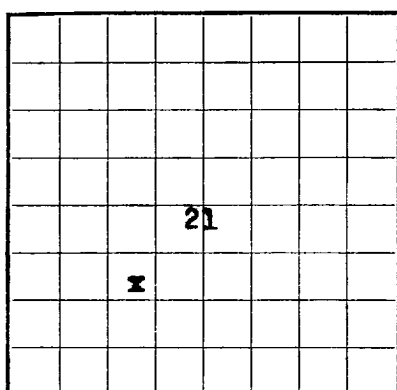
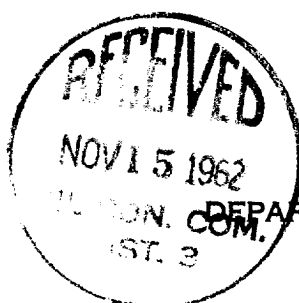




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____
Contract # 12
Jicarilla Apache
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**LOG OF OIL OR GAS WELL**

Company Socony Mobil Oil Company, Inc. Address P. O. Box 3371, Durango, Colorado
Lessor or Tract Jicarilla Apache Field _____ State New Mexico
Well No. 23-21 Sec. 21 T. 21N R. 5W Meridian NMPM County Rio Arriba
Location 1760 ft. N. of S Line and 1750 ft. E. of W Line of Sec. 21 Elevation 6715
(Derrick floor relative to base of well)
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 M. J. Meyer Title Sr. Prod. Foreman
Date Nov. 13, 1962

The summary on this page is for the condition of the well at above date.
Commenced drilling Aug. 28, 1962 Finished drilling Sept. 17, 1962
OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from 6805 to 6748 G 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—	
<u>8 5/8"</u>	<u>32</u>	<u>8</u>	<u>4-55</u>	<u>339</u>	<u>Inside</u>				<u>Surface</u>
<u>4 1/2"</u>	<u>16.5</u>	<u>8</u>	<u>4-55</u>	<u>6988</u>	<u>Guide</u>				<u>Intermediate</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8"</u>	<u>326</u>	<u>245</u>	<u>Pump & Plug</u>		
<u>4 1/2"</u>	<u>6982</u>	<u>450</u>	<u>Pump & Plug</u>		

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 6785 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Nov. 13, 1962 Put to producing Waiting on pipe line 19____
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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Gardiner Bros., Driller _____, Driller _____
_____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Formation Tops			
Picture Cliffs	2364		
Cliff House	3905		
Point Lookout	4573		
Mancos Shale	4778		
Gallup	5586		
Green Horn Line	6530		
Graneros	6600		
Dakota	6746		

Completion Summary

6985 T. D. - 8 5/8" at 326' and 4 1/2" at 6982' - Perf'D 4 1/2" at intervals as follows:
(2 Jets) 6805, (2) 6801, (1) 6704, (2) 6788, (2) 6782, (2) 6775, (2) 6757, (1) 6752, (2) 6748.
Total 16 holes. Ran 2 3/8" tubing to 6000'. Sand water frac. with 850 Bbls acid water
(2% acid + 5% CaCl₂). Flushed 110 Bbls clear water + 30,000 # 20-40 sand. Landed Tbg. at
6895' and cleaned well to pit.

Shut in 13 days and ran 3 hr test through 3/4" choke. GAOF 8500 MCF/D. Recovered 10 Bbls
Cond. during test.

(OVER)

16-43094-5

REV 6/92 SO 100 00 001

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

U. S. GOVERNMENT PRINTING OFFICE 16-48094-2

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