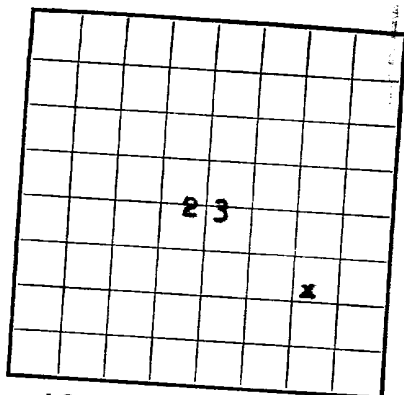




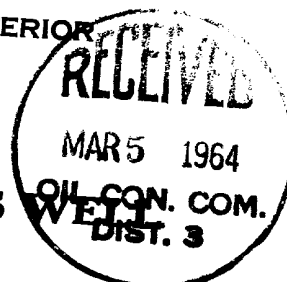
LOCATE WELL CORRECTLY

RECEIVED

MAR 4 1964

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.Form approved.
Budget Bureau No. 42-R355.4U. S. LAND OFFICE Jicarilla Apache
SERIAL NUMBER Contr. #241
LEASE OR PERMIT TO PROSPECT BoulderUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS



Company Socony Mobil Oil Company, Inc. Address P. O. Box 778, Farmington, New Mexico
 Lessor or Tract Boulder Field Boulder Mancos State New Mexico
 Well No. 43-23 Sec. 23 T. 28N R. 1W Meridian NMPM County Rio Arriba
 Location 1680 ft. N. of S. Line and 990 ft. E. of E. Line of Sec. 23 Elevation 7257'
 (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 March 3, 1964Signed M. J. MeyerTitle Sr. Production Foreman

The summary on this page is for the condition of the well at above date.
 Commenced drilling May 4, 1963 Finished drilling May 18, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3522' to 3614' 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—	
9-5/8"	117	8	3-55	1075'	Full Plug	Intermediate			Intermediate
7"	95	8	3-55						
5"	62	8	3-55						
4"	42	8	3-55						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement		Method used	Mud gravity	Amount of mud used
		Landed	150			
9-5/8"	117'	100		Pump & Plug		
7"	364'			Pump & Plug		
5"	262'					

MARK

FOLD

PLUGS AND ADAPTERS

Depth set

Length

Size

SHOOTING RECORD

Shot	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 3630 feet, and from feet to feet
Cable tools were used from feet to feet

DATES

Put to producing - frac oil not recovered 9
% was oil; barrels of fluid of which Gravity, B6.
Gallons gasoline per 1,000 cu. ft. of gas

EMPLOYEES

Driller
Driller
Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
------	----	------------	-----------

FORMATION SUMMARY:

Formation
Cliffhouse
Point lookout
Hemlock
Gallup "N"
Gallup
Gallup "E"

Completion Summary:

3650' T.I. 7" @ 2625'.
4 1/2" liner landed @ 3643'. Top @ 2567'. Slotted 3-1/8"
Open hole breaker @ 3485'. Open hole perforated at
Intervals w/2 crack jets/ft. 3544/3611'. Traced w/1900 bbls. Issue grade.
x3" slotted/ft. 3488/3643'. Pumped 709 bbls. from 5/22/63 to 9/30/63.
Flowed back 660 bbls. Trac oil. Pumped 109 bbls. from 5/22/63 to 9/30/63.
Well S.I. at 2 B/D rate.

Abandonment Summary:

1/20/64 - Moved in, killed w/water, pulled tubing & rods. 1/22/64 - Cemented
across 7" shoe 2467/2667 w/30 sack. 1/24/64 - Recovered 1847' 7" casing. Plugged
across 7" shoe w/27 sack 1780/1900'. Reported 15 sack in 9-5/8" casing at the
surface, ejected abandonment marker on 1/25/64.

FORMATION RECORD--Continued

(OVER)

FORMATION

TOTAL FEET

TO

FROM

Distribution: USGS Project 5, Springs 1, File 1.