Form 9-330

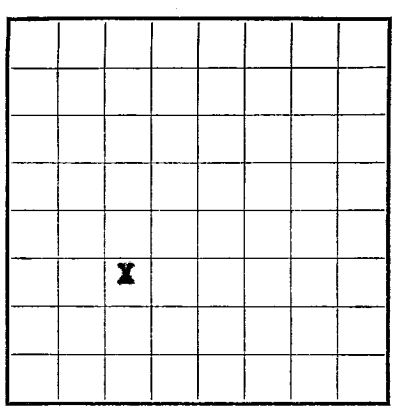
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 08707
LEASE OR PERMIT TO PROSPECT

RECEIVED APR 24 1958 OIL CON. COM. DIST.

APR 23 1958 U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Bolack Field Wildcat State New Mexico
Well No. 1-F Sec. 1 T. 30N R. 12W Meridian N.M.P.M. County San Juan
Location 1650 ft. [N.] of S Line and 1790 ft. [E.] of W Line of Section 1 Elevation 5740'
(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 D. C. Johnston
Date April 18, 1958 Title Petroleum Engineer

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

Commenced drilling 2-15-58, 19 Finished drilling 2-20, 1958

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 1723 to 2120 (G) No. 4, from to
No. 2, from 2120 to 2208 (G) 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	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8 5/8"	24	8 Rd.	J-55	121'	Howco				Surface
5 1/2"	15.5	8 Rd.	J-55	2220'	Baker				Prod. csg.
1 1/4"	2.4	8 Rd.	Grade "A"	1851'					Siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	131'	100	circulated		
5 1/2"	2220'	150	single stage		

FOLD MARK

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 2224 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

3-30, 58 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 3,807,000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 628 A.O.F.—4922 MCF/D

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	723	723	Tan to gry cr-grn ss interbedded w/gry sh.
723	792	69	Ojo Alamo ss. White cr-grn s.
792	1723	931	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1723	2120	397	Fruitland form. Gry carb sh scattered coals, coals and gry, tight, fine-grn ss.
2120	2208	88	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2208	2224	16	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

T.D. 2224'. 6 5/8" @ 2184'. Perf. w/2 DJ/ft. Perf. int. 2104-2114, 2120-2124, 2130-2150. Frac. w/37,900 gal. water and 40,000# sand. Flushed w/2100 gal. water. BDP 2200#, max. pr. 2700#, tr. pr. 1900, 2050, 2500#. I.R. 48 BPM. 3 stages. 2 ball drops 10 balls.

3-27-58. Set 5 1/2" cast iron Baker Bridge Plug @ 2050'. Perf. w/2 BJ/ft. 1822-1844' (Fruitland). Frac. w/35,700 water, 34,500# sand. Flush w/2100 gal. water. Max. pr. 2000#, BDP 2000#, tr. pr. 1875#, I.R. 62.7 BPM. No balls dropped.