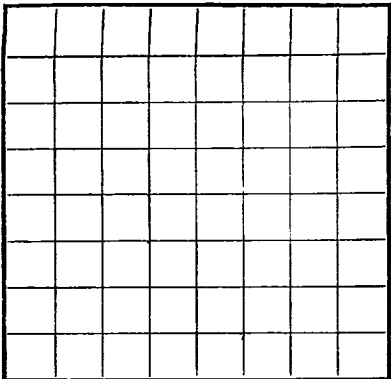


///CORRECTED COPY///

Form 9-336

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **613694**
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

///CORRECTED COPY///

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Company** Address **Box 990, Farmington, New Mexico**
Lessor or Tract **Alamosa Unit** Field **Basin Dakota** State **New Mexico**
Well No. **161** Sec. **17** T. **27N** R. **6W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1450** ft. of **N** Line and **1000** ft. of **W** Line of **Section 17** Elevation **6324**
(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 H.E. McANALLY
Signed _____

Date **January 15, 1963** Title **Petroleum Engineer**

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

Commenced drilling **9-22**, 19**62** Finished drilling **10-9**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **7404** to **7520 (G)** No. 4, from _____ to _____
No. 2, from **7520** to **7710 (G)** 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		Purpose
							From—	To—	
9 5/8	11.2	8	J-55	7404	OK	7404			Surface
5 1/2	8.2	8	J-55	7710	OK	7710			Prod. Csg.
2 3/8	4.64	8	J-55	7710	OK	7710			Prod. Tubing.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	34'	205	Circulated		
5 1/2	7740	677	3 Stages		

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
Perf. 7642-46, 7664	w/3 STP	7552-G	w/2 STP	7404-68, 7440-44	w/3 STP	Fractured
w/73,000 gallons of water, 70,000 mud, flushed w/12,500 gallons water. I.R. 39						
RTN, Max. pr. 3900#, RTN 2600#, tr. pr. 2700-3000#. Drugged 3 sets of 12 balls.						

TOOLS USED

Rotary tools were used from _____ feet to **7740** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

10-23, 19**62** 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 **4,162,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **2490 Gsg.** **A.O.F. = 4618 MSF/D**

EMPLOYEES

Great Western Drilling Co., Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2469	2469	--
2469	2466	157	Ojo Alamo
2466	3002	375	Kirtland
3002	3003	201	Fruitland
3003	3068	65	Pictured Cliffs
3068	4056	1588	Lewis
4056	4992	136	Cliff House
4992	5431	438	Munroe
5431	5578	147	Point Lookout
5578	6397	819	Munroe
6397	7343	946	Gallup
7343	7404	61	Greenhorn
7404	7520	116	Graneros
7520	7710	190	Dakota
7710	7740	30	Morrison

FORMATION RECORD—CONTINUED

16-48094-5