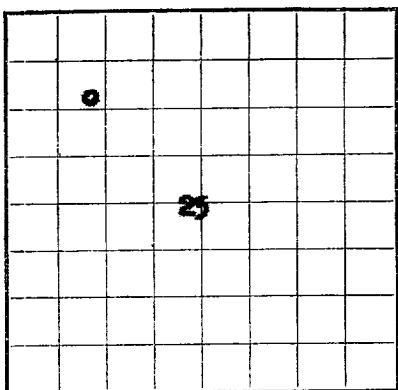
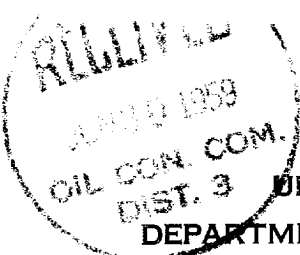




LOCATE WELL CORRECTLY



U. S. LAND OFFICE Alamogordo
Apache Tribe of Indians
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Bart Building, Dallas, Texas
Lessor or Tract Alamogordo Field So. Blanco P.C. State New Mexico
Well No. 5-J Sec. 25 T. 26N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. 1/4 of N Line and 990 ft. 1/4 of N Line of Section 25 Elevation 6587'
(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 Paul J. Clote
Paul J. Clote, Manager
Drilling and Production

Date June 23, 1959
The summary on this page is for the condition of the well at above date.

Commenced drilling May 22, 1959 Finished drilling May 28, 1959

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

No. 1, from 3062 to 3098 (G) No. 4, from _____ to _____
No. 2, from 3104 to 3122 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>9-5/8</u>	<u>32.3</u>	<u>8</u>	<u>3-40</u>	<u>1321'</u>					<u>Surface Production</u>
<u>5-1/2</u>	<u>25.5</u>	<u>8</u>	<u>3-40</u>	<u>3495'</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8</u>	<u>181' RKB</u>	<u>110</u>	<u>Balliburton</u>		
<u>5-1/2</u>	<u>3186' RKB</u>	<u>150</u>	<u>Balliburton</u>		
<u>2"</u>	<u>3079'</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>Perf. 3062-3098', 3104-3122', - frased w/100,000' sand and 60,000 gals. water, 200 rubber balls. IR - 39 MPH</u>						

TOOLS USED

Rotary tools were used from 0 feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to 397 feet, and from _____ feet to _____ feet

DATES

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 CAOF Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 6,332 MCFD
1041' (Elevated) YEES

_____, Driller
Fleeger Drilling Company, Driller
M. O. Hersold, Driller
Robert Cloud, Driller
R. L. Lynch

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>205</u>	<u>205</u>	<u>Sand Rock</u>
<u>205</u>	<u>250</u>	<u>45</u>	<u>Sand</u>
<u>250</u>	<u>397 TD</u>	<u>297</u>	<u>Sand and shale</u>

TOPS: Pictured Cliffs 3062'

