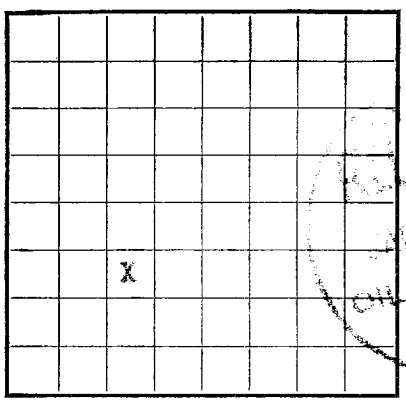
5 USGS
2 Occidental
1 NMP
1 Reese
1 File

Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Jicarilla Apache
SERIAL NUMBER Contract # 117
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED JAN 1959 GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Occidental Petroleum Corp. Address Box 167, Gardena, California

Lessor or Tract Field Blanco MV State New Mexico

Well No. 2-27 Sec. 27 T. 26N R. 3W Meridian NMPM County Rio Arriba

Location 1850 ft. [N.] of S Line and 1750 ft. [E.] of W Line of Sec 27 Elevation 7397 G.L.
(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 Original signed by [illegible]

Date January 7, 1959 Title Consulting Engineer

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

Commenced drilling July 16, 1958 Finished drilling December 9, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3994 to 4056 (G) No. 4, from to

No. 2, from 6140 to 6256 (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 From—	Perforated To—	Purpose
10-3/4	32.75	8 Rd	H-40	235.00	Davis				
7-5/8	26.40	8 Rd	J-55	4209	Halliburton				
5-1/2	15.5	8 Rd	J-55	2014.06	Halliburton				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	247	200	Pump Plug		
7-5/8	4206	250	Pump Plug		
5-1/2	6335	250	Pump Plug		

MARK FOLD

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 6336 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

DATES

December 23, 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 CAOF 487 MCF P.C. CAOF 830 MCFMV Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1000 P.C. 1169 M.V.

EMPLOYEES

Ed Delaney Superintendent, Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Kirtland 3749'
			Fruitland 3813'
			Pictured Cliffs 3991'
			Lewis 4056'
			Cliff House 5660'
			Menefee 5758'
			Point Lookout 6183'

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, 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 "sidetracked" 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.

Perf. W/4 bullets per foot 6140 - 56, 6162 - 86, 6192 - 6204, 6210 - 34. Fractured W/68,000# sd 74,000 gal. water, B.D. 1900# Min. 1500# Max. 2800# Final 2200# dropped 100 T.B. AIR 52.7 BPM. Reperforate W/4 jets per foot 6230 - 6210, 6204 - 6192, 6186 - 6162, 6156 - 6140. Set bridge plug @ 4130. Perf. W/2 per foot 4032 - 56, 4008 - 12, 3994 - 4002. Frac. W/40,000# 20-40 sd 56,000 gal water. B.D. 650# Ave. 1300# dropped 60 T.B. AIR 73 B.P.M.