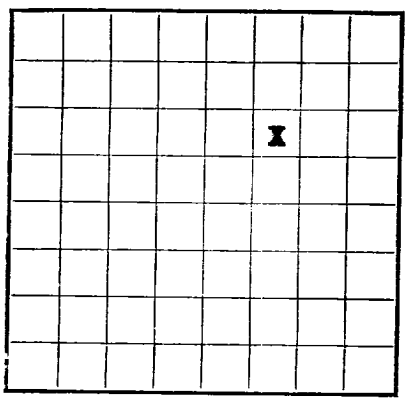
Form 9-330



LOCATE WELL CORRECTLY

RECEIVED
AUG 3 1961
OIL CON. COM.
DIST. 3

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078097
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 Heaton Field Basin Dakota State New Mexico

Well No. 14 Sec. 29 T. 31 R. 11 Meridian N.M.P.M. County San Juan

Location 1550 ft. [XXX S.] of N Line and 1500 ft. [XX W.] of E Line of 29 Elevation 5976
(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. W. Meehan

Date July 31, 1961 Title Petroleum Engineer

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

Commenced drilling 5-30-, 19 61 Finished drilling 6-19-, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6873 to 7002 (G) No. 4, from to

No. 2, from 7002 to 7173 (G) 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
10 3/4"	32.52	8 rd	[illegible]	293	Baker				Surface
7 5/8"	[illegible]	8 rd	[illegible]	2661	Baker				Intermediate
5 1/2"	17.15	8 rd	J-55,S-95	6831	Baker				Liner
4"	11.5	8	J-55	7206	Baker				prod.
2 1/16"	3.2	8 rd	J-55	3455					Prod tubing
2 3/8"	4.7	8 rd	J-55	3627					Prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	293	340	circulated		
7 5/8"	2661	450	single stage		
5 1/2"	6831	460	single stage		
4"	7206	160	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 2670 feet, and from 2670 Gas Drilled feet to 2134 feet

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

DATES

Date tubing run 6-25-61

Well Shut in 7-11-, 19 61 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 2,799,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 2008 A.O.F. 3267 MCF/D

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	4126	4126	Not logged
4126	4300	174	Cliff House ss. Gry, fine-grn, dense sil ss.
4300	4806	506	Menefee form. Gry, fine-grn s, carb sh & coal.
4806	4940	134	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
4940	6127	1187	Mancos form. Gry carb sh.
6127	6873	746	Greenhorn form. Highly calc gry sh w/thin lmst.
6873	7002	129	Graneros form. Drk gry sh, fossil & carb w/grite incl.
7002	7173	171	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/grite incl thin sh bands clay & sh breaks.
7173	7210	37	Morrison form. Interbed gry brn and red waxy sh & fr to cr grn sand.

FOLD | MARK

(OVER)

16—43094-5

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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

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 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.

Dakota

6-16-61 Perf 7006-7028;7054-7080; Frac w/69,890 gal water & 45,000# sand. BDP 1150#, Min tr pr 2500#, max pr 3400#. Dropped 3 sets of 20 balls for 4 stages.

6-19-61 Re-perf 7006-7028;7054-7080; Frac w/92,000 gal water, 49,500# sand. avg tr pr 3390# , max pr 3500#. I.R. 34 BPM. Dropped 5 sets of 20 balls for 6 stages.

6-23-61 Perf 6930-9940;6955-6965; Frac w/46,000 gal water, 40,000# sand. BDP 1500#, max pr 4000#, avg tr pr 3400-3850#, I.R. 36 BPM. Flush 7000 gal.