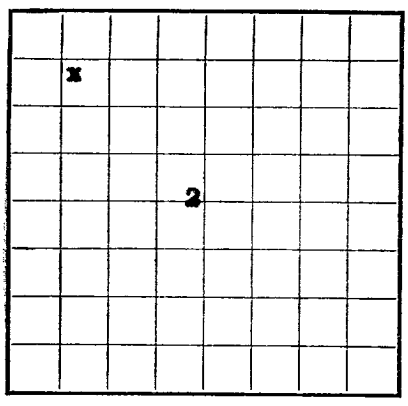
USGS - 5
Acctg - 1
File - 1

Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.



LOCATE WELL CORRECTLY

U. S. LAND OFFICE _____
SERIAL NUMBER Jicarilla
LEASE OR PERMIT TO PROSPECT
Contract #126

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 "S" Field Wildcat State New Mexico
Well No. 5-2 Sec. 2 T. 24N R 3W Meridian N.M.P.M. County Rio Arriba
Location 890 ft. [N.] of Sec Line and 990 ft. [E.] of Sec Line of Section 2 Elevation 6909.0 Grnd.
(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 RAY PHILLIPS Ray Phillips

Date September 18, 1956 Title Asst Mgr, Production Operations

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

Commenced drilling 7-10, 1956 Finished drilling 8-20, 1956

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3112 to 3146 G
No. 2, from 3170 to 3192 G
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____
No. 2, from _____ to _____
No. 3, 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	Spang	101.96					
			Baker	1.30	Tex Ptn				
5	11.5	8-RD	S & L	3242.3			3112	3146	Compl
			Baker	1.25	Float		3170	3192	Compl
1-1/4	2.3	10-RD		3126.88					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8	111.61	75	Howco		
5	3250.4	50 of 8% & 50 neat	Howco		

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 3250 feet, and from _____ feet to _____ feet
Cable tools were used from ____ feet to _____ feet, and from _____ feet to _____ feet

DATES

September 10, 1956 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, MCF/day. per 24 hours 525 CAOF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. SI TP 993#. SI CP 993#. SI 12 days.

EMPLOYEES

M. B. Jones, Drlg. Engnr, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2608	2608	Surface
2608	2792	184	Ojo Alamo - Sand w/some shale
2792	2916	124	Kirtland - Shale & sand
2916	3086	170	Fruitland - Interbedded sand, shale & coal
3086	3184	98	Pictured Cliffs - Sand
3184	3250	66	Lewis - Shale

16—43094-3

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.

TD 3250'. PBD 3245'. MI Compl Rig. Perf 3170-92 w/4 SPF and 3112-46 w/3 SPF. Frac Pictured Cliffs w/40,000 gals water & 40,000# sand [illegible]. Avg 1800#. Final 800#. IR 38.2 BPM. Set 3125.58' of 1-1/4" [illegible]-55 2.3# [illegible]-RD tubing @ 3131.86', and swabbed well in. Released completion rig 8:00 am [illegible]-56 and shut well in for gage.