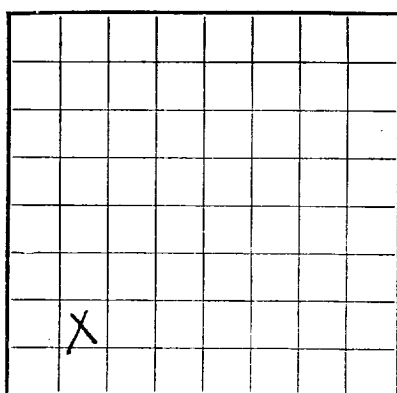




LOCATE WELL CORRECTLY

Santa Fe
U. S. LAND OFFICE
SERIAL NUMBER 079511
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

JUN 13 1953

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997 Farmington, New Mexico
Lessor or Tract Howell Field Blanco State New Mexico
Well No. 1-M Sec 30 T. 30 R. 8 Meridian N. M. P. M. County San Juan
Location 990 ft. ^[N.] of S Line and 990 ft. ^[E.] of W Line of Section 30 Elevation 5763
(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 Ewell N. N. N.Date June 10, 1953 Title Petroleum Engineer

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

Commenced drilling May 5, 19 53 Finished drilling May 17, 19 53

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2450 to 2525 (G) No. 4, from _____
No. 2, from 4038 to 4726 (G) No. 5, from _____
No. 3, from _____ to _____ No. 6, from _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____
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—	
9 5/8	25.4	8	S. W.	162'	Armed				Surface
7	14.0	8	S. W.	4022	Armed				Production
2"	4.7	8	Youngst.	4790					Prod. Log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	175	125	Circulated		
7"	4022	300	Sing. 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. M. G.	1540	5-17	4023-4830	4790

TOOLS USED

Gas Circulation

Rotary tools were used from 0 feet to 4022 feet, and from 4022 feet to 4830 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

5-18, 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 5,690,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1052

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	494	494	Tan cr-grn ss w/thin sh breaks.
494	1014	520	Variegated sh w/thin ss breaks.
1014	1366	352	Tan to gry cr-grn ss interbedded w/gry sh.
1366	1463	97	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 1366.
1463	2080	617	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 1463.
2080	2450	370	Fruitland formation. Gry carb sh, scattered coal and gry, tight, fine-grn ss. Top Fruitland 2080.
2450	2525	75	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 2450.
2525	4038	1513	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 2525.
4038	4225	187	Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 4038.
4225	4646	421	Manefee formation. Gry, fine-grn s, carb sh and coal. Top Manefee 4225.
4646	4726	80	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Top Point Lookout 4646.
4726	4830	104	Mancos formation. Gry carb sh. Top Mancos 4726

