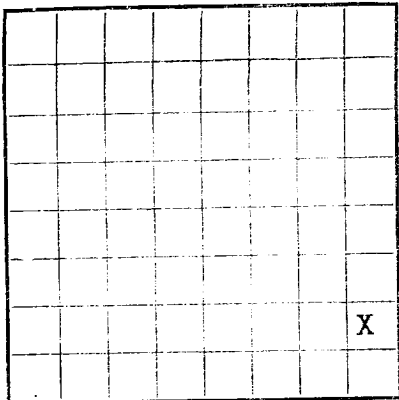


Santa Fe
U. S. LAND OFFICE
SERIAL NUMBER 073043
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY
Company Pubco Development Inc. Address Box 344
Lessor or Tract J. F. Higgs Fed. Field Wilcat State New Mexico
Well No. 2-4 Sec. 23 T. 26N R. 7W Meridian N. M. P. M. County Rio Arriba
Location 1020 ft. (N.) of S. Line and 330 ft. (E.) of W. Line of Sec. 23 Elevation 6287
(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 Charles S. Peters
Date March 17, 1953 Title Geologist

The summary on this page is for the condition of the well at above date.
Commenced drilling 2-26, 1953 Finished drilling 3-10, 1953

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from to No. 4, from
No. 2, from to No. 5, from
No. 3, from to No. 6, from

IMPORTANT WATER SANDS

No. 1, from to No. 3, from
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	
103/4	32.75	3 rd.	L.W. & S. M. S.	147	HOWCO				
HISTORICAL RECORD OF OIL OR GAS SANDS									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
103/4	147	90	HOWCO		

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 Surface 2341 feet to feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet
P. & A. 3-11-53

DATES

Put to producing 1953
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

E. L. Cooper, Driller B. J. Copeland, Driller
Jerry Sisk, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
Surface	1707	1707	Tertiary Sands & Shales
1707	2034	327	Kirtland
2034	2268	234	Fruitland
2268	2341	73	Pictured Cliffs
	T. D. 2341		

LETTERS ON PAPER AND PAPER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FOR OFFICIAL USE ONLY

[illegible]

47
NO BOX IN TOP OF CREEK
PIPE MARKER

Elevation

County

State

Latitude

Longitude

1500 - 1725 with 30 day
: :
1825 - 1900
1900 - 1925

Wm. D. Sullivan

7-67-2132 with 30 GUX

100-443886-1000

2016 - 2341 rec. 2991
161 SS, 1. Gray to Gray, V.J. - City of
8 Partings, title; 171 SS. Gray - City of
2016 - 2341 rec. 2991

7-10-68
P.K.
2890 - 2316 Rec. 5017
I am enclosing 7 copies of the above mentioned letter to Mr. J. Edgar Hoover, I also, V.L. - MIRA.

[illegible]

Core 1 L: 240 - 259 sec. 191

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

HISTORY OF OIL OR GAS WELL

[illegible][illegible]