Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078996
LEASE OR PERMIT TO PROSPECT San Juan Unit 32-7

5 - U.S.G.S.
1 - Dville
1 - Div
1 - File

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 Tract Field Blanco State New Mexico
Well No. Mesa 1-8 Sec. 8 T. 31N R. 7W Meridian N.M.P.M. County San Juan
Location 990 ft. {N./S.} of S. Line and 2310 ft. {E./W.} of WL Line of Section 8 Elevation 6541.60'
(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 Sturm

Date September 28, 1954 Title Dist. Supt.

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

Commenced drilling October 29, 19 52 Finished drilling December 1, 19 52

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3335 to 3429 No. 4, from 5409 to 5501
No. 2, from 3429 to 3730 No. 5, from 5501 to 5707
No. 3, from 3730 to 5409 No. 6, from 5707 to 6009
6009 -

IMPORTANT WATER SANDS

No. 1, from 2450 to 2872' 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	J	Armco	160'	Baker				
7"	20&23	8R	J-55	5407'	Baker				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	171	374	Halliburton		
7"	5410'	300	Halliburton		

FOLD MARK

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
	Dupont 50X		2190	2-2-53	5460-6144	6144'

TOOLS USED

Rotary tools were used from 0 feet to 6144' feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

, 19 Put to producing , 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 - Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. - *This well is presently shut in - operations suspended.

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION	
0	2450'	2450'	and & shales	Tertiary
2450	2872	422	shales & sand	Ojo Alamo
2872	3030	158	shale, some sand	Kirtland
3030	3335	305	Shales, coal, sandstone beds	- Fruitland
3335	3428	93	Sandstone, shale	Upper Pictured Cliffs
3428	3730	302	Sand	True Pictured Cliffs
3730	5409	1679	Shales, gray to dark gray sand in middle part & lower part	Lewis
5409	5501	92	Sandstone, slightly calcareous, shale	Cliff House
5501	5707	206	Shales and sand, carbonaceous shale & coal	Menefee
5707	6009	302	Sandstone w/ interbedded shale	Pt. Lookout
6009'	6144 (TD)	135	Gray shale, sandy stks	Mancos

[OVER]

16—48094-3

FORMATION RECORD—Continued

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.