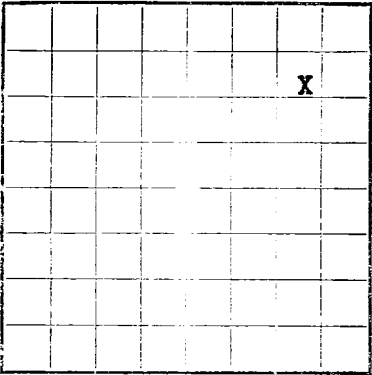
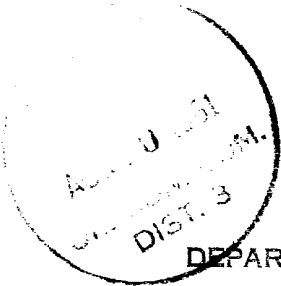




LOCATE WELL CORRECTLY



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 078354-A
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C. 20508

LOG OF OIL OR GAS WELL

Company Tenneco Oil Company Address P. O. Box 1714, Durango, Colorado
Lessor or Tract H. K. Riddle Dakota Gas Unit A Field Blanco-Mesaverde State New Mexico
Well No. 1 Sec. 9 T. 27N R. 9W Meridian N.M.P.M. County San Juan
Location 810 ft. N of N Line and 1090 ft. W of E Line of Section 9 Elevation 6331 GL
(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 L. B. Plumb Title District Production Supt.

Date July 28, 1961 Title District Production Supt.

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

Commenced drilling April 14, 1961 Finished drilling April 29, 1961

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

No. 1, from 4654 to 4740 No. 4, from _____ to _____
No. 2, from 6723 to 6933 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None 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>8 rd</u>	<u>CP&I</u>	<u>280'</u>	<u>Floot</u>				<u>Surface</u>
<u>4-1/2</u>	<u>11.6</u>	<u>8 rd</u>	<u>CP&I</u>	<u>561'</u>					
<u>4-1/2</u>	<u>9.5</u>	<u>8 rd</u>	<u>CP&I</u>	<u>6436'</u>	<u>Guide</u>		<u>4654</u> <u>6723</u>	<u>4740</u> <u>6933</u>	<u>Production</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>296'</u>	<u>230</u>	<u>Two Plug</u>		
<u>4-1/2</u>	<u>7013'</u>	<u>660</u>	<u>Two 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 0 feet to 7014 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES Dakota Potential: 6-20-61 - F/1832 MCF on 3/4" ch. in 3 hrs.
Mesaverde Potential:

July 28, 1961
The production for the first 24 hours was 7-23-61: F/1450 MCF on 3/4" choke %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours D - 1832 MCFPD Gallons gasoline per 1,000 cu. ft. of gas _____
M - 1450 MCFPD

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>12</u>	<u>2410</u>	<u>2398</u>	<u>Sand and shale</u>
<u>2410</u>	<u>3990</u>	<u>1580</u>	<u>Shale</u>
<u>3990</u>	<u>4790</u>	<u>800</u>	<u>Sandstone and shale</u>
<u>4790</u>	<u>5850</u>	<u>1060</u>	<u>Shale</u>
<u>5850</u>	<u>6400</u>	<u>550</u>	<u>Sandy shale</u>
<u>6400</u>	<u>6720</u>	<u>320</u>	<u>Shale and siltstone</u>
<u>6720</u>	<u>T.D.</u>	<u>294</u>	<u>Sandstone and shale</u>
Electric Log Tops			
			<u>Fruitland Shale 1550</u>
			<u>Pictured Cliffs 2330</u>
			<u>Lewis Shale 2410</u>
			<u>Mesaverde 3990</u>
			<u>Mancos Shale 4795</u>
			<u>Gallup 5848</u>
			<u>Greenhorn 6635</u>
			<u>Dakota 6720</u>
			<u>T.D. 7014</u>

FROM -	TO -	TOTAL FEET	FORMATION

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