Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078460
LEASE OR PERMIT TO PROSPECT

RECEIVED
21 1961
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 990, Farmington, New Mexico

Lessor or Tract San Juan 32-7 Unit Field Blanco M. V. State New Mexico

Well No. 21 Sec. 20 T. 32N R. 7W Meridian N.M.P.M. County San Juan

Location 1800 ft. [N.] of S Line and 990 ft. [E.] of W Line of Section 20 Elevation 6299
(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 D. W. Meehan

Date June 13, 1961 Title Petroleum Engineer

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

Commenced drilling 10-1, 1960 Finished drilling 10-13, 1960

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from ____ to ____ 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
10 3/4	32.75	8 Rd.	J-55	293	Baker				Surface
7 5/8	26.4	8 Rd.	J-55	3483	Baker				Intermediate
5 1/2	15.5	8 Rd.	J-55	5715	Baker				Prod. Liner

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	293	340	Circulated		
7 5/8	3483	154	Single Stage		
5 1/2	5715	220	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

TOOLS USED

Rotary tools were used from 0 feet to ~~3484~~ feet, and from 3484 feet to 5729 feet

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

Gas Drilled

DATES

TA 10-14, 1960 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 ____ Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

Anschutz & Dumroody, Driller ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	5200	5200	Not Logged
5200	5250	50	Cliff House ss. Gry, fine-grn, dense sil ss.
5250	5509	259	Menefee form. Dry, fine-grn, dense sil ss.
5509	5640	131	Point Lookout for. Gry, very fine sil ss w/frequent sh breaks.
5640	5729	89	Mancos formation. Gry carb sh.

FORMATION RECORD—Continued

16—43094-5

FOLD | MARK

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Budget Bureau No. 42-R355.4.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 047600
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

X

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 32-7 Unit Field Blanco M. V. State New Mexico
Well No. 21 Sec. 20 T. 32N R. 7W Meridian N.M.P.M. County San Juan
Location 1600 ft. [N.] of S Line and 990 ft. [E.] of W Line of Section 20 Elevation 6522
(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 J. M. Meaher
Date June 13, 1961 Title Petroleum Engineer

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

Commenced drilling 10-1-, 19 60 Finished drilling 10-13, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ____ to ____ 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

On 10-14-60 Total Depth 5729'.
This well was abandoned in the following manner:
Boiled steel plate on Bradenhead 4½" x 4" type ID permanent marker.

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	223	340	Circulated		
5½	3423	150	Baker Stage		
5½	5729	200	Baker 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

TOOLS USED

Rotary tools were used from 0 feet to 3429 feet, and from 3429 feet to 5729 feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

Gas Drilled
TA 10-14, 19 60 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 ____ Gallons gasoline per 1,000 cu. ft. of gas ____
Rock pressure, lbs. per sq. in. ____

EMPLOYEES

Associate & Dunwoody, Driller ____, Driller
____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2600	2600	Not logged
2600	2920	320	Cliff House ss. Gry, fine-grn, dense sil ss.
2920	3560	640	Menefee form. Dry, fine-grn, dense sil ss.
3560	3640	80	Point Lookout for. Gry, very fine sil ss w/frequent sh breaks.
3640	5729	2089	Mancos formation. Gry sandy sh.

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—42094-2 U. S. GOVERNMENT PRINTING OFFICE

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. Records were kept of changes made in the casing, state fully, and if any casing was "abandoned," or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. Plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

LOCA | MARK