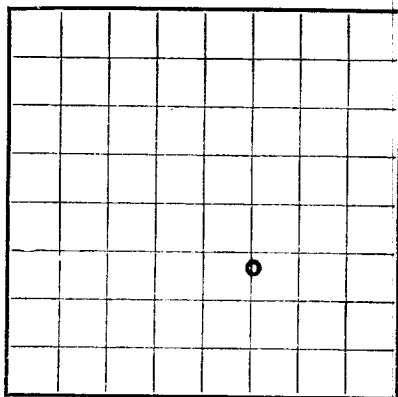


U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **NM-03998**

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **Pubco Development Inc.** Address **Box 844, Aztec, New Mexico**
Lessor or Tract **Trieb** Field **Aztec P.C.** State **New Mexico**
Well No. **1** Sec. **33** T. **30N** R. **10W** Meridian **N.M.P.M.** County **San Juan**
Location **1650** ft. **(N.)** of S. Line and **1650** ft. **(W.)** of E. Line of Sec. **33** Elevation **6038**
(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 **K. D. Sharp** *K. D. Sharp*Date **12-4-53** Title **Geologist**

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

Commenced drilling **10-23**, 19**53** Finished drilling **10-31**, 19**53****XXXXXXXXXX GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from **2064** to **2550** 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	Purposed	Purpose
						From	To	
9 5/8	30-32	8 rd.	Spang	98	Howco			
5 1/2	24	8 rd.	Spang	2463	Howco			

It is of the greatest importance to make a complete history of the well. Please state in detail the dates of recording together with the reasons for the work and its results. If there were any changes made in the casing size, and if any casing was added or left in the well, state its size and location. If the well has been abandoned, state the size, location, and number of the casing, and if any casing was added or left in the well, state its size and location.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	98	150	Howco		
5 1/2	2463	187	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
2 x 4"	Dump	SNG	280	11-19-53	2479-2550	2555

TOOLS USED

Rotary tools were used from **Surface** feet to **2577** feet, and from _____ feet to _____ feet
Cable tools were used on **shoot well, fell out & run tubing** feet to _____ feet

DATES

Put to producing _____, 19**53**

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 **1612 M** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **670 (51 CP)**

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1330	1330	Tertiary Sands & shales
1330	2112	780	Kirtland
2112	2464	552	Fruitland
2464	2550	86	Pictured Cliffs
2550	2577	27	Lewis
	TD 2577		

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SERIAL NUMBER 1M-03998
U.S. LAND OFFICE
HONOLULU

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

Company Name _____
 Address _____
 State _____
 Zip _____
 Phone _____
 Elevation _____

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.

L. D. Hargis
 L. D. Hargis
 State of Texas

Completed drilling _____ 10-25 _____, 1941. Finished drilling _____ 10-31 _____, 1941.

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

NUMBER OF GAS BANDS OR ZONES

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

IMPORTANT WATER SANDS

CASING RECORD

[illegible]

HISTORY OF OIL OR GAS WELL

SLUDDING AND CEMENTING RECORD

Weight of cylinder	Water vol	Number sacks of cement	Height of cone	Slump gravity	Amount of fine sand
14.0	6	10	10.0		
14.0	6	10	10.0		

PLUGS AND ADAPTERS

Sheeting Record _____
 Size _____
 Length _____
 Depth set _____

SHOOTING RECORD

Size	Shell used	Labels used	Quantity	Date	Depth shot	Depth classed on
10	10	10	10	10-10-10	10-10-10	10-10-10

TOOLS USED

test ----- feet to ----- feet and from ----- feet to ----- feet
test ----- feet to ----- feet and from ----- feet to ----- feet

DATE

It has well over 100 barrels per 24 hours	100%	100%
Emulsion; 100% water; and 100% sediment	100%	100%
The production for the first 24 hours was	100%	100%
100%	100%	100%
Put to producing	100%	100%

EMERGENCY

[illegible]

FORMATION RECORD

[illegible]