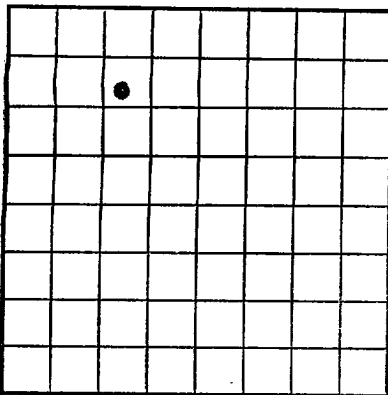


U. S. LAND OFFICE Santa FeSERIAL NUMBER 047017

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Angels Peak Oil Company Address 1104 Burt Bldg., Dallas, Texas
Lessor or Tract Angels Peak - Federal Field Fulcher-Kutz State New Mexico
Well No. 17 Sec 13 T. 28N R. 11W Meridian N.M.P.M. County San Juan
Location 990 ft. N. of N. Line and 1650 ft. E. of W. Line of Sec. 13 Elevation 5810
(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 Van ThompsonDate March 10, 1952 Title Manager, Exploration Dept.

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

Commenced drilling January 22, 1952, 19... Finished drilling February 8, 1952, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1868 to 1975 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 _____ 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>17.66</u>		<u>H 40</u>	<u>43' 5"</u>					<u>Surface</u>
<u>8-5/8</u>	<u>17.66</u>		<u>H 40</u>	<u>105' 3"</u>					<u>Production</u>
<u>5-1/2</u>	<u>11.3</u>		<u>H 40</u>	<u>1882'</u>					<u>Production</u>
<u>1"</u>				<u>1932'</u>		<u>3 jet nipples 200-500-800'</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>153'</u>	<u>75</u>	<u>Halliburton</u>		
<u>5-1/2</u>	<u>1872'</u>	<u>75</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
		<u>Nitro Glycerine</u>	<u>153 qts.</u>	<u>2/9/</u>	<u>1882-1947'</u>	<u>1982</u>

TOOLS USED

Rotary tools were used from 0 feet to 1982 feet, and from _____ feet to _____ feet
Cable tools were used from 1882 feet to complete feet, and from _____ feet to _____ feet

DATES

Put to producing February 11, 1952, 19... , 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 360 MCF Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 3304

EMPLOYEES

Gardner Bros. Drilling Co. Driller contractor _____, DrillerSouthern Union Gas Co. Cable tool contractor _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>735</u>	<u>735</u>	<u>Sand and shale</u>
<u>735</u>	<u>830</u>	<u>105</u>	<u>Alamo</u>
<u>830</u>	<u>1361</u>	<u>531</u>	<u>Sand and shale</u>
<u>1361</u>	<u>1541</u>	<u>180</u>	<u>Shale</u>
<u>1541</u>	<u>1982 T.D.</u>		<u>Sand and shale, with coal streaks</u>

Top Pictured Cliffs formation 1868 feet

