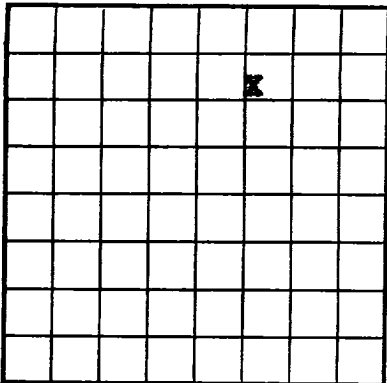
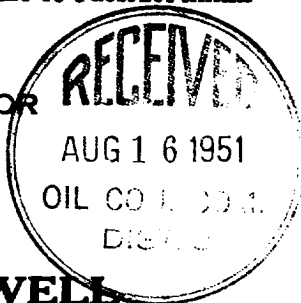


U. S. LAND OFFICE San JuanSERIAL NUMBER 978796

LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company SAN JUAN PRODUCTION COMPANY Address 102 1/2 N. Court, Farmington, New MexicoLessor or Tract Brwell Field Blanco-La Plata State New MexicoWell No. 1-C Sec. 1 T. 29N R. 8W Meridian N. M. P. M. County San JuanLocation 990 ft. W of N Line and 1690 ft. W of E Line of Section 1 Elevation 6051
(Derivat 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 [Signature]Date August 14, 1951 Title Petroleum Engineer

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

Commenced drilling June 9, 1951 Finished drilling July 10, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2885 to 2962 (G) No. 4, from 5158 to 5259 (G)No. 2, from 4593 to 4604 (G) No. 5, from _____ to _____No. 3, from 4604 to 5158 (G) 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>13-3/8"</u>	<u>28</u>	<u>8</u>	<u>Smith</u>	<u>2885</u>	<u>Ball</u>				<u>Surface</u>
<u>7"</u>	<u>28</u>	<u>8</u>	<u>Smith</u>	<u>2962</u>	<u>Ball</u>				<u>Production</u>
<u>7"</u>	<u>28</u>	<u>8</u>	<u>Smith</u>	<u>4593</u>	<u>Ball</u>				<u>Production</u>
<u>2"</u>	<u>4.7</u>	<u>8</u>	<u>Smith</u>	<u>5158</u>	<u>Ball</u>				<u>Prod. Tubing</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8"</u>	<u>300</u>	<u>200</u>	<u>Circulated</u>		
<u>7"</u>	<u>4510</u>	<u>300</u>	<u>Single Stage</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
<u>Quartz</u>	<u>Regular</u>	<u>S.H.G.</u>	<u>1830</u>	<u>7-11</u>	<u>4593-5199</u>	<u>T. D. 5260</u>

TOOLS USED

Rotary tools were used from _____ feet to 4510 feet, and from 4510 feet to 5260 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. _____

If gas well, cu. ft. per 24 hours 4,500,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1070

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>621</u>	<u>621</u>	<u>Tan coarse gr. ss. w/ thin shale beds.</u>
<u>621</u>	<u>1390</u>	<u>769</u>	<u>Shales w/ thin ss. breaks.</u>
<u>1390</u>	<u>1880</u>	<u>490</u>	<u>Coarse grained ss. interbedded w/ gray shale.</u>
<u>1880</u>	<u>1970</u>	<u>82</u>	<u>Ojo Alamo ss., sand, white, coarse-grained.</u>
<u>1970</u>	<u>2530</u>	<u>580</u>	<u>Kirtland formation, gray shales, interbedded w/ tight fine-grained ss.</u>
<u>2530</u>	<u>2885</u>	<u>335</u>	<u>Fruitland formation, carbonaceous shales w/ coal streaks and gray tight fine-grained ss.</u>
<u>2885</u>	<u>2962</u>	<u>77</u>	<u>Pictured Cliffs formation, gray very fine dense silty ss. Top Pictured Cliffs 2885.</u>
<u>2962</u>	<u>3612</u>	<u>650</u>	<u>Upper Lewis formation, gray shale.</u>
<u>3612</u>	<u>4593</u>	<u>981</u>	<u>Lower Lewis formation, gray to white dense silty ss.</u>
<u>4593</u>	<u>4604</u>	<u>11</u>	<u>Cliff House ss., gray fine dense ss. Top Cliff House 4593.</u>
<u>4604</u>	<u>5158</u>	<u>554</u>	<u>Munroe formation, gray fine-grained sand w/ shale & coal. Top Munroe 4604.</u>
<u>5158</u>	<u>5259 TD</u>	<u>101</u>	<u>Point Lookout, gray very fine silty ss. w/ interbedded shale breaks. Top Point Lookout 5158.</u>

