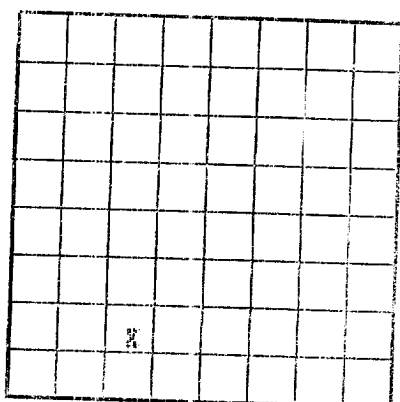


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 077137-B
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company E. Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Hickman Field Blanco-La Plata State New Mexico
Well No. _____ Sec. 15 T. 28 N. R. 24 Meridian N. M. & H. County Santa Fe
Location 220 ft. [N.] of 1/2 Line and 125 ft. [E.] of 1/2 Line of Section 15 Elevation _____
(Denote 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 _____ Title Geological EngineerDate December 4, 1952

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

Commenced drilling March 20, 1952 Finished drilling July 27, 1952OIL OR GAS SANDS OR ZONES
(Denote gas by G)No. 1, from 1212 to 2345 (G) No. 4, from 4442 to 4631 (G)
No. 2, from 1212 to 3363 (G) No. 5, from _____ to _____
No. 3, from 3363 to 4442 (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—	
3-1/2	32.75	8	Spring	101.49	IRVING				Surf casing
2-1/2	15.7	6	Spring	30.6	IRVING				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3-1/2	101	150	CIRCULATED		
2-1/2	3-37	300	SINGLE PLUG		

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
2-1/2	Regular	330	1040	7-27	3371-463	4632

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from Gas 3371 to 463 feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from 3371 feet to 463 feet

DATES

_____, 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 214,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1061

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	445	445	tan coarse-grn. ss. w/ thin sh. breaks.
445	725	280	Varieg. sh. w/ thin ss. breaks.
725	1250	525	tan to gry. coarse grn. ss. interbedded w/ grey. sh.
1250	1363	113	60 Alamo ss. wh. coarse-grn. sand. 1/3 to 1/2 in.
1363	2110	747	fractured fm. Gry. sh. interbedded w/ fine-grn. ss.
2110	2212	102	fine-grn. ss. 1/4 to 1/2 in. 1363.
2212	2345	133	fractured fm. Gry. carb. shales, scattered sand
2345	2442	97	6 5/8", tight, fine-grn. ss. 2/3 to 1/2 in. 2110.
2442	3362	920	fractured cliffs fm. Gry., fine-grn., tight, carb.
3362	4442	1080	colored soft ss. 1/4 to 1/2 in. 2212.
4442	4631	189	Lewis fm. Gry. to wh. dense sh. w/ stily to shaly
			ss. breaks. 1/4 to 1/2 in. 2442.
			Cliff House fm. Gry., fine-grn., dense sil. ss.
			1/4 to 1/2 in. 3362.
			Manatee fm. Gry., fine-grn. sands, carb. shales
			& coal. 1/4 to 1/2 in. 3362.
			Point Lookout fm. Gry., very fine sil. ss. w/
			frequent shale breaks. 1/4 to 1/2 in. 4442.

FORMATION RECORD--Continued

[illegible]

HISTORY OF OIL OR GAS WELL

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.