Form 9-330

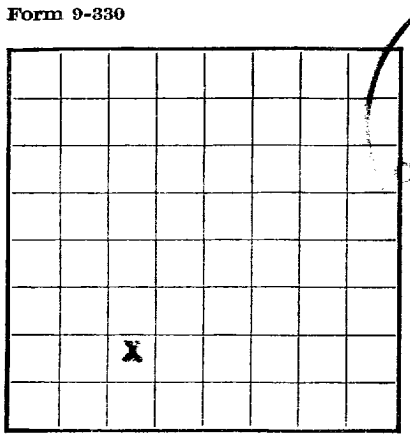
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE SF
SERIAL NUMBER 078899-A
LEASE OR PERMIT TO PROSPECT

RECEIVED JUN 29 1961 OIL CON. COM. DIST. 3

RECEIVED JUN 30 1961 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 Products Co. Address Box 1560, Farmington, New Mexico

Lessor or Tract Western Pool Unit Field Basin Dakota State New Mexico

Well No. 2-B Sec. 8 T. 26N R. 11W Meridian NMPM County San Juan

Location 890 ft. {N. / S.} of S Line and 1750 ft. {E. / W.} of W Line of Section 8 Elevation 6177 (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 BY: JOHN J. STROJEK

Date June 26, 1961 Title Petroleum Engineer

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

Commenced drilling April 26, 19 61 Finished drilling May 11, 19 61

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 6080 to 6106 No. 4, from to

No. 2, from 6114 to 6120 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
9-5/8"	36.00#	8 Rd.	J-55	164'	Texas Pat.				Surface
5-1/2"	15.50#	8 Rd.	J-55	6282'	Texas Pat.		6080	6120	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	175'	150	Pump-Plug		
5-1/2"	6277'	250	Pump-Plug		

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 6278 feet, and from feet to feet

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

DATES

May 21, 19 61 Put to producing Shut-In -- W.O.P.L.C. 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 5,857,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
490	540	50	Ojo Alamo: White, Coarse Grained Sand.
540	1256	716	Kirtland: Gy. sh. intbd. w/tight gy. FG ss.
1256	1485	229	Fruitland: Gy. carb. sh., scat. coals, coals & gy. tight FG ss.
1485	1600	115	Pictured Cliffs: Gy., FG, tight, varicolored soft ss.
1600	2370	770	Lewis: Gy. to white de. sh. w/silty to shaly ss. breaks.
2370	3900	1530	Mesa Verde: Gy., FG, ds. silty ss., carb. sh. and coal.
3900	4200	300	Point Lookout: Gy., v/fn. silty ss. w/freq. sh. breaks.
4200	5050	850	Mancos: Gy. carb. shale.
5050	5930	880	Gallup: Lt. gy. to brn. calc. carb. micaceous glauconitic. Very fn. to med. gr. ss. w/irreg. interbedded shale.
5930	5980	50	Greenhorn: Highly calc. gy. sh. w/thin ls.
5980	6080	100	Graneros: Dk. gy. sh., fossil & carb. w/pyrite inclusion.
6080	6278	198	Dakota: Lt. to dk. gy. foss. carb. sl/calc. sl./silty ss. w/pyrite inclusion, thin sh. bands clay and shale breaks.

(OVER)

16—43694-4

TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.

FOLD MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43004-2 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.

5-20-61	SOF Intervals 6080'-6106' and 6114'-6120' with 50,400 gals. lease crude (1st 1000 gals. lease crude treated with 5 gals. G-15 and 5 gals. I-5 and remainder of crude treated with 2 gals. of G-15/1000 gals. of lease crude) and 50,000# 2-40 sand. Injection Rate: 46.1 BPM. Breakdown Pressure 1700; Maximum Treating Pressure 3100; Average Treating Pressure 2700. Dropped 45 balls twice. Flushed with 6384 gals. crude.
5-21-61	Ran 195 joints, 2-3/8", 4.70#, J-55 Tubing (6096') set at 6110'.
6-19-61	Calculated AOF 7552' MCF/D.

RECEIVED