Form 9-330

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

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OIL CON. COM.
DIST. 3

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078195
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

X

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

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

Lessor or Tract Sellers Field Aztec P.C. State New Mexico

Well No. 3-A Sec. 30 T. 30N R. 10W Meridian NMPM County San Juan

Location 890 ft. [N.] of S Line and 890 ft. [E.] of W Line of Section 30 Elevation 6059'
(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 J. Schuleman

Date November 21, 1956 Title Petroleum Engineer

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

Commenced drilling 4-21-56, 19 Finished drilling 5-9-56, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2463 to 2565 (G) No. 4, from 4777 to 5043 (G)

No. 2, from 4120 to 4282 (G) No. 5, from to

No. 3, from 4282 to 4777 (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.W.	161'	Baker				Surface
7 5/8"	26.4	8 RD	J-55	4378'	Baker				Producing.
5 1/2"	15.5	8 RD	J-55	5043'	Baker				Producing.
2"	4.7	8 RD	J-55	5000'					Producing.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	174'	125	Circulated		
7 5/8	4382'	500	Single Stage		
5 1/2"	4323-5042	125	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 0 feet to 5043 feet, and from feet to feet

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

DATES

10-20-56, 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 3,357,000 A.O.F. 5,932 MCF/D. Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 623

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1190	1190	Tan to gry cr-grn ss interbedded w/gry sh.
1190	1254	64	Ojo Alamo ss. White cr-grn s.
1254	2157	903	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2157	2463	306	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2463	2565	102	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2565	4120	1555	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4120	4282	162	Cliff House ss. Gry, fine-grn, dense sil ss.
4282	4777	495	Menefee form. Gry, fine-grn s, carb sh & coal.
4777	5043	266	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.

[OVER]

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FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

SHOOTING RECORD

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

TOOLS USED

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

Ready to produce ____ 19__

The production for the first 24 hours was ____ barrels of fluid, of which ____% was oil; ____% emulsion; ____% water; and ____% sediment. Gravity, °API ____

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

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____

Adapters—Material ____ Size ____

WELDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Wet or dry	Amount of mud used

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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.

5-13-56 T.D. 5045'. C.O. Depth 5000'. Perforated int. in Point Lookout 4774-4784, 4796-4806, 4826-4836 & 4976-4986 (w/4 Welex SPF). Water fractured perf. with 107,600 gallons water & 100,000# sand. BDP 1950#, maximum pressure and average treating pressure 1200#. Injection rate 65.5 BPM. Flush 11,000 gallons.

5-13-56 T.D. 5043'. Temp. B.P. @ 4750'. Perforated int. in Menefee 4564-4586 (w/4 Welex SPF). Water fractured perf. with 75,800 gal. water & 59,000# sand. BDP 3000#, maximum treating pressure 2250#, average treating pressure 1800#. I.R. 64.5 BPM. Flush 11,000 gallons.

5-13-56 T.D. 5043'. Temp. B.P. @ 4530'. Perf. int. 2464-2484 (w/4 Welex SPF) in Pictured Cliff. Water fractured Perf. with 47,400 gal. water & 60,000# sand. BDP 1050#, max. tr. pr. 1200#, avg. tr. pr. 1100#. I.R. 79.5 BPM. Flush 5500 gallons water.

Workover on October 19, 1956 pulled 2" tubing. Set Baker (Mag.) Bridge plug at 2512' (top) with a Baker full bore tool at 2500'. Held 1300# 20 min.

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Signed ____

Date ____ Title ____

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

Commenced drilling ____ 19__ Completed drilling ____ 19__

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company ____ Address ____

Lessor or Farm ____ Field ____ State ____

Well No. ____ Sec. ____ T. ____ R. ____ Meridian ____ County ____

Location ____ ft. [N/S] of ____ Line and ____ ft. [E/W] of ____ Line of ____ Elevation ____

(Derrick floor relative to sea level)

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Signed ____

Date ____ Title ____

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