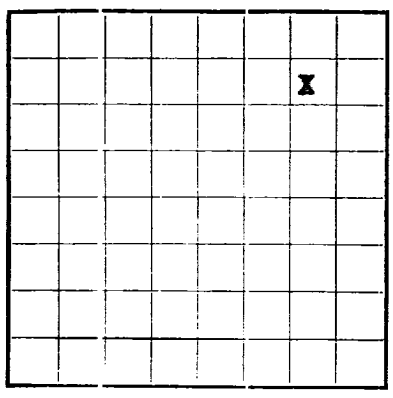
Form 9-330

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

U. S. LAND OFFICE Jicarilla
SERIAL NUMBER Cont. #93
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED APR 12 1962 OIL CON. COM. DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED APR 16 1962 U. S. GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico

Lessor or Tract Jicarilla Field Blanco Mesa Verde State New Mexico

Well No. 93-2 Sec. 34 T. 27-N R. 3-W Meridian N.M.P.M. County Rio Arriba

Location 890 ft. {N/S} of N Line and 990 ft. {E/W} of E Line of Section 34 Elevation 7212 (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: C.N. Gheim

Date April 3, 1962 Title Petroleum Engineer

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

Commenced drilling 3-3, 19 62 Finished drilling 3-18, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5638 to 6172 (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
9 5/8"	32.30	8 rd.	CF&I	125	Texas				Surface
7"	20	8 rd.	CF&I	4103	Texas				Intermediate
4 1/2	10.5	8 rd J-55	CF&I	2233					Liner
2 3/8"	4.7	8 rd	J-55	6033					Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	137	100	circulated		
7"	4115	100	single stage		
4 1/2	6245	175	Reversed		

FOLD — MARK

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
5652-56; 5030-34; 6124-28;		Frac M. V.	w/89,950 gal water, 80,000# 20/40 sand. Flushed			
5706-10; 5048-52;		w/3000 gal water. IR 39.8 BPM. MP 3000 psi, TP2300 psi.				
5988-92; 5076-84;		Dropped 4 sets of 16 balls.				

TOOLS USED

Rotary tools were used from 0 feet to 6250 feet, and from feet to feet

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

DATES

Shut in 3-24-, 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 5,322,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1689 A.O.F. - 8896 MCF/D

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3408	3408	Tan to gry cr-grn ss interbedded w/gry sh.
3408	3517	109	Ojo Alamo ss. White cr-grn s.
3517	3759	242	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3759	3911	152	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3911	3990	79	Pictured Cliffs forms. Gry, fine-grn, tight, varicolored soft ss.
3990	5638	1648 Lewis	Lewisform. Gry, fine-grn, dense sil ss.
5638	5719	81	Cliff House ss. Gry, fine-grn, dense sil ss.
5719	6021	302	Menefee form. Gry, fine-grn s, carb sh & coal.
6021	6172	151	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
6172	6250	78	Mancos form. Gry carb sh.

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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DIST. 3

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