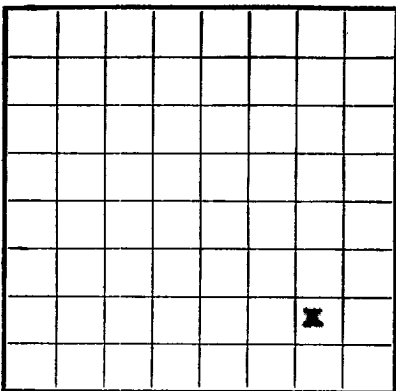




LOCATE WELL CORRECTLY

Jicarilla
U. S. LAND OFFICE
SERIAL NUMBER **Contract 108**
LEASE OR PERMIT TO PROSPECT
Jicarilla Tribal

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **EL PASO NATURAL GAS COMPANY** Address **Box 997, Farmington, New Mexico**Lessor or Tract **Section 14, Township 20N, Range 5W, Meridian N.M.P.M.** State **New Mexico**Well No. **10-0** Sec. **14** T. **20N** R. **5W** Meridian **N.M.P.M.** County **San Arriba**Location **790** ft. of **Line** and **790** ft. of **Line** of **Sec. 14** Elevation **6695**

The information given here is a complete and correct record of the well and all work done thereon so far as can be determined from available records.

Date **November 12, 1958** Signed **S. C. Kelly** Title **Professional Petroleum Engineer**

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

Commenced drilling **October 12th**, 19 **58** Finished drilling **October 12th**, 19 **58**

OIL OR GAS SANDS OR ZONES

No. 1, from **3254** to **3318 (10')** No. 2, from **3318** to **3377** No. 3, from **3377** to **3388** No. 4, from **3388** to **3398** No. 5, from **3398** to **3408** No. 6, from **3408** to **3418**

IMPORTANT WATER SANDS

No. 1, from **3318** to **3377** No. 2, from **3377** to **3388** No. 3, from **3388** to **3398** No. 4, from **3398** to **3408** No. 5, from **3408** to **3418**

CASING RECORD

Size casing **8-5/8"** Weight per foot **24#** Length **8** Make **J-55** Annular **92** Kind of steel **-** Cut and pulled from **-** Perforated **-** Purpose **Surface**Size casing **5-1/2"** Weight per foot **15.5#** Length **8** Make **J-55** Annular **92** Kind of steel **-** Cut and pulled from **-** Perforated **-** Purpose **Production**

HYDROX OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing **8-5/8"** Where set **101** Number sacks of cement **70** Method used **Pump & Plug** Mud gravity **-** Amount of mud used **-**Size casing **5-1/2"** Where set **3376** Number sacks of cement **100** Method used **" " "** Mud gravity **-** Amount of mud used **-**

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length **-** Depth set **-**Adapters—Material **None** Size **-**

SHOOTING RECORD

Size **-** Shell used **-** Explosive used **None** Quantity **-** Date **-** Depth shot **-** Depth cleaned out **-**

TOOLS USED

Rotary tools were used from **Surface** feet to **3377** feet, and from **-** feet to **-** feetCable tools were used from **3377** feet to **-** feet, and from **-** feet to **-** feet

Ran Tubing

October 23rd, 19 **58**

DATES

Potential Test

Put to producing **November 10, 1958**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 **2,845,000**Gallons gasoline per 1,000 cu. ft. of gas **-**Rock pressure, lbs. per sq. in. **1059****Open 3 hours through 3/4" choke on casing. Choke volume 2,726 MCF/day. AOF 2,845 MCF/day.**

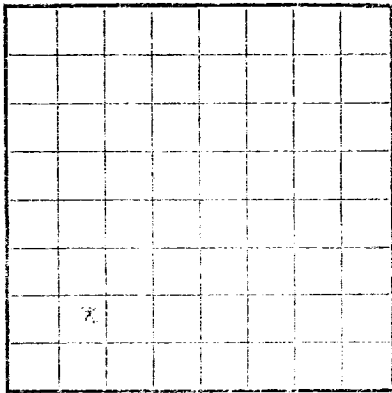
EMPLOYEES

Benson-Montin-Greer, Driller**Drilling Corp.**, Driller

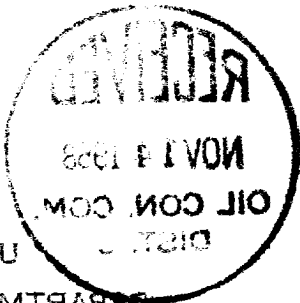
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	3212	3212	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
3212	3219	7	Coal
3219	3236	17	Shale
3236	3246	10	Coal
3246	3249	3	Shale
3259	3251	2	Coal
3251	3254	3	Shale
3254	3318	64	Sand
3318	3377	59	Shale

