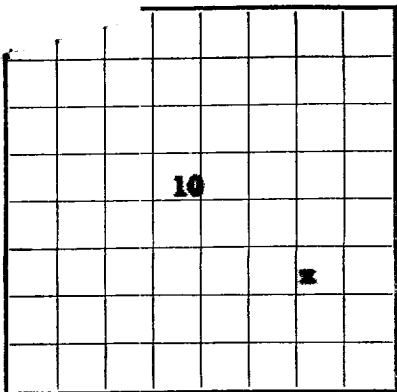


U. S. LAND OFFICE
SERIAL NUMBER **Jicarilla**
LEASE OR PERMIT TO PROSPECT
Contract #127



USGS-5
Acctg-1
File-1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Northwest Production Corp.** Address **520 Simms Bldg., Albuquerque, N.M.**
Lessor or Tract **"B"** Field **Wildcat (PC)** State **New Mexico**
Well No. **9-10** Sec. **10** T. **24N** R. **4W** Meridian **NMPH** County **Rio Arriba**
Location **1600** ft. **[N.]** of **S** Line and **1000** ft. **[X.]** of **E** Line of **Section 10** Elevation **6757** mgsr
[X.] **[W.]** **grad**
(Derriek 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**
Date **February 15, 1957** Title **Asst Mgr. Production Operations**

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

Commenced drilling **Dec 7**, 19**56** Finished drilling **January 1**, 19**57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2040** to **2912** **G** No. 4, from **2912** to **2912**
No. 2, from **2912** to **2912** No. 5, from **2912** to **2912**
No. 3, from **2912** to **2912** No. 6, from **2912** to **2912**

IMPORTANT WATER SANDS

No. 1, from **None** to **None** No. 3, from **None** to **None**
No. 2, from **None** to **None** No. 4, from **None** to **None**

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	26.4	8-20	---	114.37	Baker Guide	---	---	---	---
4-1/2	20.3	10-20	---	2982.0	---	---	---	---	---
1-1/4	2.3	10-20	---	2993.51	---	---	---	---	---

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8	124.87	100	Howco	---	---
4-1/2	2982.0	150 w/1/4 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 **2982** 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 _____, 19____
Not connected

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

If gas well **NOT** ft. per 24 hours **CAGE 297** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **SI TP 9608. SI CP 9594. SI 12 days.**

EMPLOYEES

L. E. Gilbert, Driller **7/1/57** **Belg Ingr**, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2232	2232	Surface
2232	2340	108	Ojo Alamo - Sand
2340	2652	312	Kirtland - Shale
2652	2820	168	Fruitland - Interbedded sand, shale & coal
2820	2915	95	Pictured Cliffs - Sand
2915	2982	67	Lewis - Shale

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LOCATE WELL CORRECTLY

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
 Location _____ of _____ Line and _____
 Well No. _____ Section _____ Meridian _____
 Lessor or Trustee _____
 County _____ State _____
 Address _____
 Company _____

Completed drilling _____, 19____. Finished drilling _____, 19____.

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

Date _____

This page shall be filled out by _____

OIL OR GAS SANDS OR ZONES

MI ends with 12-29-56 and ends 12 hrs. Well kicked off. Released with 12 noon 1-1-57 and shut well in for 2 hrs. (Dennis says so) OIL OR GAS SANDS OR ZONES

No. 2095-51 at 16 ON 3-53 2-34 TO HD LINDHOLM 2901-98.

No. released 12 noon 12-23-56. Sent well in box 5088. Will mail

1600Z to 1800Z, AVE 1650Z, MAX and FINAL 1800Z
IN] 730 bull sealers w/504 grid face during track.
Stock 8000Z, II-94 RPL. Cleared out

FD 2982, PFD 2980, Part 4, CAG EX 2040-2912, W/G EXT.

No. 2 from _____ to _____

No. 1 from _____ to _____

CASING RECORD

[illegible]

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 name of operator. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

RECORDING AND MUDGING

been born to Luoma	yberg bN.	born bnd M	Borned to ssa ssd mmm	Wesert W	M ssm

PLUGS AND ADAPTERS

Adapters—(Material)	Length	Depth set

SHOOTING RECORD

[illegible]

TOOLS USED

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

DATE

The investigation for the first 84 hours was

conducted by the following:

10-19-67

But no progress.

10-19-67

emulsion; and	35	sement.
The production for the first 24 hours was	34	and
_____ barrels of kind of which	33	was out; _____
Gravity	32	

Gallons gasoline per 1000 cu ft of gas	If gas well runs 24 hours per day			

EMPLOYEES

EMPLOYEES

[illegible]

FORMATION RECORD

[illegible]

FORMATION RECORD—Continued

INFORMATION

TOTAL FEET

—OL

FROM—