

U. S. LAND OFFICE
SERIAL NUMBER 14-20-603-2055
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JUL 18 1962
GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Bush Drilling Co. Address 190 Hall Ave. Grand Junction, Colo.
Lessor or Tract Indian - Navajo Field Wildcat State New Mexico
Well No. 5 Sec. 13 T. 30N R. 17W Meridian N.M.P.M. County San Juan
Location 330 ft. N. of N Line and 330 ft. E. of W Line of Sec. 13 Elevation 5170
(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 William G. Bush Title Owner

Date July 5, 1962

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

Commenced drilling May 7, 1962 Finished drilling May 17, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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>5 1/2</u>	<u>14</u>	<u>8</u>	<u>J-55</u>	<u>30.9</u>	<u>None</u>				<u>Surface</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>5 1/2</u>	<u>32.1</u>	<u>8</u>	<u>Pump</u>		
	<u>795 to 925</u>	<u>15</u>	<u>Pump</u>		
	<u>0 to 100</u>	<u>10</u>	<u>Pump</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 925 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

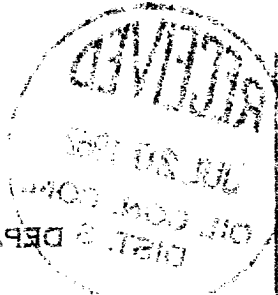
EMPLOYEES

_____Norman Krug_____, Driller _____Gene Hays_____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>819</u>	<u>819</u>	<u>Mancos Shale</u>
<u>819</u>	<u>833</u>	<u>14</u>	<u>Tocito</u>
<u>833</u>	<u>894</u>	<u>61</u>	<u>Shale</u>
<u>894</u>	<u>905</u>	<u>11</u>	<u>Sanastee</u>
<u>905</u>	<u>925</u>	<u>20</u>	<u>Shale</u>

FOLD MARK



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company: Standard Oil Co. of Ind.
 Location: Tract 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
 Well No. 1
 The information given herewith is a complete record of the well and all work done thereon as far as can be determined from all available records.
 Signed: John D. Smith
 Date: July 20, 1918

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

Commanded drilling: 1918
 OIL OR GAS RANGES OR ZONES
 (Circle any (s))
 No. 1 from 0 to 10
 No. 2 from 10 to 20
 No. 3 from 20 to 30
 IMPORTANT WATER RANGES
 No. 1 from 0 to 10
 No. 2 from 10 to 20

CASING RECORD

Section	Size	Weight per foot	Length	Threads per foot	Make	Amount	Kind of casing	Int and offset from	Purpose

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 "sideracked" or left in the well, give its size and location. If the well has been dynamited, give date, 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 heating.

HISTORY OF OIL OR GAS WELL

Section	From	To	Total Feet	Formation
MIDDING AND CEMENTING RECORD				
SHOOTING RECORD				
TOOLS USED				
EMPLOYEES				
FORMATION RECORD				

MEAN TIME