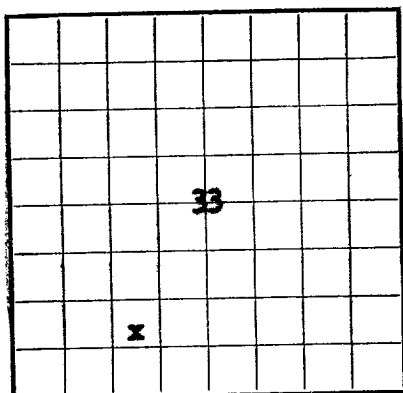
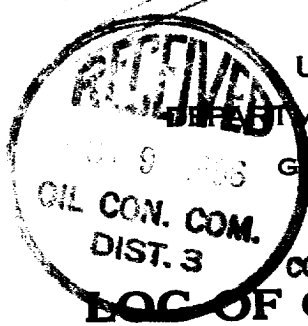


Form 9-330



LOCATE WELL CORRECTLY



U. S. LAND OFFICE
SERIAL NUMBER **Jicarilla**
LEASE OR PERMIT TO PROSPECT
Contract #117

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

CORRECTED

LOG OF OIL OR GAS WELL

Company **NORTHWEST PRODUCTION CORPORATION** Address **520 Simms Building, Albuquerque, New Mex**
Lessor or Tract **"E"** Field **Tapacito PC Extn** State **New Mexico**
Well No. **1-33** Sec. **33** T. **26N** R. **3W** Meridian **Mountain** County **Rio Arriba**
Location **896** ft. **[N.]** of **Sec** Line and **1700** ft. **[E.]** of **Sec** Line of **Sec 33** Elevation **7374.0** 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**
Title **Asst. Mgr., Production Operations**

Date **September 4, 1956**

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

Commenced drilling **June 14**, 19**56** Finished drilling **July 28**, 19**56**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3928** to **3990** No. 4, from **3990** to **4000**
No. 2, from **3990** to **4000** No. 5, from **4000** to **4010**
No. 3, from **4010** to **4020** No. 6, from **4020** to **4030**

IMPORTANT WATER SANDS

No. 1, from **None** to **4030** No. 3, from **4030** to **4040**
No. 2, from **4040** to **4050** No. 4, from **4050** to **4060**

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-RD	Spang	108.46	Test Plug				
4-1/2	14.5	8-RD	Baker	1090.84	Test Plug				
			Baker	1.37	Test Plug				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8	116.90	75 w/2 sz CaCl	Howco		
4-1/2	4107.01	100 w/8 sz gal & 75 neat w/4 floccale	Howco		

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

TOOLS USED

Rotary tools were used from **0** feet to **4107** feet, and from _____ feet to _____ feet
Cable tools were used from **---** feet to _____ feet, and from _____ feet to _____ feet

DATES

August 22, 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, **MC** cu. ft. per 24 hours **GAOF 4,394** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **SI CP 1047#** **SI TP 1047#** **SI // days**

EMPLOYEES

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

FORMATION RECORD

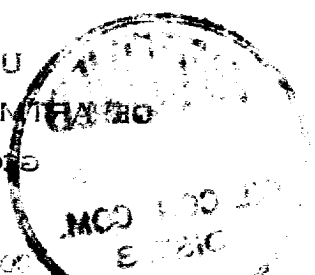
FROM—	TO—	TOTAL FEET	FORMATION
0	3484	3484	Surface
3484	3706	222	Ojo Alamo - Sand w/some shale
3706	3784	78	Kirtland - Shale
3784	3940	156	Fruitland - Interbedded sand, shale & coal.
3940	4042	102	Pictured Cliffs - Sand
4042	4107	65	Lewis - Shale

NOTE: Corrected Initial Potential Test Data. Test of August 10 was for 3 day shut-in only.

FOLD MARK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

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

Date 10-1-1955

Time 11:00 AM

Location Oil well

Set Barker lathe cut tool @ 3500. & send part 3958-50 w/100 ex reg w/1/4 floccule/ex.
Well on vacuum. Record w/125 ex reg w/1/4 floccule/ex. Cleared parts & send w/25 ex
No brass. Needed w/100 ex reg w/1/4 floccule/ex. Send w/10 ex to John &
Landed 60 ex. First press 10000.

48,720 Gals Wtr. Avg. treat 1800#. Final 200#. Stds. sent in 4 mins. IR 41.4 RPM. Flowed back mud and lost circ. material.

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.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]