Form 9-330

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

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03501
LEASE OR PERMIT TO PROSPECT

RECEIVED FEB 14 1958 OIL CON. COM. DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED FEB 13 1958 U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO

X

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 28-7 Unit Field So. Blanco P.C. State New Mexico
Well No. 92 Sec. 20 T. 27N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 1840 ft. {N.} of S Line and 800 ft. {E.} of W Line of Sec. 20 Elevation 6584'
(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 February 10, 1958 Title Petroleum Engineer

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

Commenced drilling 11-11, 1957 Finished drilling 11-15, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 29 02 to 2999 (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	117'	Howco				Surface
5 1/2"	15.5	8 Rd.	J-55	3039'	Baker				Prod. Csg.
1 1/4"	2.4	8 Rd.	Grade "A"	2928'					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'	100	Circulated		
5 1/2"	3039'	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 3039 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

11-30, 1957 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 2,773,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 858 A. O. F. = 2962 MCF/D

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2155	2155	Tan to gry cr-grn ss interbedded w/gry sh.
2155	2237	82	Ojo Alamo ss. White cr-grn s.
2237	2679	442	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2679	2902	223	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2902	2999	97	Pictured Cliffs form. Gry, fine-grn, tight varicolored soft ss.
2999	3039	40	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

FOLD MARK

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.

11-29-57 T. D. 3039'. C.O.T.D. 2970'. Water frac. P. C. perf. int. 2904-2930; 2934-2954 w/48,000 gal. water and 40,000# sand, Flush w/4000 gal. water. I. R. 47 BPM. BD pr. 2100#, max. pr. 1800#, tr. pr. 1500, 1800#.