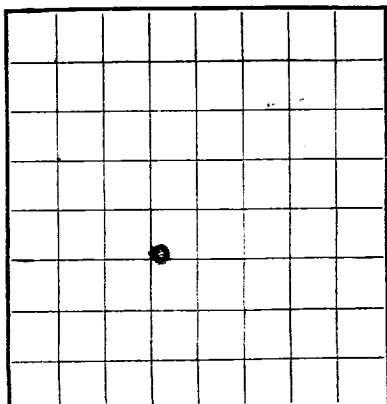


U. S. LAND OFFICE **Ute**
SERIAL NUMBER **14-20-604-1948**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GEOLOGICAL SURVEY OCT 25 1960

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

LOG OF OIL OR GAS WELL

Company TEKACO Inc. Address Box 810, Farmington, N. M.
Navajo Ute Mountain
 Lessor or Tract Tribe "B" Field Harpshaw State New Mexico
Gallup
 Well No. 4 Sec. 21 T. 31-N 16-W Meridian NMPM County San Juan
 Location 1880 ft. [N.] of 8 Line and 1980 ft. [E.] of W Line of Section 21 Elevation 5725'
 (Derive from 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 October 24, 1960

Title	Dist.	Sup't.
1. <u>1911</u>		
2. <u>1912</u>		
3. <u>1913</u>		
4. <u>1914</u>		
5. <u>1915</u>		
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109. <u>2019</u>		
110. <u>2020</u>		
111. <u>2021</u>		
112. <u>2022</u>		
113. <u>2023</u>		
114. <u>2024</u>		
115. <u>2025</u>		
116. <u>2026</u>		

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

[illegible]

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8	106	100	Halliburton		
4-1/2	1616	100	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material	None	Length	0.00	Depth set	0.00
Adapters—Material	None	Size	0.00		

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

TOOLS USED

Rotary tools were used from 0 feet to 1794 feet, and from 2222 feet to 2222 feet.

Cable tools were used from None feet to 2222 feet, and from 2222 feet to 2222 feet.

DATES

Produced first new		Tested	
oil	October 18, 1960	Put to producing	October 20, 1960

The production for the first 24 hours was 192 barrels of fluid of which 100% was oil; ---% emulsion; ---% water; and ---% sediment. Gravity, °Bé. 43.2

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

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

EMPLOYEES	
Detail	Drill

EMPLOYEES

R. J. Phillips -----, Driller **H. B. Lynn** -----, Driller
J. L. McCoy -----, Driller -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0 106	106 1794	106 1688	Sand Sand & Shale
			<u>FORMATION TOPS</u>
			Gallup - - - - - 1620'
			<u>HOLE SIZE</u>
			0 to 106' - 9-7/8"
			106' to 1794' - 6-3/4"
FROM—	TO—	TOTAL FEET	FORMATION

[OVER]
FORMATION RECORD-Continued

16-43094

FROM-	TO-	TOTAL FEET	FORMATION
106	1294	1188	Sand & Shale
0	106	106	Sand

FORMATION TOPS

Gallop - - - - - 1950

HOLE SIZE

0 to 106' - 2-7/8"
106' to 1294' - 6-3/4"

FROM-	TO-	TOTAL FEET	FORMATION
106	1294	1188	Sand & Shale
0	106	106	Sand

FORMATION TOPS

Gallop - - - - - 1950

HOLE SIZE

0 to 106' - 2-7/8"
106' to 1294' - 6-3/4"

FROM-	TO-	TOTAL FEET	FORMATION
106	1294	1188	Sand & Shale
0	106	106	Sand

FORMATION TOPS

Gallop - - - - - 1950

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0 to 106' - 2-7/8"
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Gallop - - - - - 1950

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Gallop - - - - - 1950

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Gallop - - - - - 1950

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