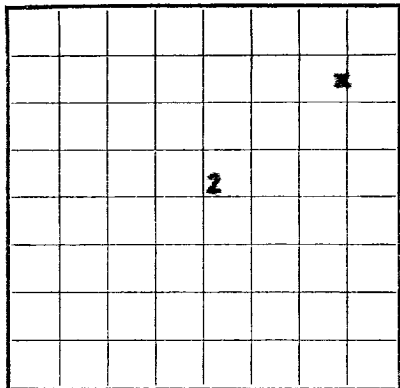




LOCATE WELL CORRECTLY

USGS-5
Acctg - 1
File - 1

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 Corp.** Address **520 Simms Bldg, Albuquerque, N.M.**
Lessor or Tract **"S"** Field **Wildcat (PC)** State **New Mexico**
Well No. **4-2** Sec. **2** T. **24N** R. **4W** Meridian **106W** County **Rio Arriba**
Location **1150** ft. **N** of **N** Line and **1120** ft. **E** of **E** Line of **Section 2** Elevation **7213** ungr
S. W. (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.
Signed **RAY PHILLIPS**
Ray Phillips
Date **February 15, 1957** Title **Asst Mgr, Production Operation**

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

Commenced drilling **January 24**, 19 **57** Finished drilling **February 2**, 19 **57**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **3440** to **3520** **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		Purpose
							From—	To—	
7-5/8	24	8-20	--	179.88	Baker Guide				
4-1/2	9.5	8-20	--	3571.83	Hawco Guide		3440	3520	Coopl
1-1/4	2.3	10-20	--	3452.7					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8	140.91	125 w/2% CaCl	Howco		
4-1/2	3583.0	150 w/1% floccs	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 **3583** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 14, 19 **57** Put to producing **Not connected**, 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. **MT** per 24 hours **CAOF 839** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **SI TP 9934, SI CP 9934, SI 7 days.**

EMPLOYEES

_____, Driller _____, Driller
L. E. Gilbert, Driller **Drig. Engr.** _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2946	2946	Surface
2946	3050	104	Ojo Alamo - Sand
3050	3265	215	Kirtland - Shale
3265	3428	163	Fruitland - Interbedded sand, shale & coal
3428	3528	100	Pictured Cliffs - Sand
3528	3583	55	Lewis - Shale

1. The first step is to identify the problem or question that needs to be answered.

... .. 1977
... .. 1978
... .. 1979