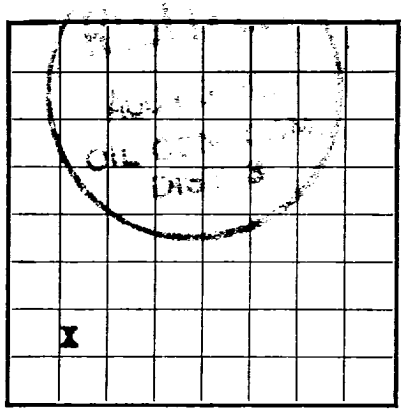
5-USGS
2-Occ
1-NWP
1-Reese
1-File

Form 9-330

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

U. S. Land Office Jicarilla Apache
Serial Number Contract #152
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 Jicarilla Field So Blanco Ext State New Mexico
Well No. W-2-8 Sec. 8 T. 26N R. 5W Meridian NMPM County Rio Arriba
Location 990 ft. {N. / SX} of S Line and 890 ft. {E. / W} of W Line of Sec 8 Elevation 6681
(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 T. A. Dugan

Date June 5, 1958 Title Consulting Engineer

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

Commenced drilling May 7, 19 58 Finished drilling May 22, 19 58

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3209 to 3246 G No. 4, from to
No. 2, from to 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 From—	Perforated To—	Purpose
8-5/8	24#	8R		250.23	Larkin				Surface
5½	15.5#	8R		3408	Larkin				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	245'	140 sx	Pump plug		
5½	3416	200 sx	Pump plug		

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 3429 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

June 4, 19 58 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 2428 CAOF Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1067#

EMPLOYEES

Ed Delaney, Driller Supt , Driller
Jack Auten, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Log Tops:
			Ojo Alamo 2559'
			Kirtland 2780'
			Fruitland 2962
			Pic Cliffs 3206
			Lewis 3296

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/2 super jets per foot 3236-46' and 3209-3217'. Spotted 300 gal acid on fm. Broke formation down w/4400# broke back to 600 psi. Frac w/50,000 gal wtr & 50,000# 20-40 sd. IP 1500# Max 1650# Min 1400# Ave 1500# Dropped 50 rubber balls ave IR 435 BPM final standing pressure 600#.