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U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 079225

LEASE OR PERMIT TO PROSPECT

San Juan Unit 32-4

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYJUN 1 1954
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Phillips Petroleum Co.** Address **Box 999, Astec, New Mexico**
Lessor or Tract _____ Field **Wildcat** State **New Mexico**
Well No. **2-16** Sec. **16** T. **32N** R. **4W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1650** ft. **N** of **S** Line and **990** ft. **E** of **W** Line of **Section 16** Elevation **6798** **DF**
(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 Stum**
Date **May 26, 1954** Title **Earl Stum**
Dist. Supt.

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

Commenced drilling **4-1-53**, 19____ Finished drilling **9-20-53**, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3549** to **-** No. 4, from **6397** to **6578**
No. 2, from **6139** to **6180** No. 5, from _____ to _____
No. 3, from **6180** to **6397** 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
10-3/4"	21.63	8	Armco	162'	Baker		From— To—	
7"	23	8	Armco	150'	Baker			
7"	23	8	Armco	150'	Baker			
7"	23	8	Armco	150'	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	155 ex reg bulk	Halliburton		
7"	6058	350 ex reg bulk	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
1/2"	Laneville S-2	perforation	4holes/ft	6/7/53	3375-3685	
1/2"	"	"	"	"	3635-3685	To TD (6058)
1/2"	"	"	"	6/12/53	3714-3770	To TD (6058)

TOOLS USED

Rotary tools were used from **0** feet to **6058** feet, and from _____ feet to _____ feet
Cable tools were used from **6058** feet to **6578** feet, and from _____ feet to _____ feet

DATES

Well Dry hole _____, 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. _____

EMPLOYEES

_____, Driller _____, Driller
C.D. Phelps - Lease Foreman, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3549	3549	Sand & shale.
3549	6139	2590	Sand, Shale & sd strks. Top Fruitland
6139	6180	41	Sand Cliff House
6180	6397	217	Shale & Sand strks Menefee
6397	6578 (TD)	181	Sand Point Lookout