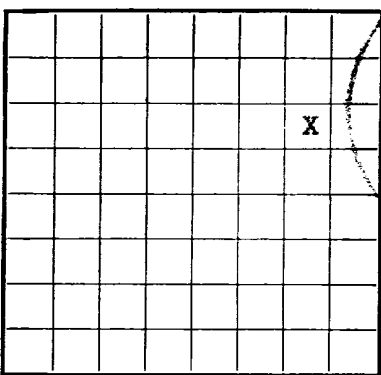




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079519-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 28-5 Unit Field Blanco Mesa Verde State New Mexico
Well No. 49 Sec. 23 T. 28N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 1550 ft. XXX of N Line and 250 ft. XX of E Line of Section 23 Elevation 7471
(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 _____

Date 9-25-61 Title Petroleum Engineer

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

Commenced drilling 8-17-, 1961 Finished drilling 9-1-, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6192 to 6272 (G) No. 4, from _____ to _____
No. 2, from 6272 to 6572 (G) No. 5, from _____ to _____
No. 3, from 6572 to 6799 (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"	32.30	8-14	J-55	321	Ward	_____	_____	_____	Surface
7 1/2"	20	8-14	J-55	4667	Saker	_____	_____	_____	Intermediate
4 1/2"	10.5	8-14	J-55	2237	Saker	_____	_____	_____	Prod. liner
2 3/8"	4.7	8-14	J-55	6728	_____	_____	_____	_____	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"	332	200	circulated	_____	_____
7 1/2"	4579	180	single stage	_____	_____
4 1/2"	6799	260	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
6698-6706; 6688-92;	Frac M.V. w/68,040 gal water,	70,000# sand. Fl w/9660 gal water, BDP	_____	_____	_____	_____
6672-76; 6664-68;	1100#, tr or 1400#, 1550-1800-2000#.	IR 53.8 BPM. Dropped 3 sets of	_____	_____	_____	_____
6644-52; 6620-28;	25 balls for 4 stages.	_____	_____	_____	_____	_____
6604-12; 6584-92;	_____	_____	_____	_____	_____	_____

TOOLS USED

Rotary tools were used from 0 feet to 4600 feet, and from 4600 gas filled 6799 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

9-4-, 1961 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 2,355,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1110EMPLOYEES A.O.F. 2930 MCF/D

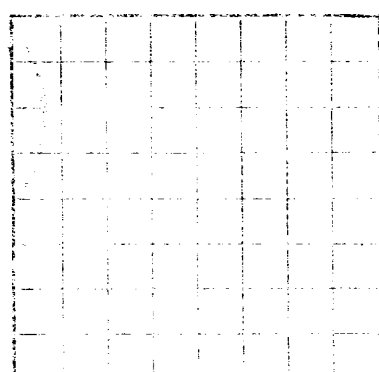
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	4422	4422	Not logged
4422	4578	156	Pictured Cliffs forms Gru, fine-grn, tight, varicolored soft ss.
4578	6192	1615	Lewis form. Gry, fine-grn, dense sil ss.
6192	6272	80	Cliff House ss. Gry, fine-grn, dense sil ss.
6272	6572	300	Menefee form. Gry, fine-grn s, carb sh & coal.
6572	6799	227	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



Company Name _____
Location of Well _____
Well No. _____
Date of Completion _____
Name of Driller _____
Name of Owner _____
Name of Operator _____
Name of Engineer _____
Name of Geologist _____
Name of Chemist _____
Name of Electrician _____
Name of Carpenter _____
Name of Blacksmith _____
Name of Painter _____
Name of Plumber _____
Name of Tinsmith _____
Name of Millwright _____
Name of Machinist _____
Name of Blacksmith _____
Name of Painter _____
Name of Plumber _____
Name of Tinsmith _____
Name of Millwright _____
Name of Machinist _____

OIL OR GAS SANDS OR ZONES

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 "detached" 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.

HISTORY OF OIL OR GAS WELL

FROM—	TO—	TOTAL FEET	FORMATION
PLUGS AND ADAPTERS			
SHOOTING RECORD			
TOOLS USED			
DATES			
EMPLOYEES			
FORMATION RECORD			
MENDING AND CEMENTING RECORD			