

USGE - 5
Region- 1
Stvl - 1
File - 1

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 078543

LEASE OR PERMIT TO PROSPECT

San Juan Unit 1257

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Phillips Petroleum Company Address PO Box 939, Aztec, New Mexico
Lessor or Tract _____ Field Mildcat State New Mexico
Well No. 12-7 Mesa Sec. 27 T. 32N R. 7W Meridian N.M.P.M. County San Juan County
Location 1650 ft. N. of 5 Line and 1650 ft. E. of W Line of Section 27 Elevation 6650
(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 Earl StummDate February 16, 1954 Title District Superintendent

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

Commenced drilling January 17, 1953 Finished drilling March 15, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3105 to 3690 G No. 4, from _____ to _____
No. 2, from 5600 to 6202 G No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2750 to 2820 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—		
10 3/4"	21.63	Armed	51	162'	Haker				
7"	14.25	Armed	51	141'	Haker				
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
10 3/4"	276'	230	Halliburton		
7"	5609'	450	Halliburton		

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
3 1/2"	None	50 lb. #1	2219 lbs	3-16-53	5660-6309	6309

TOOLS USED

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

Cable tools were used from 0 feet to 6309 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hrs hours was _____ 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. 887,000

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2750	2750	Shale and sandstone - Tertiary
2750	2820	70	Sand w/interbedded shale - Ojo Alamo
2820	3105	285	Shales, sand - Kirtland
3105	3425	320	Sandstone w/shale & coal - Fruitland
3425	3542	117	Sandstone, shale & coal lower part - Upper P. C.
3542	3690	148	Sandstone - True Pictured Cliffs
3690	5600	1910	Sandy shales & sandstone - Lordsburg
5600	5660	60	Sandstone w/interbedded shale - Cliff House
5660	5896	236	Shales, coal & sand - Manzano
5896	6202	306	Sandstone - Point Lookout
6202	6309	107	Sandy shale - Manzano