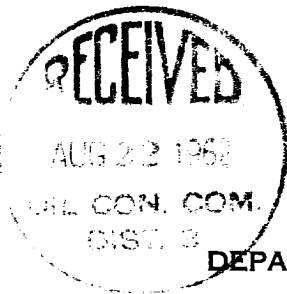


LOCATE WELL CORRECTLY



U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03541
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 Hancock "E" Field Aztec P. C. State New Mexico
Well No. 7 Sec. 30 T. 23N R. 2W Meridian N.M.P.M. County San Juan
Location 1450 ft. N. of S Line and 790 ft. W. of E Line of Section 30 Elevation 5005
(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. Moenan

Date August 17, 1962 Title Petroleum Engineer

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

Commenced drilling 7-12-, 19 62 Finished drilling 7-17-, 19 62

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2110 to 2174 (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—	
<u>8 5/8"</u>	<u>24</u>	<u>8 rd</u>	<u>J-55</u>	<u>112</u>	<u>Howco</u>				<u>Surface Production</u>
<u>2 7/8"</u>	<u>6.4</u>	<u>8 rd</u>	<u>J-55</u>	<u>2207</u>	<u>Baker</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8"</u>	<u>122</u>	<u>120</u>	<u>circulated</u>		
<u>2 7/8"</u>	<u>2220</u>	<u>150</u>	<u>single</u>		

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
<u>Perf 2132-38; 2112-18 (2 SFF); Frac w/30,700 gallons water, 30,000# sand. Flush w/2100 gallons water. I.R. 23.5 BPM. Max pr 3800#, BDP 1800#, tr pr 3000-3800#. 1 drop of 12 balls.</u>						

TOOLS USED

Rotary tools were used from 0 feet to 2220 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ 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 901,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 545 csg. A.O.F. 917 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1089</u>	<u>1089</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>1089</u>	<u>1200</u>	<u>111</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>1200</u>	<u>1810</u>	<u>610</u>	<u>Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>1810</u>	<u>2110</u>	<u>300</u>	<u>Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.</u>
<u>2110</u>	<u>2174</u>	<u>64</u>	<u>Pictured Cliffs forms. Gry, fine-grn, tight, varicolored soft ss.</u>
<u>2174</u>	<u>2220</u>	<u>46</u>	<u>Lewis form. Gry, fine-grn, dense sil ss.</u>

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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

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.

1. *Chrysomelids* (Coleoptera: Chrysomelidae) 10

[illegible]

THE CONSTITUTION

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