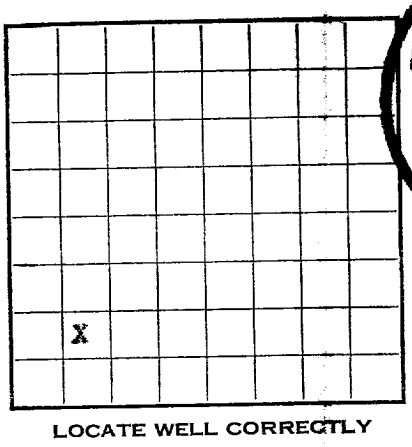
ILLEGIBLE



LOCATE WELL CORRECTLY

RECEIVED
SEP 24 1956
OIL CON. COM.
DIST. 3

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 060670
LEASE OR PERMIT TO PROSPECT
14-08-001-1054

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 27-4 Unit Field Wildcat State New Mexico
Well No. 6 Sec. 31 T. 27N R. 4W Meridian NMPM County Rio Arriba
Location 863 ft. {N.} of S Line and 970 ft. {E.} of W Line of Section 31 Elevation 7363'
(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 September 19, 1956 Title Petroleum Engineer

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

Commenced drilling 8-8-56, 19 Finished drilling 8-15-56, 19

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 4111 to 4212 (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"	25.4	P.E.	S.W.	123	Mexco				Surface
5 1/2"	14	8 RD	7-55	4249'	Baker				Prod. Cas.
2"	4.7	8 RD	J-55	4180	Mexco				Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	133'	100	Circulated		
5 1/2"	4249'	250	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 4249 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

8-31-56, 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 4,957,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1026

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3590	3590	Tan to gry cr-grn ss interbedded w/gry sh.
3590	3739	149	Ojo Alamo ss. White cr-grn s.
3739	3935	196	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3935	4111	176	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
4111	4212	101	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
4212	4249	37	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

(OVER)

16—43094-4

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

CASING 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 ..... feet to ..... feet, and from ..... feet to ..... feet

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

DATES

..... 19..... Completed drilling ..... 19.....

The production for the first 24 hours was ..... barrels of fluid of which ..... percent was oil; ..... percent emulsion; ..... percent water; and ..... percent sediment.

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

HISTORY OF OIL OR GAS WELL

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

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.

6-30-56 O.C. to 4467'. Spaced Pictured Cliffs perf. 4130-4164 with 42,000 gal. water and 40,000# sand. Flushed with 5300 gallons. Injection rate 63.2 BPM. Maximum and Breakdown pressure 3000#, Average treating pressure 1600#.

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 .....

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 .....

Company ..... Address ..... Farm ..... Well No. ..... Sec. ..... T. ..... R. ..... County ..... State .....

Location of Land ..... Acres ..... Elev. above sea level ..... Date of Completion ..... 19.....

The information given herein 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 ..... Title .....

Date ..... 19.....

The status as of this date is for the condition of the well at above date.

Commenced drilling ..... 19..... Finished drilling ..... 19.....

LOG OF OIL OR GAS WELL

FOLD AS MEET CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
DIST. 3
OIL CON. COM.
JUL 5 1956

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

FORM 9-330

Approval expires 12-31-60.
Budget Bureau No. 42-R356.4