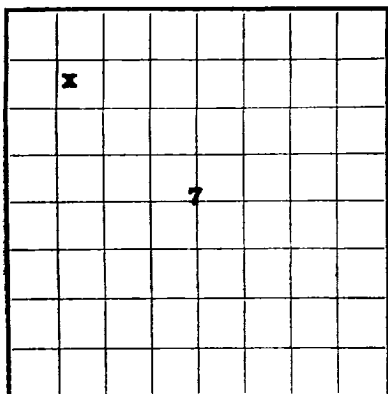


U. S. LAND OFFICE
SERIAL NUMBER **Jicarilla**
LEASE OR PERMIT TO PROSPECT
Contract # 123

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **Northwest Production Corp.** Address **520 Simms Bldg. Albuquerque, N. M.**
Lessor or Tract **"C"** Field **So Blanco PC Extn** State **New Mexico**
Well No. **1-7** Sec. **7** T. **25N** R. **4W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **930** ft. **XX** of **Sec** Line and **830** ft. **XX** of **Sec** Line of **Section 7** Elevation **6993.0** 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 **August 15, 1956** Title **Asst Mgr. Production Operations**

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

Commenced drilling **July 14**, 19**56** Finished drilling **August 6**, 19**56**

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

No. 1, from **3390** to **3414** No. 4, from _____
No. 2, from _____ to _____ No. 5, from _____
No. 3, from _____ to _____ No. 6, from _____

IMPORTANT WATER SANDS

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

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	24.0	8-EO	Spang	100.81					
4-1/2	2.5	8-EO	J & L	3305.55					
1-1/4	2.3	10-EO		3405.51					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8	119.16	75 w/2% CaCl	Howco		
4-1/2	3513.0	50 w/8% gel 50 neat	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 **3513** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 14, 19**56** 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, **Yes** per 24 hours **3,664** **CAOF** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **SI CP 955#** **TP 955#** **SI 7 days**.

EMPLOYEES

M. B. Jones, **DECK** Drilling Engineer _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2812	2812	Surface
2812	3036	224	Ojo Alamo - Sand
3036	3190	154	Kirtland - Shale w/some sand
3190	3388	198	Fruitland - Interbedded sand, shale & coal.
3388	3470	82	Pictured Cliffs - Sand
3470	3513	43	Lewis - Shale

Approved: _____
 Special Agent in Charge

SECRET

PLEASE DO NOT REPLY TO THIS LETTER

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Date: _____
 Title: Assistant Production Operations
 Signed: _____
 The information given herewith is a complete and correct record of the well and all work done thereon
 as far as can be determined from all available records.
 Location: _____ of sec line and 230 ft. E. of sec line of section 1, _____
 Well No. 1-7 _____ Sec. 4, T. 28N. R. 44W. Meridian _____ County _____
 Lessor or Tract _____ Field 50 Acres 50 Acres State _____
 Company: _____ Address 280 State Street _____

Completed drilling _____ 19____ Finished drilling _____ August 19____
The summary on this page is for the condition of the well as above date.
Date _____ August 19____ Title _____ Production Operations

Oil or Gas Sands or Zones

(D) not answered

No. 1, from	2380	to	2415	No. 4, from
No. 2, from		to		No. 5, from
No. 3, from		to		No. 6, from

TD 3513. PWD 3483. Port 3500-3414 w/4 shots/it. Could not hit w/20000.
 Spotted 250 hits 15% acid on birds. 1/2 landed w/20,000 hits w/20000 ad-
 RJ16000. Avg 18000. Final 2000. In 40.3 min. Set 3405. 11. of 11. 1.00
 J-55 2.3# 10 RD tubing @ 3417.56'. Retained unit 1:30 p.m. 8-4-60
 for logs.

Size Cast per foot	Weight per foot	Threads per inch	Wage	Amount	Kind of shoe	Cut and pulled from	Reconditioned In -	Purpose
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It is of the greatest importance to make a complete list of the reasons for the work and the 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 barrels were put in the test for water, state the material used, position, and results of pumping or balling.

STORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-50881-2

MILDRING AND CEMENTING RECORD

Serial	Whose of	Number of elements	Method used	How many	Amount paid to informant
1-2	100-10	100-10	How	How	
1-3	100-10	100-10	How	How	

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from	feet to	feet, and from	feet to
Table tools were used from	feet to	feet, and from	feet to

23TAC

Boop pressure lbs per sq in.	61.00	89.00
If gas well,	7,284 cubic	
feet per 24 hours		
emulsion; water; and sediment.		
The production for the first 24 hours was		
barrels of fluid of which _____ was oil; _____		
Gas to producing _____		

EMPLOYEES

Driller	Driller	Driller
Driller	Driller	Driller

FORMATION RECORD

FROM -	TO -	TOTAL FEET	FORMATION
0	2812	2812	Surface
2812	3036	224	Ojo Alamo - Sand
3036	3190	154	Firestone - Shale with sand
3190	3288	98	Firestone - Interbedded sand, shale &
3288	3410	122	Patterned Cliffs - Sand
3410	3512	102	Lewis - Shale