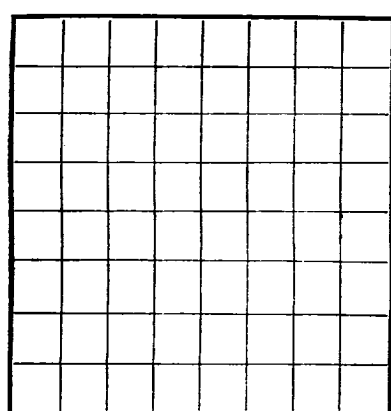


U. S. LAND OFFICE Santa FeSERIAL NUMBER NM-03595LEASE OR PERMIT TO PROSPECT Elizabeth FederalUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Dorfman Production Company Address 336 Mercantile Dallas Building, Dallas 1, Texas
Lessor or Tract Elizabeth Federal Field Escrito (Gallup) State New Mexico
Well No. 1 Sec. 18 T. 24N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 1850 ft. N. of N. Line and 990 ft. E. of E. Line of Sec. 18 Elevation 7267
(Derick 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 S. L. Florsheim Jr.Date October 1, 1960Title General Manager

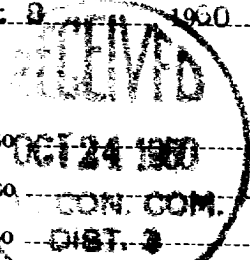
The summary on this page is for the condition of the well at above date.

Commenced drilling July 3, 1960 Finished drilling August 9, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6108 to 5133 No. 4, from _____ to _____
No. 2, from 6156 to 7194 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____



CASHING RECORD							
No.	From	To	Amount	By	Date	By	Date
1	5/8	24	8	Young	10/1	1960	
2	1/2	7227	425	sacks-25 gal. Latex			
HISTORY OF OIL OR GAS WELL							
10-33091-3 U. S. GOVERNMENT PRINTING OFFICE							

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8	225	125	Pump	70	Full hole
1/2	7227	425 sacks-25 gal. Latex	Pump	70	Full hole

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set 7100'Adapters—Material Baker Cast Iron Plug Size 5 1/2"

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to 7232 feet, and from _____ feet to _____ feet

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

DATES

October 17, 1960Put to producing October 7, 1960The production for the first 24 hours was 250 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

Canyon Service Company, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2537	2650		Pictured Cliffs
4090	4115		Cliff House
4855	5107		Point Lookout
5107	5395		Mancos Shale
5395	6073		Upper Gallup
6073	6475		Lower Gallup
6350	6902		Greenhorn
6930	6977		Graneros
7024	7066		1st Dakota
7093	7133		2nd Dakota
7154	7203		Basal Sand
LEON—	LO—	LOLYT LEVEL	LOBNVLION

(OVER)

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.

Commenced drilling July 3, 1960 Finished drilling August 3, 1960

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

Date October 1, 1960 Title General Manager

(Derote das by G)

ridge piling @ 7100' with 15' of cement on piling. Then perforated and completed casing zone. Casing perforated 108-33' w/4 jet shots per ft. Traced w/50000# sand and subbed w/ WATER SANDS

et was 11.650 lb of 7256, and casing set to 7 lb. Bedal Dakota S as perforated 7156-94, w/4 jet shots per ft. and fraced w/26000# sand. and recovered. Squeezed zone and fraced 7165-80, and fraced w/33600

16-4309-2 U. S. GOVERNMENT PRINTING OFFICE

Rate casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
1/2	1225	455 sacks-25 sol.	5000	30	1111.010
2/3	225	125	5000	30	1111.010

Length

Adapters—Material	Length	Depth set 1700
Heaving plug—Material		

[illegible]

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

1

Item	Value	Unit
If gas well, cu. ft. per 24 hours	19.00	
Emulsion; % water; and % sediment	7.00	%
Gallons gasoline per 1,000 cu. ft. of gas	4.00	
Gravity, °Bé.	68.00	
Barrels of fluid of which % was oil; %	3.00	%
Put to producing	1.00	

1

Driller	Driller	Driller	Driller
Driller	Driller	Driller	Driller

FROM-	TO-	TOTAL FEET	FORMATION
7124	7503		Basal Sand
7008	7138		2nd Dakota
7024	7000		1st Dakota
6920	6777		Graneros
6850	6902		Greenhorn
6073	6675		Lower Gypsum
5902	6071		Upper Gypsum
5167	5982		Manitou Shale
4825	5163		Point Lookout
4090	4112		Cliff House
3237	3880		Weathered Giffels

FORMATION RECORD—Continued

(OVER)

~~SECRET~~ - 81