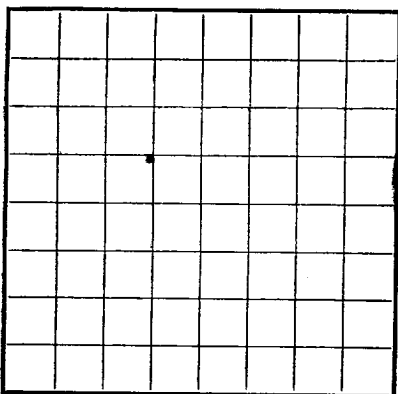
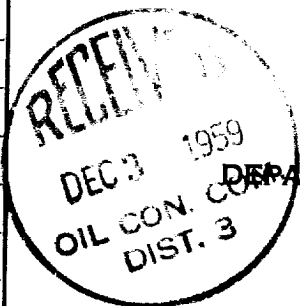


Section 12



LOCATE WELL CORRECTLY



U. S. LAND OFFICE Santa Fe.
SERIAL NUMBER 078301
LEASE OR PERMIT TO PROSPECT _____
UNITED STATES **RECEIVED**
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY DEC 2 1959

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Standard Oil Co. of Texas Address Box 1581, Farmington, New Mex.
Lessor or Tract Federal 9-12 Field Bisti Gallup State New Mexico
Well No. 224 Sec. 12 T. 24N R. 10W Meridian NMPM County San Juan
Location 1980 ft. S. of N. Line and 1980 ft. E. of W. Line of Sec. 12 Elevation 6838
(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 _____

Date November 30, 1959 Title Field Foreman

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

Commenced drilling 10-6, 1959 Finished drilling 10-19, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5467 to 5477 No. 4, from _____ to _____
No. 2, from 5502 to 5514 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>24</u>	<u>8</u>	<u>J-55</u>	<u>334</u>	<u>Guide</u>				<u>Protect water sands</u>
<u>5 1/2</u>	<u>14</u>	<u>8</u>	<u>J-55</u>	<u>5580</u>	<u>Float</u>		<u>5467</u> <u>5502</u>	<u>5477</u> <u>5514</u>	<u>Oil string</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>334</u>	<u>200</u>	<u>Plug</u>	<u>9.0</u>	
<u>5 1/2</u>	<u>5580</u>	<u>300</u>	<u>Plug</u>	<u>9.2</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 0 feet to 5580 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 11-24, 1959
The production for the first 24 hours was 35 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% 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

Lilly _____, Driller Spraberry _____, Driller
McClellan _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>1807</u>	<u>1881</u>	<u>74</u>	<u>Pictured Cliffs</u>
<u>1881</u>	<u>3287</u>	<u>1406</u>	<u>Lewis Shale</u>
<u>3287</u>	<u>3334</u>	<u>47</u>	<u>Cliff House</u>
<u>3334</u>	<u>4291</u>	<u>957</u>	<u>Menefee</u>
<u>4291</u>	<u>4468</u>	<u>177</u>	<u>Point Lookout</u>
<u>4468</u>	<u>5303</u>	<u>835</u>	<u>Mancos</u>
<u>5303</u>	<u>5460</u>	<u>157</u>	<u>Gallup</u>
<u>5460</u>	<u>5502</u>	<u>42</u>	<u>Mayre</u>
<u>5502</u>	<u>5580</u>	<u>78</u>	<u>Huerfano</u>

1. CATE WEST, 2001-2002

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FORMATION RECORD—Continued