

A blank 10x10 grid with a small circle in the bottom right corner. The grid is composed of 10 columns and 10 rows. A small circle is located in the bottom right corner, specifically in the 10th column and 1st row.

U. S. LAND OFFICE Ignacio, Colo.
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 P. O. Box 1419 Albuquerque, N. Mex.
 Lessor or Tract Mountain Ute Field Verde-Gallup State New Mexico
 Well No. 19-16 Sec. 19 T. 31N R. 14W Meridian NMPM County San Juan
 Location 660 ft. N of S Line and 659 ft. W of E Line of Section 19 Elevation 5595
(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 Sept. 4, 1958 Signed R. C. Jacobs
Title Junior Geologist

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

Commenced drilling August 1 1958 Finished drilling August 21 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3211 to 3311 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	115 KB	200 sx reg	Circ	(see below)*	
5 1/2	3211 KB		2 stage	" "	**

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 open hole 450#	IR 39 BPM	3211 to 3311 w/1010 bbls - No breakdown.				lease crude no sand, treating pressure

TOOLS USED

Rotary tools were used from ~~surface~~ feet to 3311 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----~~September 4~~-----, 19~~58~~----- Put to producing -----~~September 2~~-----, 19~~58~~-----

The production for the first 24 hours was 168 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. (pump capacity) Gravity, °Bé. 41½

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

R. D. Whitworth, Driller Boyce Wheat, Driller
I. Frank, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
surface	2072	2072	Lewis-Mesaverde
2072	3273	1201	Upper Mancos
3273	3311 TD	38	Gallup
Direction survey. Position of bottom of hole at 3300';			198.95'N and 29.28'E of surface casing shoe or 201.1' on a bearing of N8.3°E.
* 8 5/8 csg.	initially cm't. w/100 sx reg.	Re cm't after cement gave way w/100 sx reg.	
** 5 1/2 csg.	35 sx reg, 35 cu. ft. stratacrete, 6% Gel, 1/2#/sx tuf plug through shoe. 80 sx reg, 80 cu. ft. stratacrete, 6% Gel through two stage collar at 2370.	Top of cement at 1890 by Temp Survey	

