

U.S. LAND OFFICE Navajo Tribal
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____
Contr. #14-2-500-3530

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APR 27 1963

U. S. GEOLOGICAL SURVEY
WELL NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company Socony Mobil Oil Company, Inc. Address Box 3371, Durango, Colorado

Lessor or Tract Chimney Rock Field Indes. Gallup State New Mexico

Well No. 23-7 Sec. 7 T. 31N R. 16E Meridian NM County San Juan

Location 1280 ft. {N.} of S. Line and 2210 ft. {E.} of W. Line of Sec. 7 Elevation 5774 KS
(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.

Date April 12, 1963 Title Sr. Production Foreman

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

Commenced drilling March 22, 1953 Finished drilling March 25, 1953

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 1726' to 1743' 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. 3, from ----- to -----
No. 2, from ----- to ----- No. 4, from ----- to -----

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8"	111'	90	Pump & Plug		
5/8"	1722'	150	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 1800 feet, and from _____ feet to _____ feet

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

DATES

April 19, 1963 Put to producing April 5, 1963

The production for the first 24 hours was 31 barrels of fluid of which 22.2 % was oil; 0 % emulsion; 0 % water; and 0.1 % sediment. Gravity, °Bé. 40.7

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----
 Rock pressure, lbs. per sq. in. -----

EMPLOYEES

Whigham Drilling Company, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Formation Summary</u>			
<u>Formation Tops</u>			
Gallup	1260'		
Lower Gallup	1304'		
Upper Horseshoe	1606'		
Juana Lopez	1722'		
Sanostee	1760'		
<u>Completion Summary</u>			
1.0. 1800'. PRTD 1766'. Perf'd 56" casing w/4-way radial crack jets at 1743' & 2 crack jets/ft. 1726/1735' (Total 24 shots). Sand-oil fraced with 922 bbls. crude and 57000# 20-40 sand. Brokedown at 2700 psi. Avo. rate 61 g/min.			
<u>NOTE Potential</u>			
4/15/63 1.0. 41 bbls/day, no bbls. water. 4/13/63 1.0. 131 bbls./day, 49.25 Mcf gas, 1.0. 36% cu. ft. thru 2" choke.			

[OVER]

16-43094-5

5. Springs 1, Emath. 1, Geo. 1

100-443886-100

HISTORY OF OIL OR GAS WELL

16-43084-2

FORMATION RECORD—Continued