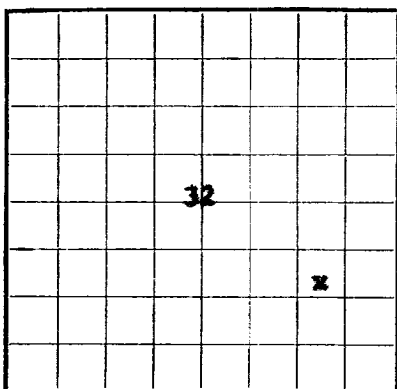
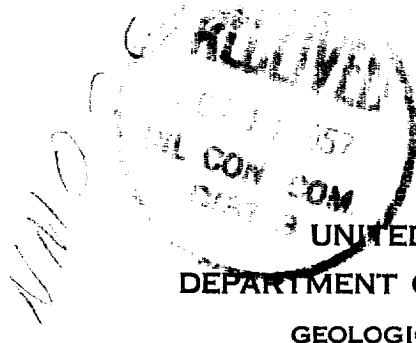




LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SERIAL NUMBER Jicarilla
LEASE OR PERMIT TO PROSPECT
Contract #120UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Northwest Production Corporation Address 520 Sierra Bldg., Albuquerque, N.M.
Lessor or Tract "C" Field Wildcat (PC) State New Mexico
Well No. 13-32 Sec. 32 T. 26N R. 4W Meridian NMPM County Rio Arriba
Location 1690 ft. ^[N.]_[S.] of 3 Line and 790 ft. ^[E.]_[W.] of 2 Line of Section 32 Elevation 6799 ungr
~~XXX~~ ^(Derrick floor relative to sea level) _{grnd}
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. RAY PHILLIPS
Signed Ray Phillips

Date October 10, 1957 Title Asst. Mgr., Prod. Opr.

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

Commenced drilling September 16, 1957 Finished drilling October 1, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3335 to 3352 G No. 4, from _____ to _____
No. 2, from 3360 to 3372 G 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—	
<u>7-5/8</u>	<u>24.0</u>	<u>8-ED</u>	<u>Rayb.</u>	<u>117.19</u>	<u>Howco guide</u>				
<u>5</u>	<u>11.5</u>	<u>8-ED</u>	<u>Tancon</u>	<u>3438.52</u>	<u>Baker Floor</u>		<u>3335</u>	<u>3372</u>	<u>Completion</u>
<u>1 1/2</u>	<u>2.3</u>	<u>10-ED</u>	<u>CP&I</u>	<u>3338.69</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>7-5/8</u>	<u>129.19</u>	<u>75</u>	<u>Howco</u>		
<u>5</u>	<u>3441.55</u>	<u>100</u>	<u>Howco</u>		

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

DATES

_____ , 1957 Put to producing _____ , 19_____
October 9
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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. CAOF 4,263
SI TP 10526 SI CP 10526 SI 8 days.

EMPLOYEES

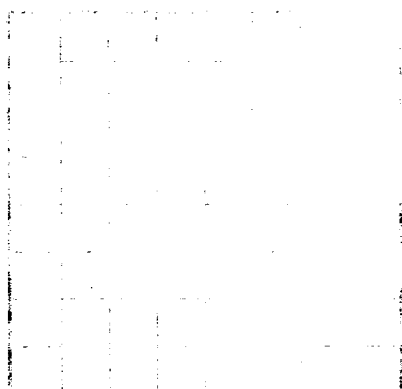
_____, Driller _____, Driller
M. B. Jones Drig Bagr
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2849</u>	<u>2849</u>	<u>Surface</u>
<u>2849</u>	<u>2990</u>	<u>141</u>	<u>Ojo Alamo - Sand</u>
<u>2990</u>	<u>3080</u>	<u>90</u>	<u>Kirtland - Shale</u>
<u>3080</u>	<u>3304</u>	<u>224</u>	<u>Fruitland - Shale, sand and coal</u>
<u>3304</u>	<u>3390</u>	<u>86</u>	<u>Pictured Cliffs - Sand w/shale streaks</u>
<u>3390</u>	<u>3442</u>	<u>52</u>	<u>Lewis - Shale</u>

{OVER}

16-43094-4



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

29 JUL 1964

[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 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

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

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