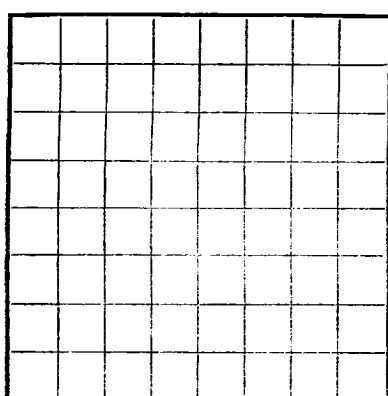


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **NM 03595**
LEASE OR PERMIT TO PROSPECT **Elizabeth Federal**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **Dorfman Production Company** Address **836 Mercantile Dallas Building
Dallas 1, Texas**

Lessor or Tract **Elizabeth Federal** Field **Escrito (Gallup)** State **New Mexico**

Well No. **4** Sec. **18** T. **24N** R. **7W** Meridian **N.M.P.M.** County **Rio Arriba**

Location **1650** ft. **SW** of **N** Line and **2310** ft. **EX** of **E** Line of **Sec. 18** Elevation **7291**
(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

*L. L. Florsheim*Date **January 5, 1962**Title **General Manager**

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

Commenced drilling **11/24**, 19 **61** Finished drilling **12/7**, 19 **61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **6128** to **6144** No. 4, from _____ to _____

No. 2, from **6172** to **6178** 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	Fabricated		Purpose
							From—	To—	
8-5/8	24	8	205	150	Pump	6128-6144	6128	6144	Full Hole
4-1/2	6238	175	Pump			6172-6178	6172	6178	Full Hole

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	205	150	Pump		Full Hole
4-1/2	6238	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
3/8"	Bullet		4 per ft	12/15/61	6128-6144	6186'
					6172-6178	

TOOLS USED

Rotary tools were used from **0** feet to **6243** feet, and from _____ feet to _____ feet

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

DATES

Put to producing **January 3**, 19 **62**The production for the first 24 hours was **218** 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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2605	2665		Pictured Cliff
3380	3600		Mesa Verde
4850	5155		Point Lookout
5155	5928		Mancos Shale
5928	T.D.		Gallup

FORMATION RECORD—Continued

RECEIVED
JAN 1965
OIL CON. COM.
DIST. 3
DEPAR

License or Permit to Prospect
 Serial Number 1M 03595
 U.S. Land Office
 Santa Fe
 United States No. 13-R355A
 Expired 12-31-60

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

LOG OF OIL OR GAS WELL

Date _____ January 8, 1962
Signed _____
Title _____ General Manager

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.

Location [S] of R. Line and [W] of N. Line of [] Meridian Well No. [] Sec. [] T. [] R. [] W. Meridian Lessor or Trustee [] Oil and Gas Leasehold Company, Address Dallas I., Texas 836 Mercantile Dallas Building LOCATE WELL OR PROBABLY

11-24	19 51	Completed drilling
11-27	19 51	Finished drilling
12-1	19 51	

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

OIL OR GAS SANDS OR ZONES

No. 8 from	to	No. 6 from	to
No. 7 from	to	No. 5 from	to
No. 4 from	to	No. 4 from	to

IMPORTANT WATER SAVING

20/40 sand, 49000 gals. removed through
 6128-6144 ft and 6172-6178 ft.
 Fraced average 3200#, injection rate 30 bpm.
 to No. 1 from
 to No. 2 from

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, together with the reasons for the work and results. If there were any changes made in the casing, size, type, or depth, state the same, and the reasons for the work and results. If the well has been dynamited, give date, size, position, and number of charges left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of charges left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of charges left in the well, give its size and location.

PROVISIONS OF OIL OR GAS WELL

16-43000-2 U. S. GOVERNMENT PRINTING OFFICE

Coasting size	Wet set	Number sacks of cement	Method used	Kind of clay	Amount of mud used
1/2	8258	130	Drop		Full hole
5/8	8259	130	Drop		Full hole

PLUGS AND ADAPTERS

Adaptors—Material	Size	Length	Depth set
Heaving plug—Material			

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleared out
3 1/2"	Relief		4 per ft	12-10-1917	12-10-1917	12-10-1917

TOOLS USED

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

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK	INITIALS
10/1/58	...	...	...	...	...
10/2/58	...	...	...	...	...
10/3/58	...	...	...	...	...
10/4/58	...	...	...	...	...
10/5/58	...	...	...	...	...
10/6/58	...	...	...	...	...
10/7/58	...	...	...	...	...
10/8/58	...	...	...	...	...
10/9/58	...	...	...	...	...
10/10/58	...	...	...	...	...
10/11/58	...	...	...	...	...
10/12/58	...	...	...	...	...
10/13/58	...	...	...	...	...
10/14/58	...	...	...	...	...
10/15/58	...	...	...	...	...
10/16/58	...	...	...	...	...
10/17/58	...	...	...	...	...
10/18/58	...	...	...	...	...
10/19/58	...	...	...	...	...
10/20/58	...	...	...	...	...
10/21/58	...	...	...	...	...
10/22/58	...	...	...	...	...
10/23/58	...	...	...	...	...
10/24/58	...	...	...	...	...
10/25/58	...	...	...	...	...
10/26/58	...	...	...	...	...
10/27/58	...	...	...	...	...
10/28/58	...	...	...	...	...
10/29/58	...	...	...	...	...
10/30/58	...	...	...	...	...
10/31/58	...	...	...	...	...

Rock pressure, lbs. per sq. in.	19.32
It gas well, cu. ft. per 24 hours	100.00
Emulsion: % water; and % sediment.	100.00
The production for the first 24 hours was	100.00
Barrels of fluid of which % was oil; %	100.00
Put to producing	10.32

EMPLOYEES

Driller		Driller		Driller	
Driller		Driller		Driller	

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
3800	3800		Shinarump
3800	3800		Shinarump
4820	4820		Shinarump
5150	5150		Shinarump
5250	5250		Shinarump

FORMATION RECORD—Continued

ЖНАМ | 0107