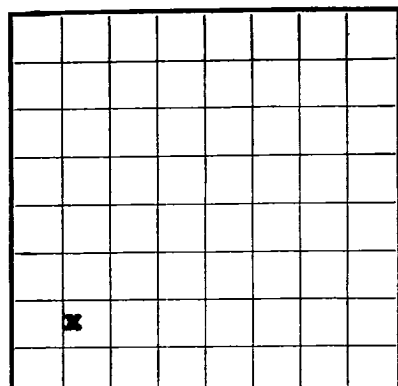


5- B
2- 4
1- HW
1- Reese
1- FileBudget Bureau No. 42-R355.4.
Approval expires 12-31-60.Jicarilla Apache
U. S. LAND OFFICE
Contract #152
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Occidental Petroleum Corp. Address Box 167, Gardena, California
Lessor or Tract W Field Blanco Mesaverte State New Mexico
Well No. 1-8 Sec. 8 T. 26N R. 5W Meridian NMPM County Rio Arriba
Location 990 ft. N of 8 Line and 840 ft. E of W Line of Sec 8 Elevation 6680 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. Original signed by T. A. Dugan
Signed _____

Date June 20, 1958 Title Consulting Engineer

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

Commenced drilling 7-5 Finished drilling 4-23

OIL OR GAS SANDS OR ZONES

(Denote gas by G.)

No. 1, from 7441 to 7444 No. 4, from 7444 to 7444
No. 2, from 7444 to 7444 No. 5, from 7444 to 7444
No. 3, from 7444 to 7444 No. 6, from 7444 to 7444

IMPORTANT WATER SANDS

No. 1, from 7444 to 7444 No. 3, from 7444 to 7444
No. 2, from 7444 to 7444 No. 4, from 7444 to 7444

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>10-3/4</u>	<u>82</u>	<u>82</u>	<u>CFI</u>	<u>238'</u>					<u>Surface</u>
<u>7-5/8</u>	<u>62</u>	<u>62</u>	<u>CFI</u>	<u>3400'</u>					<u>Intermediate</u>
<u>5-1/2</u>	<u>42</u>	<u>42</u>	<u>CFI</u>	<u>300'</u>					<u>Intermediate</u>
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4</u>	<u>238'</u>	<u>175</u>	<u>Pump plug</u>		
<u>7-5/8</u>	<u>3400'</u>	<u>150</u>	<u>Pump plug</u>		
<u>5-1/2</u>	<u>7694</u>	<u>320</u>	<u>Pump 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 surface feet to 7690 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 17, 1958 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 1633 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1137

EMPLOYEES

Ed Delaney Supt. Driller _____, Driller _____
Jack Anton Toolpusher Driller _____, Driller _____

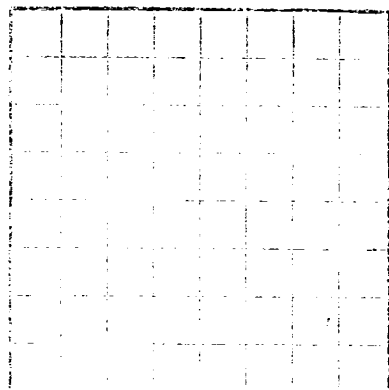
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>Formation Test (log)</u>
			<u>Ojo Alamo</u> <u>2561'</u>
			<u>Kirtland</u> <u>2782'</u>
			<u>Fruitland</u> <u>2965'</u>
			<u>Pie Cliffs</u> <u>3212'</u>
			<u>Lewis</u> <u>3300'</u>
			<u>Cliff House</u> <u>4937'</u>
			<u>Mancos</u> <u>4981'</u>
			<u>Pt Lockout</u> <u>5510'</u>
			<u>Mancos</u> <u>5657'</u>
			<u>Gallup</u> <u>6612'</u>
			<u>Tecito</u> <u>6938'</u>
			<u>Sanabete</u> <u>7040'</u>
			<u>Greenhorn</u> <u>7350'</u>
			<u>Graneros</u> <u>7470'</u>
			<u>Dakota</u> <u>7565'</u>

(OVER)

FORMATION RECORD—CONTINUED

LOG OF OIL OR GAS WELL



STATE WENT CORRECTLY

The information given here is a complete and correct record of the well and all work done thereon
so far as can be determined from all available records.
This record was made by _____
Division of _____
of _____
Well No. _____
Location _____
Person or Trust _____
Company or Trust _____
Field _____ State _____
Address _____

THE U.S. DEPT. OF JUSTICE

Part w/4 lane wells jets per foot from 7670-58, 7651-45, 7628-45, 7628-16, 7592-68, set Baker packer on tbg @ 7552 acidized parts w/250 gal acid HD 6000#/
 Max 6400#, Standing press 1800# IR 8.5 BHM, Part w/4 lane wells jets per foot
 from 7529-36, 7480-96, 7456-67, 7471-50, Set Baker packer on tbg @ 7400,
 and Free upper Dakota IR 4/30,000 gal w/ 30,000# 70-60 sd, HD 4200# IR 6000#,
 Ave 5900#, Max 6000#, final 5500# IR 9.5 BHM standing pressure 1900#, Part
 w/2 lane wells jets per ft from 5480-94, 5472-76, 5462-68, 5451-58, 5430-38,
 and zone w/57,990 gal w/ @ 55,000# 20-40 sd, HD 1100# IR 1800#, Max 1800#
 320 1700# final 1800# & was standing pressure 300# IR 74.6 BHM, Part w/2 lane
 wells jets per foot from 5113-20, 5098-5106, 5062-5070, 4977-4984, 4947-4954
 IF 1800#, Max 2200#, final 2100#, was 1800# standing to vacuum, dropped total
 of 160 balls, cleaned out to the set Baker Model W/4 packer @ 7410 Ran 2-3/8"
 tbg set @ 7410 W/Baker Model W/4 packer @ 7452 and Oils Type I cross-over choke
 @ 7455. • Kicked W/4 Dr Off - Still.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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 substituted, 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

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

[illegible]0-10-1
 KRAM