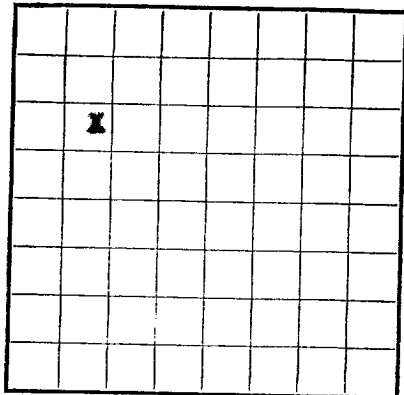


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **878998**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Co. Address Box 997, Farmington, New Mexico
Lessor or Tract Donnell Field Wildcat State New Mexico
Well No. 1 Sec. 22 T. 24N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 1650 ft. 1000 of N Line and 1000 ft. E. of W Line of Section 22 Elevation 6769'
(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. C. Johnston

Date July 16, 1957 Title Petroleum Engineer

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

Commenced drilling 6-7, 1957 Finished drilling 6-9, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Delete gas by G)

No. 1, from ~~2291~~ to ~~2352 (a)~~ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

RELIEF

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		Purpose
							From—	To—	
8-5/8"	24	8 Th.	J-55	104'	Barro				
It is of the highest importance to have a complete history of the well. Please state in detail the dates of logging, together with the location of the well, and the name of the person or company who logged the well. If the well has been abandoned, state date, and location of the well. If the well is still being worked, state date, and location of the well. If the well is still being worked, state date, and location of the well. If the well is still being worked, state date, and location of the well.									
HISTORY OF OH-OK GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	134'	100	circulated		
5-1/2	2357'	150	single stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from _____ feet to 2367 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

----- 6-25 -----, 19 57 -----	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 594,000	Gallons gasoline per 1,000 cu. ft. of gas -----
Rock pressure, lbs. per sq. in. 447	A.O.F. = 505 MCF/D

EMPLOYEES

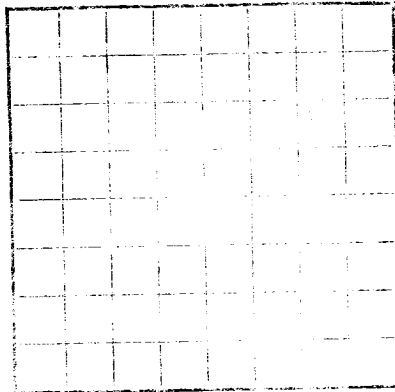
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1680	1680	Sea to gry cr-gra ss interbedded w/gry sh.
1680	1844	164	Ojo Alamo ss. White cr-gra s.
1844	2056	212	Kirtland form. Gry sh interbedded w/tight gry fine-gra ss.
2056	2261	225	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-gra ss.
2261	2352	71	Pictured Cliffs form. Gry, fine-gra, tight, varicolored soft ss.
2352	2367	15	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOOK UP WELL CORRECTLY

Company Name _____
Address _____
State _____
County _____
Section _____
Twp. _____
Range _____
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. C. Johnston
Date _____
The accompanying page is for the condition of the well at above date.
(Commenced drilling _____, finished drilling _____, 19____)

OIL OR GAS BANDS OR ZONES

(Dancer and G.)

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

IMPORTANT WATER BANDS

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

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 the results. If there were any changes made in the casing, state fully, and if any casing was "bridged," 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 balling.

HISTORY OF OIL OR GAS WELL

10-43004-2 U. S. GOVERNMENT PRINTING OFFICE

MIDDLING AND CEMENTING RECORD

Depth of casing _____
Amount of cement _____
Method used _____
Result _____

SHOOTING RECORD

Depth of casing _____
Amount of cement _____
Method used _____
Result _____

TOOLS USED

Tool used _____
Depth of casing _____
Amount of cement _____
Method used _____
Result _____

DATES

Date _____
Time _____
Result _____

EMPLOYEES

Name _____
Position _____
Result _____

FORMATION RECORD

Formation _____
Depth of casing _____
Amount of cement _____
Method used _____
Result _____

Formation _____
Depth of casing _____
Amount of cement _____
Method used _____
Result _____

Formation _____
Depth of casing _____
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