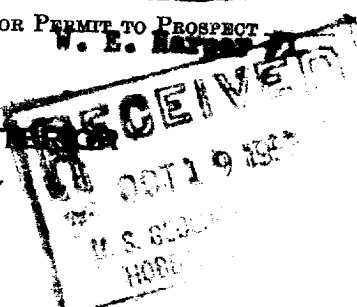


COPY TO O. C. G. HOBBS

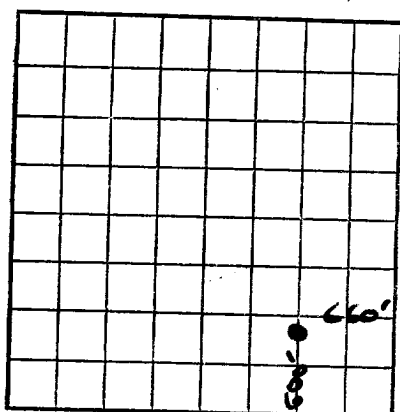
U. S. LAND OFFICE Las CrucesSERIAL NUMBER 069469 A

LEASE OR PERMIT TO PROSPECT

W. E. Harper

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company Sum Oil Company Address Box 2792, Odessa, Texas
Lessor or Tract M. E. Harper Field Wildcat State New Mexico
Well No. 1 Sec 26 T 25S R 35E Meridian N.M.P.M. County Lea
Location 600 ft. N. of S Line and 660 ft. E. of E Line of Sec. 26 Elevation 3116.85
(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 John M. Sweeney
Title Foreman

Date 10-16-53

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

Commenced drilling 5-28-52, 19____ Finished drilling 9-15-53, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 11,688' to 11,700' 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>13 3/8"</u>	<u>48</u>			<u>370.00'</u>					
<u>9 5/8"</u>	<u>24</u>			<u>5072.00'</u>					
<u>7"</u>	<u>16</u>			<u>11691.00'</u>					
<u>5" OH</u>	<u>14</u>	<u>Hydrill</u>		<u>3737.91'</u>	<u>Brown Type V</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13 3/8"</u>	<u>370.00'</u>				
<u>9 5/8"</u>	<u>5072.00'</u>				
<u>7"</u>	<u>11691.00'</u>	<u>205 sacks</u>	<u>Halliburton</u>		
<u>5"</u>	<u>14991.00'</u>	<u>300 sacks</u>	<u>Halliburton</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 14,993 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Z. B. Smith, Driller Clayton Grayley, Driller
J. H. Wilson, Driller W. H. Walker, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>6062</u>	<u>6322</u>	<u>260</u>	<u>Lime</u>
<u>6322</u>	<u>6342</u>	<u>20</u>	<u>Dolo. & Sand</u>
<u>6342</u>	<u>6466</u>	<u>124</u>	<u>Sand & Lime</u>
<u>6466</u>	<u>7052</u>	<u>586</u>	<u>Sand & Shale</u>
<u>7052</u>	<u>7587</u>	<u>535</u>	<u>Sand & Lime</u>
<u>7587</u>	<u>8710</u>	<u>1123</u>	<u>Lime, Shale & Sand</u>
<u>8710</u>	<u>9114</u>	<u>404</u>	<u>Lime & Shale</u>
<u>9114</u>	<u>9194</u>	<u>80</u>	<u>Lime & Chert</u>
<u>9194</u>	<u>9459</u>	<u>265</u>	<u>Lime & Shale</u>
<u>9459</u>	<u>9610</u>	<u>151</u>	<u>Lime & Chert</u>
<u>9610</u>	<u>11272</u>	<u>1662</u>	<u>Lime & Shale</u>
<u>11272</u>	<u>11379</u>	<u>107</u>	<u>Lime</u>
<u>11379</u>	<u>12709</u>	<u>1330</u>	<u>Lime & Shale</u>
<u>12709</u>	<u>12751</u>	<u>42</u>	<u>Lime & Chert</u>
<u>12751</u>	<u>13166</u>	<u>415</u>	<u>Lime & Shale</u>
<u>13166</u>	<u>13206</u>	<u>40</u>	<u>Lime & Chert</u>
<u>13206</u>	<u>13302</u>	<u>96</u>	<u>Lime & Shale</u>
<u>13302</u>	<u>13709</u>	<u>407</u>	<u>Lime</u>
<u>13709</u>	<u>13760</u>	<u>51</u>	<u>Lime & Shale</u>
<u>13760</u>	<u>13948</u>	<u>188</u>	<u>Lime</u>
<u>13948</u>	<u>14135</u>	<u>187</u>	<u>Lime & Shale</u>
<u>14135</u>	<u>14162</u>	<u>27</u>	<u>Lime & Chert</u>
<u>14162</u>	<u>14341</u>	<u>179</u>	<u>Lime & Shale</u>
<u>14341</u>	<u>14374</u>	<u>33</u>	<u>Chert</u>
<u>14374</u>	<u>14437</u>	<u>63</u>	<u>Lime & Chert</u>
<u>14437</u>	<u>14624</u>	<u>187</u>	<u>Lime & Shale</u>
<u>14624</u>	<u>14641</u>	<u>17</u>	<u>Lime & Chert</u>
<u>14641</u>	<u>14793 T.D.</u>	<u>152</u>	<u>Lime & Shale</u>

