

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Occidental Petroleum Corp. Address 4101 Pierce Road, Bakersfield, Calif.
Lessor or Tract East Field Blanco MV- Tapad to PC State New Mexico
Well No. 9-10 Sec. 10 T. 26N R. 3W Meridian NMPM County Rio Arriba
Location 1850 ft. N. of S. Line and 1850 ft. E. of W. Line of Section 10 Elevation 7120 GL
(Specify flow relative to 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 James H. Jacobs
Date August 19, 1959 Title Geologist

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

Commenced drilling 4-23, 1959. Finished drilling August 10, 1959.

OIL OR GAS SANDS OR ZONES

(Denote on 32 G)

No. 1, from _____ to _____ 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 _____ 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—	
10-3/4"	32.75#	8 Bd.	H-40	222 22	Larkin				Surface
7"	20#	8 Bd.	H-40	1301 82	Larkin				Three separate
5"	15#	8 Bd.	H-40	215 42	Larkin				production
HISTORY OF OIL OR GAS WELL									Liner

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	235.22	150 ex. & 3% CaCl	Pump Plug		
"	4027.07	250 ex. & 2% CaCl	Pump Plug		
"	6083.00	240 cu. ft. 30% diacel & 15 ex. reg.	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 6085 feet, and from _____ feet to _____ feet

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

DATES

-----, 19----- Put to producing ----- **August 10** -----, 19**59**-----

The production for the first 24 hours was _____ barrels, of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours -----	Gallons gasoline per 1,000 cu. ft. of gas -----
Rock pressure, lbs. per sq. in. -----	

EMPLOYEES

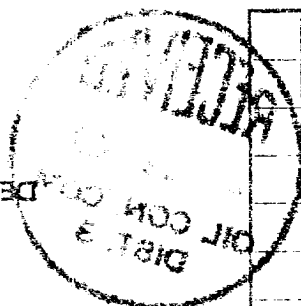
Tom Benton - Superintendent _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>Formation Tops</u>
			Ojo Alamo 3272
			Kirtland 3511
			Fruitland 3618
			Pictured Cliffs 3766
			Lewis 3848
			Cliff House 5548
			Menefee 5592
			Pt. Lookout 5912

U.S. Land Office
 Bureau of Land Management
 Department of the Interior

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



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Well No. _____ T. _____ R. _____ Meridian _____
County _____ State _____
Lessor or Trust _____
Address _____
Company _____

Belt w/ 2 shots per foot 3842-32 SWF w/ 12,600 gallons water treated 3-1/2%
 Cact and 26,000# sand BD 2000# back to 700# Avg. treating pressure 1300#
 Avg. IR 17 BPM. Standing pressure 550#. Set Baker retrievable bridge plug @
 3827'. Belt w/ 2 shots per foot 3798-3826' SWF perls w/ 14,280 gallons water
 @ 40,000# sand BD 2100# back to 1500# minimum pressure 1100# maximum @
 final 3000# dropped to rubber roller. Avg. IR 7 BPM side press: 200#

25 sacks from 5960-5985, 25 sacks 5685-5402, 10 sacks from 5065-4745, were spotted.

Perf 5952-5931 and 5924-5918 w/2 shots per foot SWF w/35,000 gallons water & 50,000 sand. Dropped 40 rubber balls in two stages. Frac pressures 2100#-2000# standing pressure 300#. Set Baker retrievable bridge plug at 5873' Perf 5562-5580', 5586-5597, 5665-5680', 5706-5703', 5746-5760', 5845-5851' w/2 shots per foot. SWF w/50,000 gallons water and 100,000 sand dropped 80 rubber balls frac pressure from 2800#-2160#. Avg. IR 44.7 BPM

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 "sidered up", 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 testing.

HISTORY OF OIL OR GAS WELL

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FORMATION RECORD—Continued