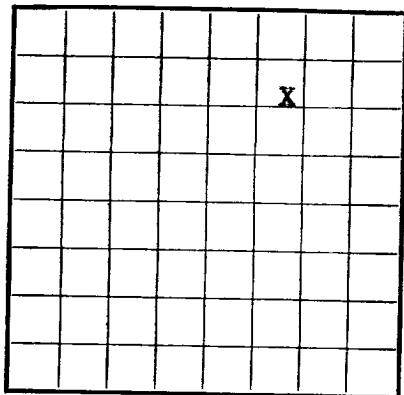
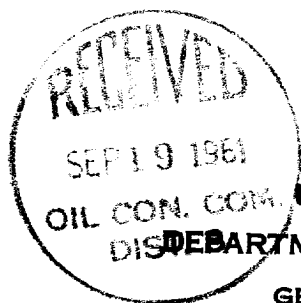




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **080714-A**

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 30-6 Unit Field Blanco Mesa Verde State New Mexico
Well No. 37 Sec. 10 T. 30N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. N of N Line and 1650 ft. E of E Line of Section 10 Elevation 6327
(Denote 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. SMITHDate September 14, 1961Title Petroleum Engineer

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

Commenced drilling 7-9, 1961 Finished drilling 7-19, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5194 to 5256 (G) No. 4, from _____ to _____
No. 2, from 5256 to 5511 (G) No. 5, from _____ to _____
No. 3, from 5511 to 5707 (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		Purpose
							From—	To—	
9 5/8"	32.3	8 rd	J-55	2361	BLK				Surface
7"	18.4	8 rd	J-55	2361	BLK				Intermediate
4 1/2"	9.5	8 rd	J-55	2361	BLK				Prod. liner
1 3/4"	2.4	10 rd.	J-55	5691					Prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	290	200	circulated		
7"	3600	160	single stage		
4 1/2"	3503-5864	270	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
5520-28; 5536-44; Frac M.V. w/57,000 gal water, 57,000# sand. Flushed w/7560 gal water. 5584-92; 5621-29; I.R. 50 BPM. Max pr 2000#, BOP 1800#, tr pr 1900#. Dropped 5 sets of 5666-74; 5679-87; 16 balls each. Butterfly valve on frac tank burst & closed while fracturing. 5695-5703; Stopped sand & continued work after fixing valve.						
Rotary tools were used from <u>0</u> feet to <u>3600</u> feet, and from <u>3600</u> Gas drilled 5828 feet						
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet						

DATES

Put to producing 7-23, 1961

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 4,072,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1135 A.O.F. 4458 MCF/D

EMPLOYEES

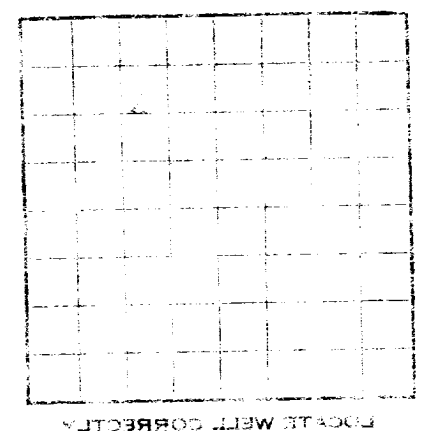
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	5194	5194	Not logged
5194	5256	62	Cliff House ss. Gry, fine-grn, dense sil ss.
5256	5511	255	Manefee form. Gry, fine-grn s, carb sh & coal.
5511	5707	196	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5707	5828	121	Mancos form. Gry carb sh.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company Name _____
Address _____
Field _____
County _____
State _____
Well No. _____
Location _____
The information given hereon is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.
Signed _____
Date _____

The summary on this page is for the location of the well at above data.
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES
(Describe page 2)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

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 location 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.

HISTORY OF OIL OR GAS WELL

10-45094-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Case	Material used	Number sacks of cement	Method used	Mud gravity	Amount of mud used

PLUGS AND ADAPTERS

Adapter - Material _____
Plugs - Material _____
Length _____
Depth set _____

SHOOTING RECORD

Size	Shells used	Probes used	Quantity	Date	Depth cleared out

DATES

Back pressure, lbs per sq in _____
It was _____ ft per 24 hours _____
The production for the first 24 hours was _____
_____ % water; and _____ % sediment.
_____ barrels of fluid of which _____ % was oil; _____
Pne to producing _____
Gravel, 8B4 _____
Gallons gasoline per 1,000 cu ft of gas _____

EMPLOYEES

Driller _____
Driller _____
Driller _____

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION