Form 9-330

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

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 012736
LEASE OR PERMIT TO PROSPECT

RECEIVED JAN 24 1958 OIL CON. COM. DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JAN 23 1958

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Huerfano Unit Field Ballard P. C. State New Mexico
Well No. 93 Sec. 22 T. 26N R. 9W Meridian N.M.P.M. County San Juan
Location 1090 ft. [N.] of N Line and 840 ft. [E.] of W Line of Sec. 22 Elevation 6373 (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 F. H. WOOD

Date January 21, 1958 Title Petroleum Engineer

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

Commenced drilling 11-11-, 19 57 Finished drilling 11-15, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1980 to 2051 (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	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8 5/8	24	8 Rd.	J-55	116'	Howco				Surface
5 1/2	15.5	8 Rd.	J-55	2085'	Baker				Prod. Csg.
1 1/4"	2.4	8 Rd.	Grade "A"	2009'					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	127'	125	Circulated		
5 1/2"	2076'	250	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 2085 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

12-9, 19 57 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 3,077,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 567 A.O.F. = 3829 MCF/D

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1092	1092	Tan to gry cr-grn ss interbedded w/gry sh.
1092	1266	174	Ojo Alamo ss. White cr-grn s.
1266	1695	429	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1695	1980	285	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
1980	2051	71	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2051	2085	34	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

[OVER]

16—43094-4

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

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

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.

12-8-57 T. D. 2077'. C.O.T.D. 2040'. Water frac. P. C. perf. int. 1980-2000; 2012-2024 w/43,850 ga. water and 40,000# sand. BD pr. 2700#, max. pr. 2700#, tr. pr. 1500, 1600, 1700#. I. R. 55 BPM. Flush 3150 gal. water. Cropped 1 set of 10 balls for 2 stages.

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FOLD