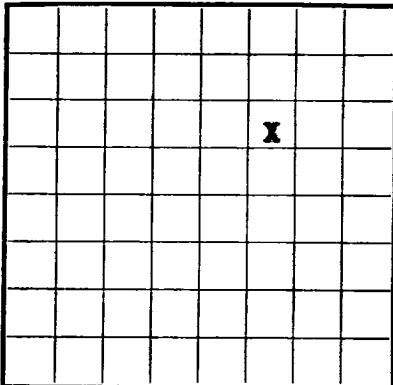




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079002
LEASE OR PERMIT TO PROSPECT _____

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. 36 Sec. 8 T. 30-NR. 6-W Meridian N.M.P.M. County Rio Arriba
Location 1790 ft. S. of N. Line and 1600 ft. W. of E. Line of Section 8 Elevation 6286
(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 R. G. MILLERDate August 31, 1961 Title Petroleum Engineer

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

Commenced drilling 7-24, 1961 Finished drilling 8-6, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5450 to 5613 (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		Purpose
							From—	To—	
9 5/8"	23.0	8 rd	23.0	23.0					Sub-case
7 1/2"	19.5	8 rd	19.5	19.5					Intermediate
4 1/2"	9.5	8 rd	9.5	9.5					Liner
2 3/8"	4.6	8 rd	4.6	5612					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 1/2"	3424	150	single stage		
4 1/2"	5695	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
5400-08; 5420-28;		Frac Mesa Verde w/51,026 gal water and 60,000# sand. Flushed				
5490-98; 5520-12;		w/8153 gallons. I.R. 56 B.M. Max pr 3000#, BDP 2000-2400-3000-				
5542-50; 5596-5604;		2700#				

TOOLS USED

Rotary tools were used from 0 feet to 3472 feet, and from 3472 (Gas) feet to 5700 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

8-6, 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 3,094,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1,090 (casing) A.O.F. 4158 MCF/D

EMPLOYEES

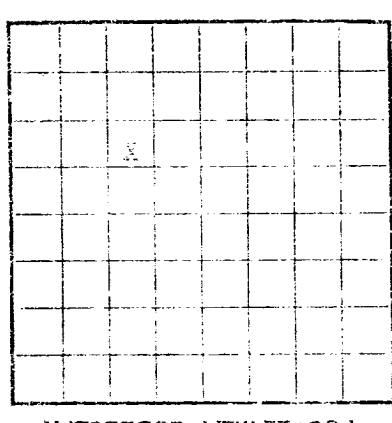
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	5091	5091	Not logged
5091	5191	100	Cliff House ss. Gry, fine-grn, dense sil ss.
5191	5450	259	Manefee form. Gry, fine-grn s, carb sh & coal.
5450	5613	163	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5613	5700	87	Mancos form. Gry carb sh.

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company _____
Lessor or Tract _____
Well No. _____
Location _____
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 _____
The summary on this page is for the condition of the well at above date.
Commenced drilling _____, 19____
Finished drilling _____, 19____

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

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

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. If changes were made in the casing, state fully, and if any casing was added, or left in the well, give its size and location. If the well has been dismantled, give date, size, position, and number of sheets. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

MUDDING AND CEMENTING RECORD

Size casing	Water set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

PLUGS AND ADAPTERS

Heavy plug—Material _____
Depth set _____
Size _____
Adapter—Material _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleared out

TOOLS USED

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

DATES

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment.
If gas well, oil per 24 hours _____, gas per 24 hours _____.
Gallons gasoline per 1,000 cu. ft. of gas _____.
Gravity, _____.
Put to producing _____, 19____.

EMPLOYEES

Driller _____
Driller _____
Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	200	200	Not logged
200	250	50	Little known oil, with fine sand, layers all oil.
250	300	50	Shale, brown, with thin oil, and some gas.
300	350	50	Point of sand, with thin oil, and some gas.
350	400	50	Shale, brown, with thin oil, and some gas.
400	450	50	Shale, brown, with thin oil, and some gas.
450	500	50	Shale, brown, with thin oil, and some gas.
500	550	50	Shale, brown, with thin oil, and some gas.
550	600	50	Shale, brown, with thin oil, and some gas.
600	650	50	Shale, brown, with thin oil, and some gas.
650	700	50	Shale, brown, with thin oil, and some gas.
700	750	50	Shale, brown, with thin oil, and some gas.
750	800	50	Shale, brown, with thin oil, and some gas.
800	850	50	Shale, brown, with thin oil, and some gas.
850	900	50	Shale, brown, with thin oil, and some gas.
900	950	50	Shale, brown, with thin oil, and some gas.
950	1000	50	Shale, brown, with thin oil, and some gas.