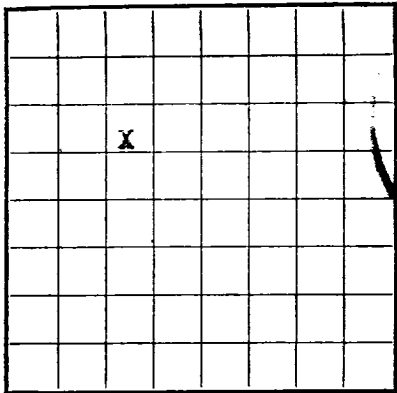
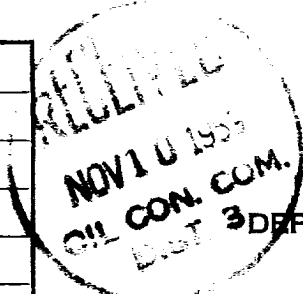


Form 9-330



LOCATE WELL CORRECTLY



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078012
LEASE OR PERMIT TO PROSPECT RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Huerfano Unit Field Wildcat Cal. & Dak. State New Mexico
Well No. 112 (GD) Sec. 17 T. 26N R. 10W Meridian N.M.P.M. County San Juan
Location 1650 ft. ON of N Line and 1650 ft. EW of W Line of Section 17 Elevation 6593
(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.L. NICKELL, JR.
Date 11-5-59 Title Petroleum Engineer

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

Commenced drilling 7-29, 19 59 Finished drilling 8-18, 19 59

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

No. 1, from 2045 to 2125 (G) No. 4, from 6564 to 6772 (G)
No. 2, from 3550 to 4719 (G) No. 5, from _____ to _____
No. 3, from 5637 to 6092 (G & 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 inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>10 3/4</u>	<u>32.77</u>	<u>8</u>	<u>F.B.</u>	<u>332</u>	<u>Reamer</u>	<u>510</u>			<u>Surface</u>
<u>7</u>	<u>43</u>	<u>8</u>	<u>J-55</u>	<u>6794</u>	<u>Reamer</u>	<u>510</u>			<u>Prod. Csg.</u>
<u>2</u>	<u>4.7</u>	<u>8 Rd.</u>	<u>J-55</u>	<u>6719</u>					<u>Prod. Tbg.</u>
<u>2</u>	<u>4.7</u>	<u>8 Rd.</u>	<u>J-55</u>	<u>5881</u>					<u>Prod. Tbg.</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>332</u>	<u>293</u>	<u>Circulated</u>		
<u>7</u>	<u>6794</u>	<u>360</u>	<u>Single Stage</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size Gilbertson "AC" Packer set at 5954'

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from _____ feet to 6795 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 9-28, 19 59 Put to producing _____, 19 _____
The production for the first 24 hours was 168 barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 100

If gas well, cu. ft. per 24 hours G-292,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. D-964,000
G-1031; D-1139 A.O.F. = Dak. 983 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1064</u>	<u>1064</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>1064</u>	<u>1178</u>	<u>114</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>1178</u>	<u>1701</u>	<u>523</u>	<u>Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>1701</u>	<u>2045</u>	<u>344</u>	<u>Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.</u>
<u>2045</u>	<u>2125</u>	<u>80</u>	<u>Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.</u>
<u>2125</u>	<u>3550</u>	<u>1425</u>	<u>Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.</u>
<u>3550</u>	<u>3643</u>	<u>93</u>	<u>Cliff House ss. Gry, fine-grn, dense sil ss.</u>
<u>3643</u>	<u>4563</u>	<u>920</u>	<u>Menassee form. Gry, fine-grn s, carb sh & coal.</u>
<u>4563</u>	<u>4719</u>	<u>156</u>	<u>Point Lookout form. Gry, very fine sil ss w/ frequent sh breaks.</u>
<u>4719</u>	<u>5637</u>	<u>918</u>	<u>Mancos formation. Gry carb sh.</u>
<u>5637</u>	<u>6092</u>	<u>455</u>	<u>Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh.</u>
<u>6092</u>	<u>6445</u>	<u>353</u>	<u>Sanastee form. Drk gry calc very fine to fine gry ss w/calc veins w/irreg inter drk gry s.</u>
<u>6445</u>	<u>6555</u>	<u>110</u>	<u>Greenhorn form. Highly calc gry sh w/thin lmt.</u>
<u>6555</u>	<u>6564</u>	<u>9</u>	<u>Graneros form. Dk gry shale, fossil & carb w/ prite incl.</u>
<u>6564</u>	<u>6772</u>	<u>208</u>	<u>Dakota form. Dk gry shale, fossil & carb w/prite incl thin sh bands clay & shale breaks.</u>
<u>6772</u>	<u>6795</u>	<u>23</u>	<u>Morrison form. Interbed grn brn & red waxy sh & ss to cr grn sd.</u>

