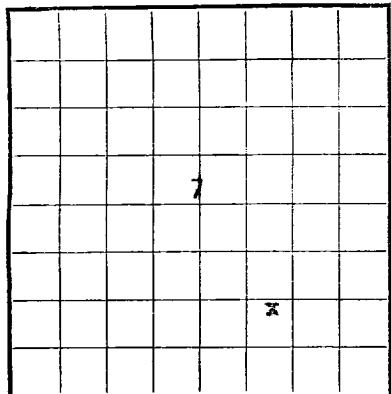


Form 9-330

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



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Northwest Production Corporation** Address **520 Sians Bldg., Albuquerque, N.M.**
Lessor or Tract _____ Field **So. Blanco PC** State **New Mexico**
Well No. **12-7** Sec. **7** T. **25N** R. **4E** Meridian **DEM** County **Sitrrith**
Location **1100** ft. **[N.]** of **S** Line and **1420** ft. **[E.]** of **A** Line of **Section 7** Elevation **7366** ungr
(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 **January 10, 1958** Title **Asst Mgr. Prod Opr**

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

Commenced drilling **December 3 1957** Finished drilling **January 2, 1958**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3568** to **3598** 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—	
8-5/8	24.0	8-RD	--	123.16	Baker guide				
5-1/2	13.5	8-RD	Spang	3589.11	Larkin float		3568	3598	Comp
1-1/4	2.3	10-RD	--	3543.15					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	135.30	75	lowcp		
5-1/2	3694.06	100	lowcp		

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 _____ feet to **3700** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 2, 1958 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** ft. per 24 hours **5,218** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **SI TP 1025#, SI CP 1025#, SI 7 days.**

EMPLOYEES

M. B. Jones Driller **77777** Drlg Engr _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2996	2996	Surface
2996	3186	190	Ojo Alamo - Sand
3186	3353	167	Kirtland - Shale w/sand stringers
3353	3522	169	Fruitland - Sand, shale and coal
3522	3614	92	Pictured Cliffs - Sand and sandy shale
3614	3700	86	Lewis - Shale

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1200	1250	50	...
1250	1300	50	...
1300	1350	50	...
1350	1400	50	...
1400	1450	50	...
1450	1500	50	...
1500	1550	50	...
1550	1600	50	...
1600	1650	50	...
1650	1700	50	...
1700	1750	50	...
1750	1800	50	...
1800	1850	50	...
1850	1900	50	...
1900	1950	50	...
1950	2000	50	...
2000	2050	50	...
2050	2100	50	...
2100	2150	50	...
2150	2200	50	...
2200	2250	50	...
2250	2300	50	...
2300	2350	50	...
2350	2400	50	...
2400	2450	50	...
2450	2500	50	...
2500	2550	50	...
2550	2600	50	...
2600	2650	50	...
2650	2700	50	...
2700	2750	50	...
2750	2800	50	...
2800	2850	50	...
2850	2900	50	...
2900	2950	50	...
2950	3000	50	...
3000	3050	50	...
3050	3100	50	...
3100	3150	50	...
3150	3200	50	...
3200	3250	50	...
3250	3300	50	...
3300	3350	50	...
3350	3400	50	...
3400	3450	50	...
3450	3500	50	...
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3750	3800	50	...
3800	3850	50	...
3850	3900	50	...
3900	3950	50	...
3950	4000	50	...
4000	4050	50	...
4050	4100	50	...
4100	4150	50	...
4150	4200	50	...
4200	4250	50	...
4250	4300	50	...
4300	4350	50	...
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4750	4800	50	...
4800	4850	50	...
4850	4900	50	...
4900	4950	50	...
4950	5000	50	...

HISTORY OF OIL OR GAS WELL

16-43094-2

U. S. GOVERNMENT PRINTING OFFICE

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 balling.

TD 3700'. PBD 3683'. MI & RU compl unit 12-28-57. Casing tested OK. Perf 3568-3588 w/ 3 SET. OFrac Pictured Cliffs w/42,000 gals water and 30,000 gal. oil. BD-2600#. IP 1600#. Avg 1400#. Max 1600#. Final 1400#. Stdg 600#. IR 55 BPM. Used 100 balls. Cleaned out sand and set 3543.15' of IR J-55 2.34 10-RD tubing at 2555'. Washed well in and released 12:31 AM 1-2-58. Well SIFIP.

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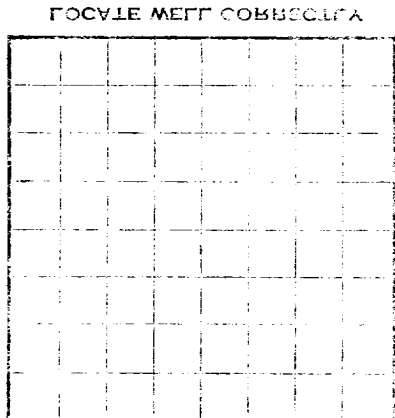
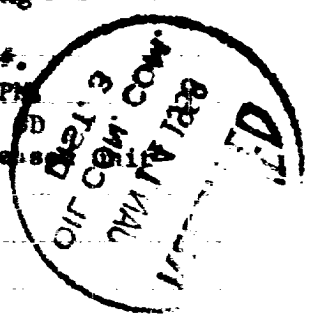
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