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LOCATE WELL CORRECTLY

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03560
LEASE OR PERMIT TO PROSPECT 14-08-001-459UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 927, Farmington, New Mexico
Lessor or Tract San Juan 28-7 Unit Field San Blanco P.O. State New Mexico
Well No. 16 Sec. 30 T. 27N R. 7W Meridian NMPM County Rio Arriba
Location 680 ft. S. of N Line and 1680 ft. W. of E Line of Section 30 Elevation 6055'
(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

Date November 8, 1954Title Petroleum Engineer

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

Commenced drilling September 19, 1954 Finished drilling October 1, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2323 to 2395 (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>9-5/8</u>	<u>25.4</u>	<u>3 W.</u>	<u>Arco</u>	<u>97.60</u>	<u>Arco</u>				<u>Surface</u>
<u>5-1/2</u>	<u>22.5</u>	<u>3 W.</u>	<u>Arco</u>	<u>2135</u>	<u>Arco</u>				<u>2-00 ft. from</u>
									<u>Producing</u>
<u>1</u>	<u>1.66</u>	<u>6 RD</u>	<u>Youngstown</u>	<u>2306.97</u>					<u>Producing</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8</u>	<u>109.10</u>	<u>125</u>	<u>Circulated</u>		
<u>5-1/2</u>	<u>2322</u>	<u>150</u>	<u>Single Stage</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>See Well History</u>						

TOOLS USED

Rotary tools were used from _____ feet to 2322 feet, and from _____ feet to _____ feet
Cable tools were used from 2322 feet to 2395 feet, and from _____ feet to _____ feet

DATES

_____ October 3, 1954 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 2,237,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 377

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>303</u>	<u>303</u>	<u>Tan cr-grn ss w/thin sh breaks.</u>
<u>303</u>	<u>610</u>	<u>307</u>	<u>Variegated sh w/thin ss breaks.</u>
<u>610</u>	<u>1483</u>	<u>873</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>1483</u>	<u>1646</u>	<u>163</u>	<u>Ojo Alamo cr. W/lt cr-grn s.</u>
<u>1646</u>	<u>2057</u>	<u>411</u>	<u>Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>2057</u>	<u>2323</u>	<u>266</u>	<u>Freeland formation. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.</u>
<u>2323</u>	<u>2395 (Sample)</u>	<u>72</u>	<u>Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.</u>

FROM—

TO—

TOTAL FEET

[OVER]

FORMATION

16-43094-3

FORMATION RECORD—Continued

