

U. S. LAND OFFICE Consolidated Ute

SERIAL NUMBER 14-20-504-83

LEASE OR PERMIT TO PROSPECT
Ute Mountain

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Socony Mobil Oil Company, Inc. Address P. O. Box 3371, Durango, Colorado
Lessor or Tract Ute Mountain Field Verde Gallup State New Mexico
Well No. 13 Sec. 22 T. 31N R. 14W Meridian NMPM County San Juan
Location 1984 ft. N of N Line and 665 ft. E of W Line of Sec. 22 Elevation 5639 ft.
(Derriek 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 P. M. BarryDate September 27, 1960Title Dist. Prod. Supt.

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

Commenced drilling August 19, 1960 Finished drilling August 31, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2675 to 2835 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	29.8	8-8	Larned	101'	Guide	2677'	2677'	2677'	Surface
5-1/2"	14.7	8-8	Larned	2668'	Float	2677'	2677'	2677'	Intermediate
4-1/2"	10.79	10-6	Larned	178'	Liner	2677'	2677'	2677'	Liner

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	108	80	Pump & Plug		
5-1/2"	2675	250	Pump & Plug		

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

TOOLS USED

Rotary tools were used from _____ feet to 2675 feet, and from _____ feet to _____ feetCable tools were used from 2675 feet to 2835 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing September 2, 1960The production for the first 24 hours was 39 barrels of fluid of which 99.8% was oil; 0% emulsion; 0% water; and 0.2% sediment. Gravity, °Bé. 40.5 APIIf gas well, cu. ft. per 24 hours 387/1-60 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
POTENTIAL TEST			
B.M.C.C. potential test completed 9/21/60. Pumped 39 bbl in 24 hrs. 13-40" SSS, 2" choke, 15.1 Mcf, 387/1 GPM, 40.5°, no water, 0.2% S.S.			
FORMATION SUMMARY			
Formation		Top by logs	
Pt. Lookout		1138'	
Mancos		1427'	
Gallup		2457'	
L. Gallup		2665'	
Perforations			
4 1/2" liner landed at 2835', top at 2657'. Perforated w/2-3/8" holes/ft. 2677/2635.			
Fracturing			
9/1/60 Halliburton frac'd with 300 bbls. lease crude. 23.3 g/min. @ 375 psi. on vacuum after frac.			

(OVER)

16-48084-4

