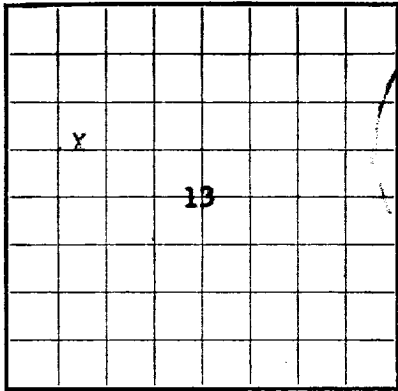


U. S. LAND OFFICE Jicarilla Apache
SERIAL NUMBER Contract #99
LEASE OR PERMIT TO PROSPECT Jicarilla "D"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Socony Mobil Oil Co., Inc. Address P.O. Box 3371, Durango, Colorado
Lessor or Tract Jicarilla "D" Field Gavilan Pica, Cliff State New Mexico
Well No. 9 Sec. 13 T. 25N R. 3W Meridian NMPM County Rio Arriba
Location 1450 ft. S. of N. Line and 990 ft. E. of W. Line of Sec. 13 Elevation 7237 KB
(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 P.M. Barry by J.C. Miller
Date December 19, 1961 Title Dist. Prod. Supt.
P. M. Barry

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

Commenced drilling August 31, 1961 Finished drilling September 6, 1961

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

No. 1, from 3684 to 3767 G 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—	
7-5/8"	247	12	AMCO	125	Pump & plug				
2-7/8"	3878	12	AMCO	125	" "				
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8"	347'	125	Pump & plug		
2-7/8"	3878'	125	" "		

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 3930 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing October 17, 1961
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 3,164,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 861 psig

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
FORMATION SUMMARY			
	Pictured Cliffs Lewis sh.		3675' E-log 3776' "
COMPLETION SUMMARY			
3930' TD, PBD 3839'. 2-7/8" csg cmtd @ 3878' w/ 125 sx. Perf'd 3684'/3767' @ intervals. St - wtr fract w/ 38,000 gals, 25,000# 10/20 sd & 13,000# 20/40 sd in 3 stages.			
INITIAL POTENTIAL			
(10/17/61) 3 hrs, 3/4", 3164 Mcf/D, FCF 251 psig. GAOE 3660 Mcf/D. SICP 861 psig/7 days.			
LEON—	LO—	LOUNT EREL	LOUNELION

