

U. S. LAND OFFICE Navajo
SERIAL NUMBER 14-20-603-1292
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Phillips Petroleum Company Address 1200 Denver Club Bldg., Denver, Colo.
 Lessor or Tract Hoska-Da-Not Field Bisti State New Mexico
 Well No. 2 Sec. 5 T. 29N R. 12W Meridian NMPM County San Juan
 Location 1980 ft. N of S Line and 1980 ft. E of W Line of Sec. 5 Elevation 6178
 (Derrick foot 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 February 12, 1957 Signed [Signature]
Title Division Superintendent

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

Commenced drilling September 17, 19 56 Finished drilling October 3, 19 56

OIL OR GAS SANDS OR ZONES

(Denote gas by 'G')

No. 1, from 4850 to 4862 No. 4, from _____
 No. 2, from 4865 to 4880 No. 5, from _____
 No. 3, from 4885 to 4915 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—	
10-3/4	28.75#	8	Hubb	2091 lb.	Hubb	all per piece of perforated pipe gate and bottom and number			
5-1/2	14.75#	8	Hubb	1510 lb.	Hubb	all per piece of perforated pipe gate and bottom and number	4869	4884	production
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"	209'	225	Hall.		
5-1/2"	4921'	250	Hall.		

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 4930 feet, and from _____ feet to _____ feet

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

DATES

February 12 -----, 1957 ----- Put to producing ----- February 5 -----, 1957 -----
The production for the first 24 hours was 321 ----- barrels of fluid of which 100 % was oil; ----- %
emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. 37 -----

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

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

EMPLOYEES

Denman Oil & Drilling Co.	Driller	Driller
	Driller	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	490	490	Tertiary. Sandstone, shale interbedded.
490	1118	628	Kirtland-Fruitland. Shale with some inter- mittents sand streaks and coal beds.
1118	1300	182	Pictured Cliffs. Sand, salt and pepper, fine grain.
1300	1490	190	Lewis. Shale, good with sandy streaks.
1490	3598	2108	Mesaverde. Sand, fine grain, good and inter- bedded good shale, occasional coal streaks, sand, water bearing.
3598	3758	160	Point Lookout. Sand, massive medium coarse grain, light grey.
3758	4616	858	Mancos. Shale, dark grey, carbonaceous streaks with few scattered thin sand streaks.
4616	4928	212	Gallup. Sand, grey medium to fine grain, calc- areous streaks and interbedded with dense black shale.

[illegible]

Y 22-1950-11-9 TTACU

October 17, 1950, to February 2, 1951 - Production restricted due to pipe line
allowable. Pumped at intervals and recovered 2,468 barrels load oil.

Finished with 1 barrels oil in formation at 1900# and 119 barrels oil cast. After 10 minutes, shut in pressure 1800#, 3 hours 500#. Opened and flowed back 20 barrels oil 1st hour, 5 barrels oil 2nd hour and tied. Ran bridge plug set at 4831. Perforated 4787-4818 with 7 shoes per foot. 1800# 15/32" bullets. Broke formation with

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, 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 "blacked," or left in the well, give the 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.

U. S. GOVERNMENT PRINTING OFFICE

FROM	TO	TOTAL FEET	FORMATION
			FORMATION RECORD
			EMPLOYEES
			RATES
			TOOLS USED
			SHOOTING RECORD
			PLUGS AND ADAPTERS
			MIDDING AND CEMENTING RECORD