TOP OF PICTURED CLIFFS (EL) 3254'



LOCATE WELL CORRECTLY



DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

LOG OF OIL OR GAS WELL

Approval expires 12-31-40
Budget Bureau No. 43-13354
U.S. LAND OFFICE
COUNTY NO. 10
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT
LAND AND MINERAL

Company _____
Lessor or Trust _____
10-23-58 Jan 111 John 3371 of 1-1/4" KUB tubing landed at _____
Well No. 1 Sec. 2, T. 12N. R. 10E. 10W. 10-23-58
Location _____
The information on this page is for the condition of the well at above date.
10-22-58 Cleaned out to 3371. Perforated 3264-76. 3286-98.
10-21-58 Moved in cable tools. Pressured up on casing to 1000%.
10-20-58 No pressure decrease in one hour.
10-19-58 Temperature survey showed 100 of cement at 2600'.
10-18-58 1-55 casing at 3376. 1-55 casing at 3376. 1-55 casing at 3376.
10-17-58 1-55 casing at 3376. 1-55 casing at 3376. 1-55 casing at 3376.
10-16-58 1-55 casing at 3376. 1-55 casing at 3376. 1-55 casing at 3376.
10-15-58 1-55 casing at 3376. 1-55 casing at 3376. 1-55 casing at 3376.
10-14-58 1-55 casing at 3376. 1-55 casing at 3376. 1-55 casing at 3376.
10-13-58 1-55 casing at 3376. 1-55 casing at 3376. 1-55 casing at 3376.
10-12-58 1-55 casing at 3376. 1-55 casing at 3376. 1-55 casing at 3376.
10-11-58 1-55 casing at 3376. 1-55 casing at 3376. 1-55 casing at 3376.
10-10-58 1-55 casing at 3376. 1-55 casing at 3376. 1-55 casing at 3376.
10-9-58 1-55 casing at 3376. 1-55 casing at 3376. 1-55 casing at 3376.
10-8-58 1-55 casing at 3376. 1-55 casing at 3376. 1-55 casing at 3376.
10-7-58 1-55 casing at 3376. 1-55 casing at 3376. 1-55 casing at 3376.
10-6-58 1-55 casing at 3376. 1-55 casing at 3376. 1-55 casing at 3376.
10-5-58 1-55 casing at 3376. 1-55 casing at 3376. 1-55 casing at 3376.
10-4-58 1-55 casing at 3376. 1-55 casing at 3376. 1-55 casing at 3376.
10-3-58 1-55 casing at 3376. 1-55 casing at 3376. 1-55 casing at 3376.
10-2-58 1-55 casing at 3376. 1-55 casing at 3376. 1-55 casing at 3376.
10-1-58 1-55 casing at 3376. 1-55 casing at 3376. 1-55 casing at 3376.

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 "disconnected" 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 pulling.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
10-23-58	10-22-58	100	10-23-58
10-22-58	10-21-58	100	10-22-58
10-21-58	10-20-58	100	10-21-58
10-20-58	10-19-58	100	10-20-58
10-19-58	10-18-58	100	10-19-58
10-18-58	10-17-58	100	10-18-58
10-17-58	10-16-58	100	10-17-58
10-16-58	10-15-58	100	10-16-58
10-15-58	10-14-58	100	10-15-58
10-14-58	10-13-58	100	10-14-58
10-13-58	10-12-58	100	10-13-58
10-12-58	10-11-58	100	10-12-58
10-11-58	10-10-58	100	10-11-58
10-10-58	10-9-58	100	10-10-58
10-9-58	10-8-58	100	10-9-58
10-8-58	10-7-58	100	10-8-58
10-7-58	10-6-58	100	10-7-58
10-6-58	10-5-58	100	10-6-58
10-5-58	10-4-58	100	10-5-58
10-4-58	10-3-58	100	10-4-58
10-3-58	10-2-58	100	10-3-58
10-2-58	10-1-58	100	10-2-58
10-1-58	10-0-58	100	10-1-58
10-0-58	10-0-58	100	10-0-58