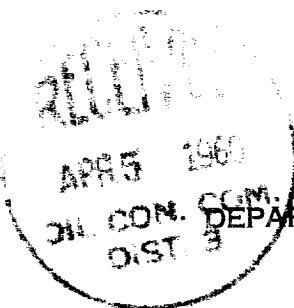


U. S. LAND OFFICE _____ SF _____
SERIAL NUMBER _____ 079161 _____
LEASE OR PERMIT TO PROSPECT _____

A square grid composed of 8 columns and 8 rows of smaller squares. A single 'X' mark is located in the second column from the left and the seventh row from the bottom. The rest of the grid is empty.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Products Co. Address Box 1565, Farmington, New Mexico
Lessor or Tract N.C.R.A. Field Undesignated State New Mexico
Well No. 1 Sec. 3 T. 26N R. 7W Meridian NMPM County Rio Arriba
Location 790 ft. SW of N Line and 890 ft. SE of E Line of Section 3 Elevation 6594
(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.

ORIGINAL SIGNED BY: JOSEPH E. KREGER

Date March 31, 1960 Title Petroleum Engineer

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

Commenced drilling November 28, 1959 Finished drilling January 19, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7256 to 7270 (5) No. 4, from _____ to _____
 No. 2, from 7304 to 7336 (3) No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	177	125	Circulated		
5-1/2"	7480	275-1st stage	Pump & Plug		
		275-2nd Stage	Stage Collar		
		150-3rd Stage	Stage Collar		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

[illegible]

TOOLS USED

TOOLS USED

Rotary tools were used from 177 feet to 784 feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 177 feet, and from _____ feet to _____ feet

177 DATES

February 27	1960	Put to producing	Shut-in for pipeline connection	1960
-------------	------	------------------	---------------------------------	------

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 **2,990,000** Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. ~~3 hr. AOF thru 3/4" choke.~~
EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2157	2157	Interbedded ss and shales.
2157	2310	153	Ojo Alamo ss. White, coarse grained sand.
2310	2742	432	Kirtland Form. Gy. sh. inbd. w/t gy. FG ss.
2742	2820	78	Fruitland Form. Gy. carb. sh., scat. coals, coals & gy. tight FG ss.
2820	2911	91	Pictured Cliffs Form. Gy., FG tight, varicolored soft ss.
2911	4525	1614	Lewis Form. Gy. to white ds. sh. w/silty to shaley ss. breaks.
4525	5145	620	Mesa Verde Form. Gy., FG, ds. silty ss., carb. shale and coal.
5145	5280	135	Point Lookout Form. Gy., v/fn. silty ss. w/freq. shale breaks.
5280	6233	953	Mancos Form. Gy. carb. shale.
6233	6790	557	Gallup Form. Lt. gy. to brn. calc. carb. mica. glauconitic. V/fn. to med. gr. ss. w/irreg. inbd. shale.
6790	7038	248	Sanastee Form. Dk. gy. calc. v/fn. to fn. gy. ss. w/calc. veins, w/irreg. inbd. dk. gy. sd.
7038	7101	63	Greenhorn Form. Highly calc. gy. sh. w/thin ls.
7101	7257	156	Graneros Form. Dk. gy. sh., fossil & carb. w/pyrite inclusions.

[OVER]

(Over)

16-43094-4

FROM—	TO—	TOTAL FEET	FORMATION
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Dakota Form. Lt. to dk. gy. foss. carb.
sl/calc. sl/silty ss w/pyrite inclusion,
thin sh. bands clay and shale breaks.

AND RADIOACTIVITY LOGS.

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 balling.

DRILL STEM TESTS

Date	Section	Recovery
1-8-60	6637-6710	ISIP (30") 814, IFP-116, FHP-76; op. 2' 0"; FSHIP- (45") 448
1-14-60	7237-7314	ISIP (30") 1212; IFP-250; RFP-325; FSHIP (45") 1751;
1-16-60	7312-7356	op. 2' 0"; ISIP (30") 2042; IFP-131; RFP-125; op. 2' 0"; FSIP (45") 3166;

SANDOLF FRACTURE

S&P parts. 7256'-7270' and 7304'-7308'. Average treating pressure 3200 psi.; maximum treating pressure 3500 psi.; Breakdown pressure 3200 psi.; average treating pressures 3000-3300-4000 psi. Dropped 61 balls two times for 350# and 350# sizes.