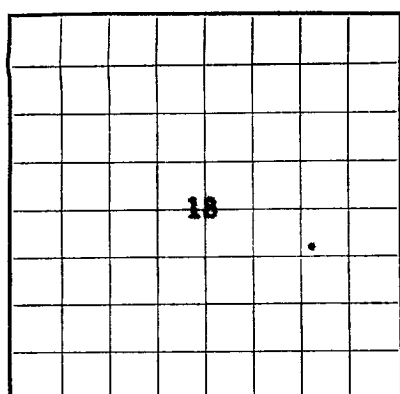


U. S. LAND OFFICE _____
SERIAL NUMBER **14-20-603-585** _____
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Murphy Oil Corporation Address 200 Jefferson Avenue-BI Dorado, Ark.
Lessor or Tract Navajo "AA" Field Many Rocks Gallup State New Mexico
Well No. 14 Sec. 18 T. 32N R. 17W Meridian _____ County s San Juan
Location 2180 ft. {N.} of 8 Line and 1190 ft. {E.} of E Line of Section 18 Elevation 5680' GR
(Depth 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 **June 15, 1964** Title **Prod. Supt-Direct Operations**

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

Commenced drilling May 24, 1964 Finished drilling May 31 1964

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1456 to 1462 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

[illegible]

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					

TOOLS USED

Rotary tools were used from 0 feet to 1490 feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

_____, 19____ Put to producing **P. G. A.** _____, 19____

The production for the first 24 hours was ~~None~~ 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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Cut Core #1 from 1451 to 1471', recovered 12', no show, plugged and abandoned 6-1-64 as follows:			
(1) Cement plug @ 1491' to 1420' (2) Loaded hole with fluid (3) Cement plug @ 0' to 10' (4) Erected Dry-hole marker.			

