Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079289
LEASE OR PERMIT TO PROSPECT
14-08-001-459

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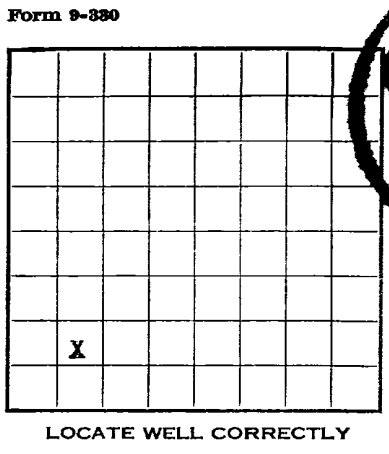
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico

Lessor or Tract San Juan 28-7 Unit Field Blanco State New Mexico

Well No. 55 Sec. 12 T. 28N R. 7W Meridian NMPM County Rio Arriba

Location 800 ft. {N.} of S Line and 891 ft. {E.} of W Line of Sec. 12 Elevation 6585'
(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 F. W. Boyd

Date August 31, 1956 Title Petroleum Engineer

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

Commenced drilling 7-20-56, 19 Finished drilling 8-13-56, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3356 to 3445 (G) No. 4, from 5538 to 5658 (G)

No. 2, from 5081 to 5190 (G) No. 5, from to

No. 3, from 5190 to 5538 (G) 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
10 3/4	32.75	P.E.	S.M.	161'	Howco				Surface
7 5/8	26.4	8 RD	J-55	3543'	Howco				Intermediate
5 1/2	15.5	8 RD	J-55	5700'	Baker				Prod. Tbg.
2"	4.7	8 RD	J-55	5594'					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	164'	125	Circulated		
7 5/8	3543'	250	Single Stage		
5 1/2	5700'	300	Single Stage		

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 166 feet to 3543 feet, and from 3543 feet to 5700 feet

Cable tools were used from 0 feet to 166 feet, and from feet to feet

DATES

8-19-56, 19 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 6,051,000 A.O.F. 17,838 MCF/D. Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1083

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2491	2491	Tan to gry cr-grn ssinterbedded w/gry sh.
2491	2619	128	Ojo Alamo ss. White cr-grn s,
2619	3093	474	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3093	3356	263	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3356	3445	89	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3445	5081	1636	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5081	5190	109	Cliff House ss. Gry, fine-grn, dense sil ss.
5190	5538	348	Menefee form. Gry, fine-grn s, carb sh & coal.
5538	5658	120	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5658	5700	42	Mancos formation. Gry carb sh.

FROM— TO— TOTAL FEET FORMATION

[OVER]

16—43094-4

FORMATION RECORD—Continued

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD

EMPLOYEES

DATES

TOOLS USED

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

SHOOTING RECORD

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

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

DATES

If a two-hour test was made, give date ____, number of hours tested, and amount of oil used ____ barrels in ____ hours

Put to producing ____

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 ____ 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

CASING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud fluid?	Amount of mud used

MUDDING AND CEMENTING RECORD

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____

Adapters—Material ____ Size ____

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.

8-17-56 C.O. to 5680'. Perf. 5532-42, 5565-75, 5585-91, 5600-08, 5622-32. Fraced with 65,000 gal. water & 60,000# sand. Flushed with 6300 gallons. I.R. 54.3 BPM. Max. & BDP 3000#, Avg. 1850#.

CASING RECORD

8-17-56 B.P. @ 5300'. Perf. 5100-10, 5132-44, 5150-70, 5181-91. Fraced with 65,000 gal. water & 60,000# sand. Flushed with 5500 gallons. Average pressure 1800#.

IMPORTANT WATER SANDS

No. 1, from ____ to ____ No. 4, from ____ to ____

No. 2, from ____ to ____ No. 5, from ____ to ____

No. 3, from ____ to ____ No. 6, from ____ to ____

(Denote gas by G)

OIL OR GAS SANDS OR ZONES

No. 1, from ____ to ____ No. 4, from ____ to ____

No. 2, from ____ to ____ No. 5, from ____ to ____

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CASING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud fluid?	Amount of mud used

MUDDING AND CEMENTING RECORD

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

DATES

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

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

TOOLS USED

EMPLOYEES

Driller ____ Driller ____

Driller ____ Driller ____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

MARK WELL CORRECTLY

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

LEASE OR PERMIT TO PROSPECT ____

SERIAL NUMBER ____

U. S. LAND OFFICE ____

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16—43094-2 U. S. GOVERNMENT PRINTING OFFICE