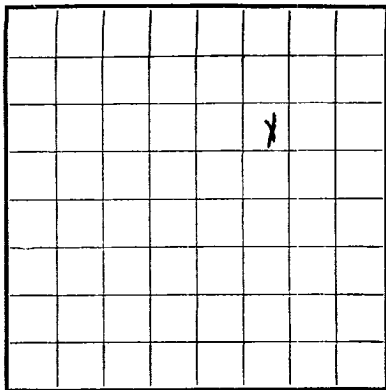


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078503-A
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

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 Hardie Field Blanco State New Mexico
Well No. 1-C Sec. 19 T. 29N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 1450 ft. North of N. Line and 1750 ft. West of E. Line of Section 19 Elevation 6675'
(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 School Phileman

Date October 21, 1953 Title Petroleum Engineer.

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

Commenced drilling 8-21, 19 53 Finished drilling 9-12, 19 53

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3367 to 3433 (G) No. 4, from 5535 to 5670 (G)
No. 2, from 5020 to 5214 (G) No. 5, from _____ to _____
No. 3, from 5214 to 5535 (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>9-5/8</u>	<u>25.4</u>	<u>8 W.</u>	<u>Armed</u>	<u>162</u>	<u>Armed</u>				<u>Surface</u>
<u>7</u>	<u>23</u>	<u>8 W.</u>	<u>Armed</u>	<u>2012</u>	<u>Baker</u>				<u>Prod. 1953.</u>
<u>7</u>	<u>23</u>	<u>8 W.</u>	<u>Armed</u>	<u>3001</u>	<u>Baker</u>				<u>Prod. 1953.</u>
<u>2</u>	<u>4.7</u>	<u>8 rd.</u>	<u>Youngst.</u>	<u>5636</u>					<u>Prod. 1953.</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>173</u>	<u>125</u>	<u>Circulated</u>		
<u>7</u>	<u>5009</u>	<u>500</u>	<u>Sing. 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>quart</u>	<u>Regular</u>	<u>S.N.G.</u>	<u>1672</u>	<u>9-13-53</u>	<u>5077-5665</u>	<u>5670</u>

TOOLS USED

Rotary tools were used from 0 feet to 5009 feet, and from 5009 feet to 5670 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

September 14, 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 4,160,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure lbs. per sq. in. _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

LOCATE WELL CORRECTLY

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

(1) CO_2 emissions

[illegible]

at _____ month(s) of _____
at _____ month(s) of _____

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

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