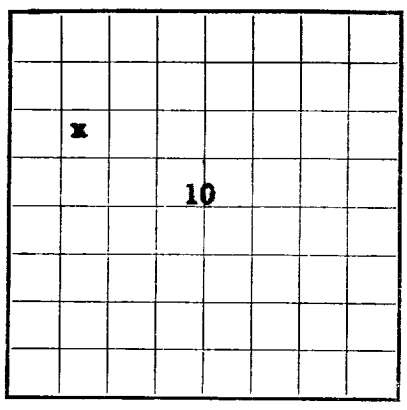
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM-024158
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

USGS-5
Acctg-1
C.E. Aikman-1
File-1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Northwest Production Corporation Address 520 Simms Bldg., Albuquerque, N.M.

Lessor or Tract Blanco 30-12 Field Wildcat (Fruitland) State New Mexico

Well No. 4-10 Sec. 10 T. 30N R. 12W Meridian NMPM County San Juan

Location 1800 ft. {N.} of N Line and 800 ft. {E.} of W Line of Section 10 Elevation 5764 ungr
(Derrick floor relative to sea level) grnd

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.

RAY PHILLIPS
Signed Ray Phillips

Date March 4, 1957 Title Asst Mgr, Prod. Operations

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

Commenced drilling February 5, 1957 Finished drilling February 17, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1816 to 1830 G No. 4, from to

No. 2, from 1906 to 1934 G 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
7-5/8	24	8-RD		158.16	Baker Guide				
4-1/2	9.5	8-RD		1976.14	Baker Guide				
1-1/4	2.3	10-RD		1990.00					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8	169.11	200	Howco		
4-1/2	1989.96	100	Howco		

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 1990 feet, and from feet to feet

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

DATES

February 26, 1957 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 5,946 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. SI TP 677#, SI CP 677#. SI 8 days

EMPLOYEES

R. E. Mieze, Driller Drlg Engr, Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	514	514	Surface
514	574	60	Ojo Alamo - Sand
574	1717	1143	Kirtland - Interbedded sand and shale
1717	1990	273	Fruitland - Interbedded sand, shale and coal

[OVER]

16—43094-4

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

CORING RECORD

Core #1 from 1780-1814. Cut 34' and rec 33' - 8' sand, 19' shale and 6' coal.

Core #2 from 1814-1842. Cut 28' and rec 29' - 17' sand, 8' shale and 4' fractured coal and shale.

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.

TD 1900'. BPD 1901'. MI & RU Compl Unit. Csg tstd OK. Perf 1806-34 w/4 SPF. Frac Fruitland w/20,000 gals wtr, 20,000# sd and 20 gals W 1-7 agent. BD 1550#. IP 1500#. Max 1750#. Avg 1600#. Final 1700#. Stdg 850# in 5 mins. Inj 74 ball sealers. IR 33.4 BPM. Cleaned out 40' sand. Perf 1816-30 w/6 SPF. Set BP @ 1840' and frac Fruitland w/23,000 gals wtr, 20,000# sd and 20 gals W 1-7. BD 1500#. IP 1400#. Avg 1300#. Max 1500#. Final 1350#. Stdg 700# in 5 mins. IR 43 BPM. Inj 72 ball sealers. Avg IR 41.3 BPM. Well flowed back w/gas to surf in 1 hour. Blew BP out of hole. Set 1898' of 1¼" OD J-55 2.3# 10-RD tubing at 1904' and released unit 2-17-57. Shut well in for gage.

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