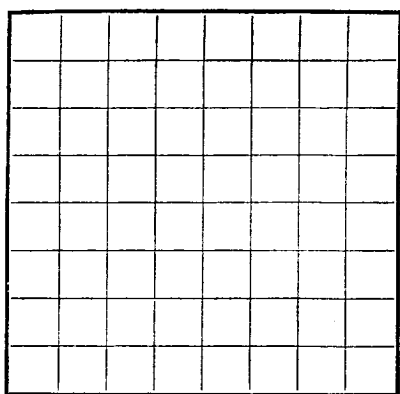
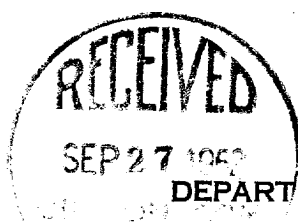




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078103**
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 Huerfano Field Basin Dakota State New Mexico
Well No. 135 Sec. 23 T. 26N R. 9W Meridian N.M.P.M. County San Juan
Location 1180 ft. XX of N Line and 1180 ft. XX of W Line of Section 23 Elevation 6412
(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 H.E. McANALLY

Date September 24, 1962Title Petroleum Engineer

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

Commenced drilling 8-6-62, 19____ Finished drilling 8-21-, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6411 to 6516 (G) No. 4, from _____ to _____
No. 2, from 6516 to 6724 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		Purpose
							From—	To—	
9 5/8"	32.5	8 rd	H-40	316	Howco				Surface
4 1/2"	19.5	8 rd	J-55	6714	Baker				Prod. casing
2 3/8"	4.7	8 rd	J-55	6573	Baker				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"	329	200	circulated		
4 1/2"	6724	365	2 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
Perf 6432-36; 6450-54; 6542-48; 6560-66; 6622-28; Frac w/84,000 gallons water, 80,000# sand. Flush w/6160 gallons water. I.R. 54 BPM. Max pr 2600#, BDP 1000#, tr pr 2000-2500#. Dropped 4 sets of 12 balls each.						

TOOLS USED

Rotary tools were used from 0 feet to 6724 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

9-6-, 19 62 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 5,811,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 2040 csg. A.O.F. 7143 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1165	1165	Tan to gry cr-grn ss interbedded w/gry sh.
1165	1343	178	Ojo Alamo ss. White cr-grn s.
1343	1787	444	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1787	2040	253	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2040	2112	72	Pictured Cliffs forms. Gry, fine-grn, tight, varicolored soft ss.
2112	3619	1507	Lewis form. Gry, fine-grn, dense sil ss.
3619	3696	77	Cliff House ss. Gry, fine-grn, dense sil ss.
3696	4445	749	Menefee form. Gry, fine-grn s, carb sh & coal.
4445	4635	190	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
4635	5496	861	Mancos form. Gry carb sh.
5496	6357	861	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg interbed sh.
6357	6411	54	Greenhorn form. Highly calc gry sh w/thin lmst.
6411	6516	105	Graneros form. Dk gry shale, fossil & carb w/prite incl. 6516
6516	6724	208	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bands clay & shale breaks.

