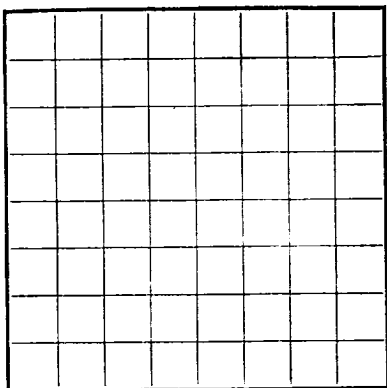


U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03017
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

RECEIVED
NOV 26 1962
U. S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

Company El Paso Natural Gas Company Address Box 920, Farmington, New Mexico
Lessor or Tract Buerfano Field Basin Dak. -Angel Peak Gallup State New Mexico
Well No. 92(22)(4890) T. 26N R. 7W Meridian N.M.P.M. County San Juan
Location 1650 ft. S of W Line and 1825 ft. E of W Line of Section 7 Elevation 6624
(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. McNALLY

Date November 19, 1962 Title Petroleum Engineer

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

Commenced drilling 11-18, 19 57 Finished drilling 6-28, 19 58

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

No. 1, from 5756 to 6992 (G) No. 4, from _____ to _____
No. 2, from 6627 to 6801 (G) No. 5, from _____ to _____
No. 3, from 6801 to 6987 (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 ftch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>10 3/4</u>	<u>40.5</u>	<u>8 rd</u>	<u>J-55</u>	<u>306</u>					<u>Production</u>
<u>5 1/2</u>	<u>27.17</u>	<u>8 rd</u>	<u>J-55</u>	<u>7004</u>					<u>Production</u>
<u>1 1/4</u>	<u>2.30</u>	<u>8 rd</u>	<u>J-55</u>	<u>6703</u>					<u>Prod tubing</u>
<u>1 1/4</u>	<u>2.30</u>	<u>8 rd</u>	<u>J-55</u>	<u>6060</u>					<u>Prod tubing</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10 3/4</u>	<u>319</u>	<u>250</u>	<u>circulated</u>		
<u>5 1/2</u>	<u>7015</u>	<u>450</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

TOOLS USED

Rotary tools were used from 0 feet to 7017 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

9-12-, 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 0-500,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 0-tbg. 1057; D-tbg. 1404

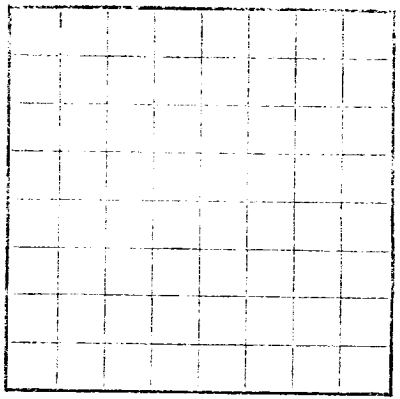
EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1290</u>	<u>1290</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>1290</u>	<u>1490</u>	<u>200</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>1490</u>	<u>2034</u>	<u>544</u>	<u>Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>2034</u>	<u>2295</u>	<u>261</u>	<u>Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.</u>
<u>2295</u>	<u>2375</u>	<u>80</u>	<u>Pictured Cliffs form.s Gry, fine-grn, tight, varicolored soft ss.</u>
<u>2375</u>	<u>3872</u>	<u>1497</u>	<u>Lewis form. Gry, fine-grn, dense sil ss.</u>
<u>3872</u>	<u>4910</u>	<u>1038</u>	<u>Manefee form. Gry, fine-grn s, carb sh & coal.</u>
<u>4910</u>	<u>5756</u>	<u>846</u>	<u>Mancos form. Gry carb sh.</u>
<u>5756</u>	<u>6292</u>	<u>536</u>	<u>Gallup form. Lt gry to brn calc carb micac glauco very fine grn ss w/irreg interbed sh.</u>
<u>6292</u>	<u>6627</u>	<u>335</u>	<u>Sancostee form. Brk gry calc very fine to fine gry ss w/calc veins w/irreg inter drk gry s.</u>
<u>6627</u>	<u>6801</u>	<u>174</u>	<u>Greenhorn form. Highly calc gry sh w/thin lmst.</u>
<u>6801</u>	<u>6987</u>	<u>186</u>	<u>Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bands clay & shale breaks.</u>
<u>6987</u>	<u>7017</u>	<u>30</u>	<u>Morrison form. Interbed grn brn and red waxy sh & fr to cr grn sand</u>

(OVER)



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

HISTORY OF OIL OR GAS WELL

[illegible]

10-777

FORMATION RECORD—Continued