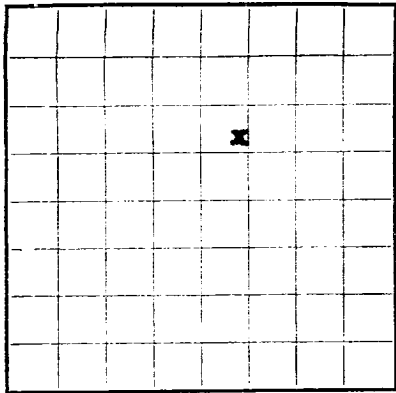


4 - USGS
1 - Bvllc.
1 - Region
1 - File

Budget Bureau No. 42-R355.2.
Approval expires 12-31-62.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM 03416
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Company Address P.O. Box 939, Aztec, New Mexico
Lessor or Trust Field Wildcat State New Mexico
Well No. 1-9 Sec. 9 T. 30N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 1980 XXX ft. N of 1980 XXX ft. E of Section 9 Elevation 6249.67
(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 E. J. Starn
Date February 9, 1954 Title District Superintendent

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

Commenced drilling 12-20-52, 19____ Finished drilling 5-15-53 2 22, 19 53

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2858 to 3056 G No. 4, from 5105 to 5186 G
No. 2, from 3056 to 3175 G No. 5, from 5186 to 5408 G
No. 3, from 3175 to 3277 G No. 6, from 5408 to 5811 G

IMPORTANT WATER SANDS

No. 1, from 2165 to 2368 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"	21.63	8-11	Amaco	162.00	Baker				Surface
7"	23.8	8-11	J-55	78.16	Hamco				
7"	23.8	8-11	J-55	1160.52					
7"	23.8	8-11	J-55	847.55					Production String
(Total 7" org. - 3036.23')									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	172.38	150 sx. Reg.	Halliburton		
7"	5103.71	300 sx. Reg.	Halliburton	First Stage	
		150 sx. Reg.	Halliburton	Second 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
		Du Pont	2397 qts	2-22-53	5155-5811	5796

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to 5106 feet, and from 5106 feet to 5811 feet

DATES

_____, 19____ Put to producing _____, 19____
May 15, 53
The production for the first 24 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. 1300 MCFFD

799# In compliance with New Mexico regulations the well was shut in 54 days and blown down three hours thru a two-inch pitot tube and tested with a mercury manometer.
J. B. Mann, Lease Foreman _____, Driller
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2165	2165	Shales and sand.
2165	2368	203	Sand.
2368	2858	490	Sandy shale and shale.
2858	3056	198	Interbedded sand and shale, coal.
3056	3175	119	Sandstone.
3175	3277	102	Sandstone, some shale.
3277	5105	1828	Dark Gray shales, some sand in middle and lower part.
5105	5186	81	Calcareous sand, some shale.
5186	5408	222	Carbonaceous shale, sandstone and coal.
5408	5811	403	Sandstone, interbedded shale.

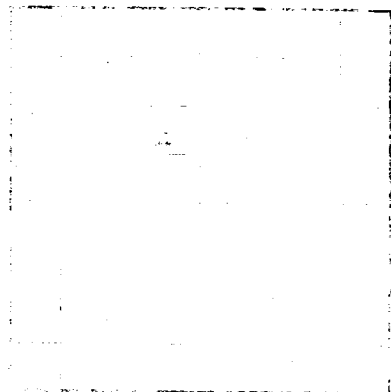
FORMATION TOPS

2165 Ojo Alamo
2368 Kirtland
2858 Fruitland
3056 Upper Pictured Cliffs
3175 Lower Pictured Cliffs
3277 Lewis Shale
5105 Cliff House
5186 Menefee
5408 Point Lookout

FOLD MARK

HISTORY OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



NO. 14 C 104

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 "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, 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.

HISTORY OF OIL OR GAS WELL

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

FROM--		TO--		TOTAL FEET		FORMATION	