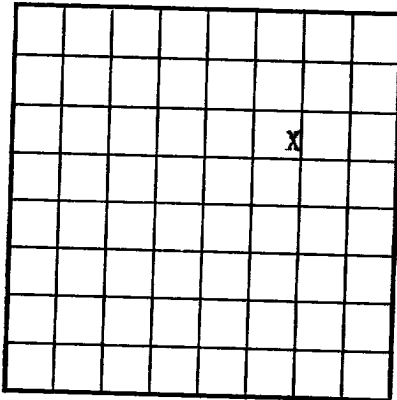


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078119
LEASE OR PERMIT TO PROSPECT
No. Sec. 13 designated
as drilling unit.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Pubco Development, Inc. Address P.O. Box 1360, Albuquerque, N.M.
Lessor or Tract Suter Federal 1X Field Blanco Mesa Verde State New Mexico
Well No. 1X Sec. 13 T. 32N R. 11W Meridian N.M.P.M. County San Juan
Location 1637 ft. N of N Line and 1650 ft. E of E Line of Sec. 13 Elevation 6,288
(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.

Date 1-16-53Signed Charles L. Peters
Title Geologist

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

Commenced drilling 8-27-, 19 52 Finished drilling 12-30, 19 52

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4884 to 4966 G No. 4, from _____ to _____
No. 2, from 5294 to 5500 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—	
<u>10 3/4</u>	<u>32.75</u>	<u>8 rd.</u>	<u>H 40</u>	<u>177</u>	<u>Ball</u>	<u>Blanco Mesa Verde</u>			
<u>7</u>	<u>28</u>	<u>8 rd.</u>	<u>Std.</u>	<u>175</u>	<u>Ball</u>	<u>Blanco Mesa Verde</u>			
<u>2</u>	<u>4.7</u>	<u>8 rd.</u>	<u>Std.</u>	<u>175</u>	<u>Ball</u>	<u>Blanco Mesa Verde</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>177</u>	<u>175</u>	<u>Howe</u>		
<u>7</u>	<u>4,828</u>	<u>285</u>	<u>"</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>Metal</u>	<u>Solidified Nitro</u>	<u>1,783</u>	<u>12-31-51</u>	<u>4895-5523</u>	<u>5523</u>

TOOLS USED

Rotary tools were used from Surface feet to 4,828 feet, and from _____ feet to _____ feet
Cable tools were used from 4,828 feet to 5525 feet, and from _____ feet to _____ feet

DATES

Jan. 11, 19 53 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 1,500 MCF 6 hr test Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 938

EMPLOYEES

R. J. Schmidt, Driller T. D. Herwell, Driller
Sam Dennis, Driller C. C. Lachar, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>1170</u>	<u>2530</u>	<u>1460</u>	<u>Kirtland</u>
<u>2530</u>	<u>3015</u>	<u>485</u>	<u>Fruitland</u>
<u>3015</u>	<u>3120</u>	<u>105</u>	<u>Pictured Cliffs</u>
<u>3120</u>	<u>4801</u>	<u>1681</u>	<u>Lewis</u>
<u>4801</u>	<u>4967</u>	<u>166</u>	<u>Cliffhouse</u>
<u>4967</u>	<u>5293</u>	<u>326</u>	<u>Manefee</u>
<u>5293</u>	<u>5494 ?</u>	<u>201</u>	<u>Point Lookout</u>
<u>5494</u>	<u>5525</u>	<u>31</u>	<u>Shale & sand</u>
	<u>5525 TD</u>		

