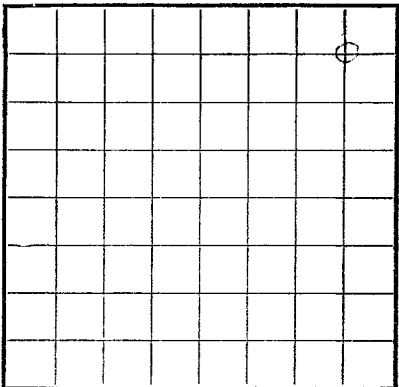




Township, Colo. **14-20-604-119**
U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Pubco Petroleum Corp.** Address **106 W. Chuska, Aztec, N. Mex.**
Lessor or Tract **Ute Mountain** Field **New Mexico**
Well No. **18-1** Sec. **18** T. **31N** R. **14W** Meridian **NMPM** County **SAN JUAN**
Location **734** ft. **N** of **N** Line and **540** ft. **E** of **E** Line of **Sec. 18** Elevation **5778**
(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 **3-26-1957** Signed **James E. Goldsman** Title **District Geologist**

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

Commenced drilling **2-23**, 19**57** Finished drilling **3-7**, 19**57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2308** to **2389** 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	Perforated		Purpose
							From—	To—	
9 5/8 32.3	8	8	Lonestar	98.56	Horse				Surface
5 1/2 22.7	6	6	Lonestar	220.1	Horse				Production
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 5/8 113.46		125 sx 25% calson	Circulated		
		4% calcium chloride			
5 1/2 2279		30 sx reg 30 cu	2 Plug		
		ft. stratacrete, 6% Gel			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

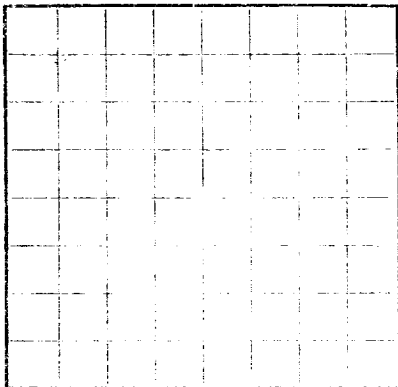
Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Sand	Oil Free	2279-2389	=/ 26124 gal oil,	20,000 LB sand	20-40	
Mesh.	No breakdown,	treating pressure	800 psi,	Injection rate		
51 BP	minute.					

TOOLS USED

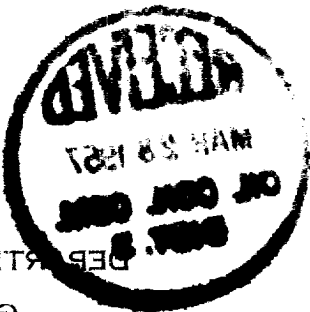
Rotary tools were used from **Surface** feet to **2281** feet, and from _____ feet to _____ feet
Cable tools were used from **2281** feet to **2389** feet, and from _____ feet to _____ feet

DATES

3-26, 19**57** Put to producing **3-23**, 19**57**
The production for the first 24 hours was **30** barrels of fluid of which **100%** was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **41°** API
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____



LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company _____
Lessor or Third Party _____
Well No. _____
Location _____
Section _____ Township _____ Range _____
State _____
County _____
Address _____
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.
Signed _____
Date _____
Title _____

The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES

(Describe gas by G)
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____

CASING RECORD

Casing	Size, inch	Weight, per foot	Threads per inch	Make	Amount	Kind of shoe	Out and pulled from	Perforated	Purpose

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 "slidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of holes. If plugs or bridges were put in to test for water, state their material used, position, and results of pumping or running. DO NOT SIGN.

HISTORY OF OIL OR GAS WELL

10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

MUDGING AND CEMENTING RECORD

Material	Weight	Number bags of cement	Depth, feet	Remarks

PLUGS AND ADAPTERS

Adapter—Material	Length	Depth set

SHOOTING RECORD

Size	Shells used	Explosive used	Quantity	Date	Depth shot	Depth cleaned and

TOOLS USED

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

DATES

Put to producing	10	10
The production for the first 24 hours was		
composition: _____ % water; and _____ % sediment		
If gas well, cut in per 24 hours		
Rock pressure, lbs. per sq. in.		
Gallons gasoline per 1,000 cu. ft. of gas		
Gravity, _____		
% was oil;		