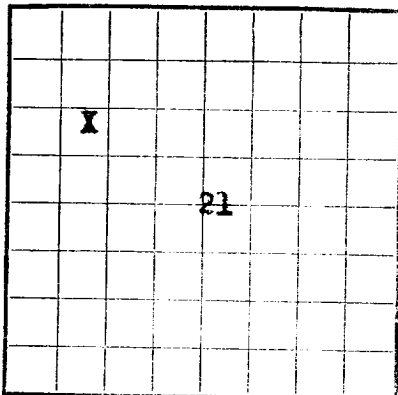
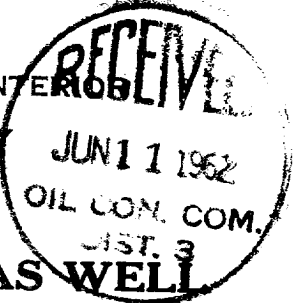




LOCATE WELL CORRECTLY

Jicarilla Apache
Lease No. 36U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 3312, Durango, Colorado
Lessor or Tract Northeast Haynes Apache Field Basin Dakota State New Mexico
Well No. 4 Sec. 21 T. 24 R. 5 Meridian NMPM County Rio Arriba
Location 1650 ft. N. of N Line and 1020 ft. E. of W Line of Section 21 Elevation 6626'
(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 6-8-62Title Asst. District Supt.

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

Commenced drilling 5-4, 1962 Finished drilling 5-18, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5535' to 5760' - G No. 4, from _____ to _____
No. 2, from 6636' to 6718' - 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>24.4</u>	<u>8 Ad.</u>	<u>J-55</u>	<u>328</u>	<u>Baker</u>	<u>Surface</u>			<u>Surface</u>
<u>5 1/2</u>	<u>14.4</u>	<u>8 Ad.</u>	<u>J-55</u>	<u>6878</u>	<u>Baker</u>	<u>6698</u>			<u>Production</u>
<u>5 1/2</u>	<u>15.5</u>	<u>8 Ad.</u>	<u>J-55</u>	<u>6878</u>	<u>Baker</u>	<u>6698</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>328</u>	<u>140</u>	<u>Displacement</u>		
<u>5 1/2</u>	<u>6878</u>	<u>695</u>	<u>Displacement</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 Surface feet to 6878' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

5-7, 1962 Tested 5-27, 1962
~~Production~~

The production for the first 24 hours was 54 barrels of fluid of which 63 % was oil; _____ % emulsion; 37 % water; and _____ % sediment. Gravity, 98.6 API. 61.0 Condensate

If gas well, cu. ft. per 24 hours 1,980,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller Contractor, Driller
_____, Driller Rutledge Drilling Co., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	<u>2270</u>	<u>2270</u>	<u>Surface sands & shales</u>
<u>2270</u>	<u>3793</u>	<u>1523</u>	<u>Pictured Cliffs</u>
<u>3793</u>	<u>3873</u>	<u>80</u>	<u>Cliffhouse</u>
<u>3873</u>	<u>4643</u>	<u>770</u>	<u>Manefee</u>
<u>4643</u>	<u>5535</u>	<u>892</u>	<u>Mancos</u>
<u>5535</u>	<u>6450</u>	<u>915</u>	<u>Callup</u>
<u>6450</u>	<u>6528</u>	<u>78</u>	<u>Greenhorn</u>
<u>6528</u>	<u>6563</u>	<u>35</u>	<u>Graneros</u>
<u>6563</u>	<u>6878</u>	<u>315</u>	<u>Dakota</u>

