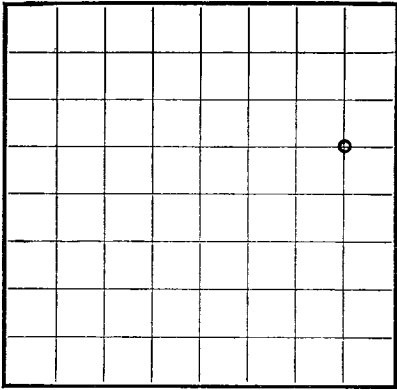




U. S. LAND OFFICE Santa Fe
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____
Lse #079549

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sum Oil Company Address P.O. Box 1798 - Denver, Colorado
Lessor or Tract Fred Phillips - Gov't Field So. Blanco-Pictured State New Mexico
Well No. 4 Sec. 32 T. 25N R. 3W Meridian N.M. County Rio Arriba
Location 1776.9 ft. N of N Line and 857.4 W of E Line of Sec. 32 Elevation 7204.6
(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 J.B. Hammett
Date 1-15-58 Title Div. Supt. Oper. Dept.

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

Commenced drilling 7-21, 1957 Finished drilling 7-30, 1957

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

No. 1, from 3530 to 3580 No. 4, from _____ to _____
No. 2, from 3586 to 3618 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ 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>8-5/8</u>	<u>24</u>	<u>-</u>	<u>new</u>	<u>170</u>	<u>Guide</u>				<u>Surface</u>
<u>5-1/2</u>	<u>14</u>	<u>-</u>	<u>"</u>	<u>3671</u>	<u>"</u>		<u>3530</u>	<u>3580</u>	<u>Oil String</u>
<u>2"</u>	<u>4.7</u>	<u>-</u>	<u>"</u>	<u>3498</u>	<u>"</u>		<u>3586</u>	<u>3618</u>	<u>Tubing</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>170</u>	<u>100</u>	<u>Pump & Plug</u>		
<u>5-1/2</u>	<u>3671</u>	<u>150</u>	<u>"</u>		
<u>2"</u>	<u>3498</u>	<u>-</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 -0- feet to 3671' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES (P.T.)

_____, 19____ Put to producing 1-9, 1958

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment.

If gas well, cu. ft. per 24 hours 2575 MCF Gravity, °Bé. _____

Rock pressure, lbs. per sq. in. 1040 E.P. - 2349 MCF (1 hr)

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2870</u>	<u>2870</u>	<u>Torrejon-Puerco</u>
<u>2870</u>	<u>3320</u>	<u>450</u>	<u>Ojo Alamo</u>
<u>3320</u>	<u>3368</u>	<u>48</u>	<u>Kirtland</u>
<u>3368</u>	<u>3520</u>	<u>152</u>	<u>Fruitland</u>
<u>3520</u>	<u>3620</u>	<u>100</u>	<u>Pictured Cliffs</u>
<u>3620</u>	<u>3671</u>	<u>51</u>	<u>Lewis Shale.</u>

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.

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