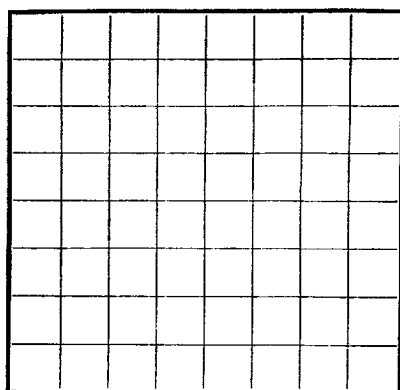


U. S. LAND OFFICE SANTA FE
SERIAL NUMBER NM 088040A
LEASE OR PERMIT TO PROSPECT Nancy FederalUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Dorfman Production Company Address 836 Mercantile Dallas Building Dallas 1, Texas
Lessor or Tract Nancy Federal Field Escrito (Gallup) State New Mexico
Well No. 1 Sec. 12 T. 24N R. 8W Meridian N.M.P.M. County San Juan
Location 790 ft. N. of S. Line and 790 ft. E. of E. Line of Sec. 12 Elevation 7255 D.F.
(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 March 5, 1961 Signed S. E. Harshman Title General Manager

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

Commenced drilling February 10, 19 61 Finished drilling February 23, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6104 to 6120 No. 4, from _____ to _____
No. 2, from 6147 to 6153 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—	
8-5/8	24	8	Youngstown	206	Guide				Surface Csg.
4-1/2	16.6	8	Youngstown	6203	Plug				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	206	150	Pump	"	Full Hole
4-1/2	6203	175	Pump	"	Full Hole

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
45 cal.	Bullet		64	3/1/61	6104-20	6167
45 cal.	Bullet		24	3/1/61	6147-53	6167

TOOLS USED

Rotary tools were used from 0 feet to 6205 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 20, 19 61 Put to producing March 14, 19 61

The production for the first 24 hours was 213 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 40

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Rutledge Drilling Company, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2503	2630		Pictured Cliffs
4050	4141		Cliff House
4750	5070		Point Lookout
5070	5905		Mancos Shale
5905	6120		Upper Gallup
6120	TD		Lower Gallup
LEOW—	LO—	LOLYT REEL	LOBYVATION

FORMATION RECORD—Continued

PLEASE OR PERMIT TO PROSPECT _____
SERIAL NUMBER _____
U. S. LAND OFFICE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Date _____
 Title _____
 Signed _____
 so far as can be determined from all available records.
 The information given herewith is a complete and correct record of the well and all work done thereon
 Location ft. S. of Line and ft. W. of Line of
 Well No. Sec. T. R. Meridian County State
 Lessor or Tract _____
 Company _____
 Address _____

Commenced drilling _____, 19____
 Finished drilling _____, 19____

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

OIL OR GAS SANDS OR ZONES

(Desroté gas py G)

No. 1, from	1890	to	No. 4, from	1893
No. 2, from	1891	to	No. 5, from	1894
No. 3, from	1892	to	No. 6, from	1895

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

No. 8 from _____ to _____
No. 9 from _____ to _____

CASING RECORD

Size casing per foot	Weight per foot	Threads per inch	Marks	Amount	Kind of shoe	Cut and drilled from	Perforated	Purpose
						From	To	
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, state in the well, give the 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 balling.								

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

RECORDING AND CEMENTING RECORD

Size casting	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12 in.	100	100	100	100	100
14 in.	100	100	100	100	100

PLUGS AND ADAPTERS

Adapters—Material	Size
Heaving plug—Material	Length
	Depth set

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
12	12		1	1/10	10	10
12	12		1	1/10	10	10

TOOLS USED

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

[illegible]

If gas well, cu. ft. per 24 hours emulsion; % water; and % sediment The production for the first 24 hours was	Put to producing barrels of fluid of which % was oil; %
Gallons gasoline per 1,000 cu. ft. of gas Gravity, °Bé.	1911

EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

FORMATION	TOTAL FEET	TO—	FROM—
1. 1000' to 1000'		1000'	1000'
2. 1000' to 1000'		1000'	1000'
3. 1000' to 1000'		1000'	1000'
4. 1000' to 1000'		1000'	1000'
5. 1000' to 1000'		1000'	1000'
6. 1000' to 1000'		1000'	1000'
7. 1000' to 1000'		1000'	1000'
8. 1000' to 1000'		1000'	1000'
9. 1000' to 1000'		1000'	1000'
10. 1000' to 1000'		1000'	1000'
FORMATION	TOTAL FEET	TO—	FROM—