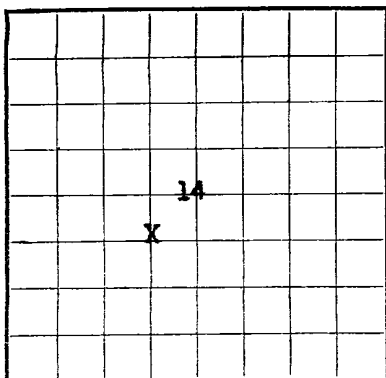
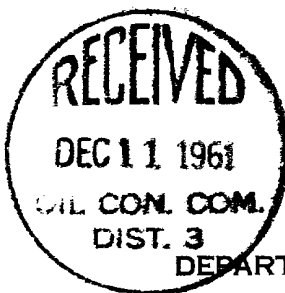




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE Jicarilla Apache
SERIAL NUMBER Contr. #241
LEASE OR PERMIT TO PROSPECT Boulder Lease

LOG OF OIL OR GAS WELL

4

Company Socony Mobil Oil Co., Inc. Address P. O. Box 2371, Durango, Colorado
Lessor or Tract Boulder Field Boulder-Mancos State New Mexico
Well No. 23-14 Sec. 14 T. 28N R. 1W Meridian 11W County Rio Arriba
Location 1980 ft. N. of S. Line and 1980 ft. E. of W. Line of Sec. 14 Elevation 7285' KB
(Herrick 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 M. Barry Title Dist. Prod. Supt.Date December 5, 1961

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

Commenced drilling September 14, 1961 Finished drilling September 29, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3712' to 3794' 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 2505' to 2680' 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>9-5/8"</u>	<u>20</u>	<u>8</u>	<u>1-55</u>	<u>123</u>	<u>Guide</u>	<u>_____</u>			<u>Surface</u>
<u>7"</u>	<u>20</u>	<u>8</u>	<u>1-55</u>	<u>3433</u>	<u>Floor</u>	<u>_____</u>			<u>Intermediate</u>
<u>HISTORY OF CH-OR-GYS MEET</u>									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8"</u>	<u>133'</u>	<u>100</u>	<u>Pump Plug</u>		
<u>7"</u>	<u>3433'</u>	<u>175</u>	<u>"</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 4300' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. 99.9 0
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

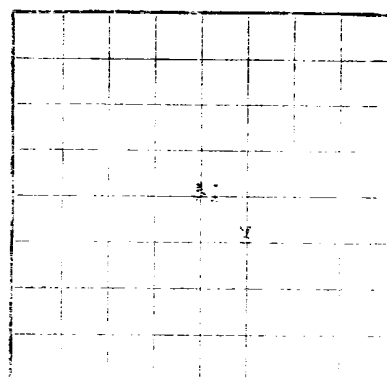
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Formation Summary</u>			
	<u>Formation</u>		<u>E-log top</u>
	<u>Cliff House</u>		<u>2245'</u>
	<u>Pt. Lookout</u>		<u>2505'</u>
	<u>Mancos</u>		<u>2680'</u>
	<u>Gallup</u>		<u>3573'</u>
	<u>Sanostee</u>		<u>4204'</u>
<u>Completion Summary</u>			
<u>4300' TO, 3855' PD. 7" shoe @ 3443'. Completed open hole 3443'/3855'. Shot open hole w/ 2 crack-jets/ft 3732'/52', 3760'/70' & 3778'/98'. All fract w/ 1450 Blde base crude.</u>			
<u>MAJOR Potential</u>			
<u>10/24/61 Pumped 159.3 BBL, 24 hrs, 32°, 0.1% GOR, 22.5 Mcf, GOR 140/1</u>			
FROM—	TO—	TOTAL FEET	FORMATION

(OVER)

FORMATION RECORD—CONTINUED



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Name _____
Location or Tract _____
Well No. _____
Section _____
Twp. _____
Range _____
Meridian _____
County _____
State _____
Address _____
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 _____
Date _____
Title _____

The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____
19____

OIL OR GAS SANDS OR ZONES

(Indicate on pg. 6)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____

CASING RECORD

Size per foot	Feet run	Feet per foot	Weight per foot	Make	Amount	Kind of shoe	Cut and ending from	From	To	Purposes
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 "struck", or left in the well, give its size and location. If the well has been dynamited, give date, size, 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.										

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD									
Casing size	Feet set	Number sacks of cement	Method used	Mud gravity	Amount of mud used	PLUGS AND ADAPTERS			
Size	Feet used	Feet used	Quantity	Date	Depth shot	Depth cleaned out	Length	Depth set	Depth set
TOOLS USED									
Rotary tools were used from _____ feet to _____ feet and from _____ feet to _____ feet									
Cable tools were used from _____ feet to _____ feet and from _____ feet to _____ feet									
DATES									
The production for the first 24 hours was _____ barrels of fluid of which _____ was oil; _____ was gas.									
If gas well, oil _____ lb. per 24 hours									
Rock pressure, lbs. per sq. in. _____									
Gravities, °Be _____									
Gallons gasoline per 1,000 cu. ft. of gas _____									
Put to producing _____									
EMPLOYEES									
Driller _____									
Driller _____									
FORMATION RECORD									
FROM-	TO-	TOTAL FEET	FORMATION						
FORMATION									