Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

4 - USGS
1 - Bville.
1 - Region
1 - File

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078655
LEASE OR PERMIT TO PROSPECT E/2 Sec. 17
Astec "A" 1-17

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Company Address P.O. Box 939, Astec, New Mexico
Lessor or Tract Astec "A" Field Wildcat (Bisti Ext) State New Mexico
Well No. 1-17 Sec. 17 T. 32N R. 10W Meridian NMPM County San Juan
Location 990 ft. [N.] of N Line and 990 ft. [W.] of E Line of NE/4 Sec. 17 Elevation 6763 (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 [illegible]

Date April 28, 1954 Title District Superintendent

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

Commenced drilling January 24, 1953, 19 Finished drilling September 18, 1953 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3113 to 3620 G No. 4, from to
No. 2, from 5394 to 6118 G No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 2640 to 2702 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 From—	Perforated To—	Purpose
10-3/4"	21.63#	Armco	SW SJ	162'	Baker				
7"	23#	8-R	J-55	1380'	Howco				
7"	20#	8-R	J-55	3914'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	173'	180	Halliburton		
7"	5320	385	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
	None	SOWE #1	2636 qts.	3-14-53	5405-6157	6157

TOOLS USED

Rotary tools were used from 0 feet to 6157 feet, and from Whipstocked feet to 5390 feet
Cable tools were used from feet to feet, and from feet to 6118 feet

DATES

January 24, 1954, 19 Put to producing January 28, 1954, 19

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 1,350,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 774#

EMPLOYEES

J. A. Byrd - Lease Foreman XXXXX, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2640	2640	Shale and sand
2640	2702	62	Shale, sandstone
2702	3113	411	Shale and sandstone
3113	3415	302	Sandstone, shale & coal.
3415	3495	80	Shaly sandstone
3495	3620	125	Sandstone
3620	5394	1774	Shale and sand
5394	5550	156	Shaly sandstone
5550	5784	234	Shale, sand, coal
5784	6118	334	Sandstone and shale.

FORMATION TOPS

Ojo Alamo	2640
Kirtland	2702
Fruitland	3113
Upper Pictured Cliffs	3415
True Pictured Cliffs	3495
Lewis	3620
Cliff House	5394
Menefee	5550
Point Lookout	5784

FOLD | MARK

FROM— TO— TOTAL FEET FORMATION

(OVER)

16—43094-2

FROM—	TO—	TOTAL FEET	FORMATION

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

HISTORY OF OIL OR GAS WELL

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, 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.