

[illegible]

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Ute Mountain Tribal
SERIAL NUMBER 14-20-604-125
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 487, Farmington, New Mexico
Lessor or Tract Ute Mountain Tribal "E" Field Verde-Gallup State New Mexico
Well No. 3 Sec. 35 T. 31N.R. 15W Meridian N.M.P.M. County San Juan
Location 660 ft. S. of N. Line and 2130 ft. E. of E. Line of Section 35 Elevation 5436
(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 March 23, 1959 Title Field Engineer

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

Commenced drilling December 10, 1958 Finished drilling December 28, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ~~None~~ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8	22.7	Slip Joint	Armco	207	Guide				Surface
5-1/2	24	SRT	National	4777	Guide				Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	220	180 sacks of cement	Halliburton	No. 1 Plug	
5-7/8	4756	550 sacks of cement	Halliburton	DV Tool	

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

TOOLS USED

Rotary tools were used from 0 feet to 4760 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Completed as temporarily abandoned well, Verde-Gallup field, February 16, 1959, as a result of not obtaining any oil from the test in commercial quantities. of fluid of which % was oil; % emulsion; % water; and % sediment. none 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. -----

EMPLOYEES

San Bush	, Driller	R. E. McVay	, Driller
Bart Jenkins	, Driller	R. J. Causey	, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1870	1870	Surface sands & shale.
1870	2490	620	Menefee sands, shales & coals.
2490	2990	500	Point Lookout sands & shales.
2990	3989	999	Mancos shale.
3989	4655	666	Gallup sands & shales.
4655	4760	105	Sanastee sands & shales.
			(Tops from E log)

... TO PROSPECT ...

STATE OF TEXAS
COUNTY OF DALLAS

ENTOMOLOGICAL SURVEY

1003
E. Tain

The Mountain Tribal "Well No. 3 was completed as temporarily abandoned well,
 being drilled on February 16, 1959, as a result of not obtaining any oil or
 gas in commercial quantities. The well was drilled to a depth of 16,
 1959 by pulling tubing, removing head, and tapping well with 5-1/2" x 2" swage
 nipple with valve.

moved in pulling unit. Spotted 500 gallons and clean out vent and tested 5-1/2" casing and tree head with 3000 pounds pressure which held with no drop in pressure. Perforated two shots per foot 47-68-84. Sand-oil treated with 26,160 gallons of oil and 85,000 pounds sand. Formation broke at 2300 pounds, average treating pressure 2700 pounds. Injection rate 35 barrels per minute, performed two shots per foot 47-38-98. Set Baker retrievable bridge plug at 4360'. Sand-oil treated with 40,500 gallons oil and 40,000 pounds sand. Formation broke at 2650 pounds, average treating pressure 3074 pounds. Injection rate 40 barrels per minute. Retrieved bridge plug and cleaned out to 4664'. Landed 2" tubing at 4491'. Ran rods and pump. Released completion unit on January 15, 1959.

150 sacks of 80 lb cement with two pounds put in per sack followed by 50 sacks neat cement. Tested casing with 2500 pounds pressure for thirty minutes which held with no drop in pressure. Opened ports and circulated for four hours. Reversed out traces of cement. Cemented second stage with 350 sacks 6% gel cement with two pounds net put in per sack. Tested casing with 2500 pounds pressure for thirty minutes, which held with no drop in pressure. Top cement by temperature survey 1860'. Drilled stage collar. Tagged up and displaced water with oil. Released rotary bit.

the Mountain Trial "Well No. 3 was spudded on December 10, 1958 and 8-5/8" casing was set at 220' with 180 sacks of cement. After waiting on cement, casing and water shut-off were tested with 500 pounds pressure for thirty minutes, which held with no drop in pressure. Reduced hole to 7-7/8" at 220' and resumed drilling operations.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, and if any casing was 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 or shots.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]