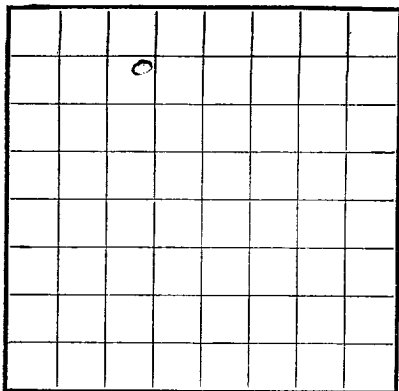
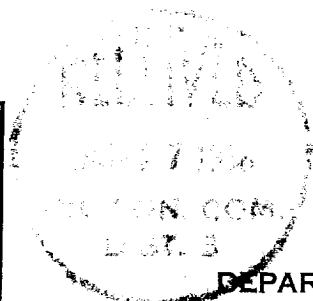




LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Townsend, Colo.
U. S. LAND OFFICE
SERIAL NUMBER 14-27-604-119
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company Pubco Petroleum Corp. Address 106 West Chuska, Aztec, N. M.
Lessor or Tract Mountain Ute Field Verde-Gallup State New Mexico
Well No. 19-3 Sec. 19 T. 31N. R. 14E Meridian NMPM County San Juan, N. M.
Location 305 ft. {N.} of N Line and 1935 ft. {E.} of W Line of Section 19 Elevation 5651
(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

Date January 23, 1957

Title Geologist

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

Commenced drilling December 5, 1957 Finished drilling December 28, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2622 to 2700 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—	
3 5/8	24	8	CFI	104	None				Surface
5 1/2	14	8	CFI	2622	Baker				Production
2	14.7	8	CFI	2641					Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3 5/8	104	100 sz reg	Circulated		
5 1/2	2622	See details below			
2	2641	None			

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 Frac open hole 2622 to 2700 w/ 30,660 gal oil and 20,000# sand 20-40 mesh Breakdown 700# Injection Rate 43 bpm Treating Pressure 700#						

TOOLS USED

Rotary tools were used from Surface feet to 2639 feet, and from feet to feet

Cable tools were used from 2639 feet to 2700 feet, and from feet to feet

DATES

January 23, 1958 Put to producing January 14, 1958

The production for the first 24 hours was 153.5 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. (Pumping) Gravity, °Bé. 11.12

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

George Hollowell, Driller A. F. Foyett, Driller
A. F. Old, Driller Sartor Tool Pusher

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1470	1470	Measverde
1470	1831	361	Mancos
1831	2417	536	"A" zone } Mancos
2417	2660	243	"B" zone }
2660	2700	40	"C" (Gallup) zone
5 1/2" Casing: 1st stage: Cemented through casing shoe with 30 sz reg cement 60 cu. ft stratacrete 6% gel 1/2# floccal per sack.			
2nd stage: Same as above only thru Halliburton TV 2 stage cementing collar. Set at 1440.			
Top of cement by Temperature Survey 243'.			

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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 "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

DATE	TIME	LOCATION	WIND	TEMP	SEA	REMARKS
1965	0000	1000	000	1000	000	000
1965	0100	1000	000	1000	000	000
1965	0200	1000	000	1000	000	000
1965	0300	1000	000	1000	000	000
1965	0400	1000	000	1000	000	000
1965	0500	1000	000	1000	000	000
1965	0600	1000	000	1000	000	000
1965	0700	1000	000	1000	000	000
1965	0800	1000	000	1000	000	000
1965	0900	1000	000	1000	000	000
1965	1000	1000	000	1000	000	000
1965	1100	1000	000	1000	000	000
1965	1200	1000	000	1000	000	000
1965	1300	1000	000	1000	000	000
1965	1400	1000	000	1000	000	000
1965	1500	1000	000	1000	000	000
1965	1600	1000	000	1000	000	000
1965	1700	1000	000	1000	000	000
1965	1800	1000	000	1000	000	000
1965	1900	1000	000	1000	000	000
1965	2000	1000	000	1000	000	000
1965	2100	1000	000	1000	000	000
1965	2200	1000	000	1000	000	000
1965	2300	1000	000	1000	000	000
1965	2400	1000	000	1000	000	000