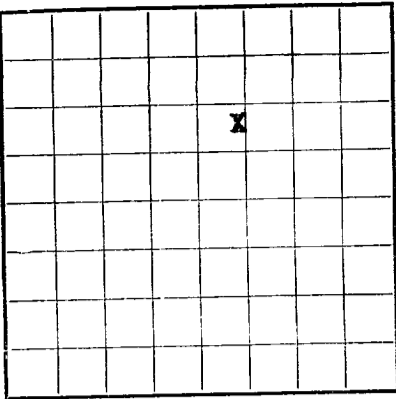


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079265
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Klein Field No. Blanco P.C. State New Mexico
Well No. 2 Sec. 33 26N R. 6W Meridian NMPM County Rio Arriba
Location 1800 ft. N of N Line and 1560 ft. W of W Line of Section 33 Elevation 6805'
(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 School Schuler
Title Petroleum Engineer

Date October 15, 1954

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

Commenced drilling September 3, 1954 Finished drilling September 17, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2965 to 3025 (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	Perforated		Purpose
						From	To	
9 5/8	25.4	SW	Arco	96	Arco			Surface
5 1/2	15.5	8 RD	Std. Blk.	3021				rod, 1/2 in.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	107	125	Circulated		
5 1/2	2960	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
See Well History						

TOOLS USED

Rotary tools were used from 0 feet to 2960 feet, and from _____ feet to _____ feet
Cable tools were used from 2960 feet to 3025 feet, and from _____ feet to _____ feet

DATES

September 19, 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 1,081,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 838

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	605	605	Tan cr-grn ss w/thin sh breaks.
605	1028	423	Variegated sh w/thin ss breaks.
1028	2248	1220	Tan to gry cr-grn ss interbedded w/gry sh.
2248	2466	218	Ojo Alamo ss. White cr-grn s.
2466	2678	212	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss.
2678	2965	287	Fruitland formation. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2965	3025	60	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.

TYPE
Ojo Alamo 2248
Kirtland 2466
Fruitland 2678
Pictured Cliffs 2965

