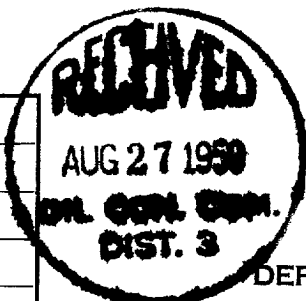




U. S. LAND OFFICE Cons Ute, Ignacio
SERIAL NUMBER 14-20-604-119
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Pubco Petroleum Corporation Address Box 1419, Albuquerque, New Mexico
Lessor or Tract Mountain Ute Field Verde-Gallup State New Mexico
Well No. 19-12 Sec. 19 T. 31N R. 14W Meridian NMPM County San Juan
Location 1980 ft. N. of S. Line and 660 ft. E. of W. Line of section 19 Elevation 5621'

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 James H. Korman
Date August 21, 1959 Title District Geologist

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

Commenced drilling August 3, 1959 Finished drilling August 9, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2954' to 3055' 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	116	80 sx 20 sx sand	2% CaCl ₂ circulated		
5 1/2	2954	* see below	two plug		

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
Oil frac 2954-3055 with 644 bbls lease crude, no sand, no breakdown, max. treating pressure 800 psi. injection rate 39 BPM						

TOOLS USED

Rotary tools were used from surface feet to 3055 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 25, 1959 Put to producing August 24, 1959
 The production for the first 24 hours was 120 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. _____

Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

Leo Schmidt	, Driller	Harris Bower	, Driller
Bill Basden	, Driller		, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
surface	1828	1828	Lewis-Mesaverde
1828	2772	944	Mancos
2772	3055	283	Gallup
* 5 1/2 cemented through shoe with 125 sx 50-50 Pozmix 12 1/2#/sack gilsonite. Cemented through two stage tool at 1981 with 50 sx 50-50 Pozmix 12 1/2#/ sack gilsonite.			

