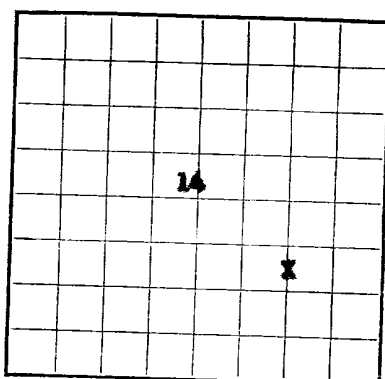




LOCATE WELL CORRECTLY

USGS-5
Acctg-1
File-1Santa Fe
U. S. LAND OFFICE **MS-619403**
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Northwest Production Corporation** Address **320 Simms Bldg, Albuquerque, N. M.**
Lessor or Tract **San Juan 27-3** Field **So Blanco PC** State **New Mexico**
Well No. **1-14** Sec. **14** T. **27N** R. **8W** Meridian **10W** County **San Juan**
Location **1650** ft. **N.** of **S** Line and **1190** ft. **E.** of **E** Line of **Section 14** Elevation **6641** **Ungr**
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 **July 25, 1957** Title **Asst Mgr, Prod Operations**

The summary on this page is for the condition of the well at above date.
Commenced drilling **July 1**, 19**57** Finished drilling **July 16**, 19**57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2913** to **2974** **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-ED	--	121.7	Baker Cuda				
5	11.3	8-ED	--	3042.44	Larkins Cuda	2913	2974		Completion
1-1/4	2.3	10-ED	--	2926.12	C. F. Cox Cuda				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8	133.2	75	Howco		
5	3053.27	100	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 **3053** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet; and from _____ feet to _____ feet

DATES

July 24, 19**57** 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, cu. ft. per 24 hours **None** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **SI TP 8869. SI CP 8869. SI 7 days.**

EMPLOYEES

M.B. Jones, Driller **PPPP/1** Drig Engg _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2080	2080	Surface
2080	2183	103	Ojo Alamo - Sand
2183	2690	507	Kirtland - Shale w/sand stringers
2690	2905	215	Fruitland - Sand, shale and coal
2905	2996	91	Pictured Cliffs - Sand
2996	3053	57	Lewis - Shale

(OVER)

10-43094-4

FORMATION RECORD—Continued

FORMATION RECORD—Continued[illegible]

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.

SYSTEM RECORD

TD 3053'. PBD 3013'. MI & RU compl unit. Cag tested OK. Surf 293-2974
w/2 SPF. Frac Pictured Cliffs w/42,880 gals water and 1000 lbs. BP 3100'.
IP 2400'. Avg 2400'. Max 1300'. Final 1800'. Stg 600'. 150 balls.
Overall IR 49.6 BPM. Set 2923.18' of 18" OD 2-55 2 3/4 ID tubing at
2934.68' and swabbed well in. Released unit 8 am 7-16-57. SUMP.

ONE OF THE SYMPTOMS OF SOME

[illegible]

TOP OF CUT OF GAS METER

[illegible]

GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES

RECEIVED ON BEHALF OF THE DIRECTOR
JANUARY 2, 1962
U.S. POST OFFICE