)** of **S** Line and **600** ft. **(W.)** of **E** Line of Section 29 Elevation **6309'**
(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 **Original Signed W. F. Cover**Date **November 6, 1956**Title **Petroleum Engineer**

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

Commenced drilling **9-2-56**, 19____ Finished drilling **9-5-56**, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2315** to **2385 (G)** No. 4, from _____
No. 2, from _____ to _____ No. 5, from _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____
No. 2, from _____ to _____ No. 4, from _____

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	P.E.	S.W.	121'	Howco				Surface
5 1/2"	15.5	8 RD	J-55	2399'	Baker				Prod. Logs
HISTORY OF CUT OR CVD MET									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	131'	100	Circulated		
5 1/2"	2409'	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

TOOLS USED

Rotary tools were used from **0** feet to **2409** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

10-22-56, 19____ 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 **387,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock or _____ lb. per cu. in. _____

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

[illegible]

LOCATE WEST COAST

The information may be available in a number of places and all were checked:

Location of the U.S. Coast Guard and Navy at San Francisco and San Diego

Well Noted U.S. Coast Guard and Navy at San Francisco and San Diego

Person or Third Party U.S. Coast Guard and Navy at San Francisco and San Diego

Company or Third Party U.S. Coast Guard and Navy at San Francisco and San Diego

Approved by the Board of Directors

Journal of Management Studies, 19(6), 701-718.

2000-10-16 12:00:00



on 10-21-56 I.D. 2469. C.O.D. 2350. Part. casing with 1 1/2 cels. it.
 2315-2360. water fractured thin beds. when 38,500 gallons water & 40,000
 sand. HPI 2600, 1400, (one pump) Max. PI. 1400, 48. str. PI. 1100. I.R.
 43.3 BHM. FIRM with 3360 gallons water.

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.

HISTORY OF OIL OR GAS WELL

10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]