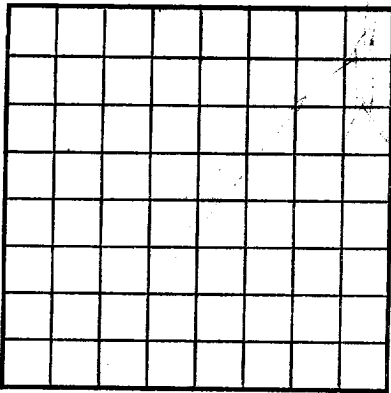




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Company Address Bartlesville, Oklahoma
Lessor or Tract H. M. Britt Field Monument State New Mexico
P.P. Co. Hobbs
Well No. #1 Sec. 18 T. 20-S R. 37-E Meridian N. M. P. M. County Lea
Location 660 ft. {N.} of N. Line and 660 ft. {E.} of E. Line of SW 1/4 Section 18 Elevation 3574
(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 /s/ Earl GriffinDate December 28, 1936Title District Foreman

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

Commenced drilling Oct. 21, 1936 Finished drilling Dec. 9th, 1936

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from G 3723 to 3780 No. 4, from _____ to _____
No. 2, from 3780 to 3870 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
(Not logged - drilled with rotary.)
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>54-1/2</u>	<u>8</u>	<u>Halliburton</u>	<u>216' 9"</u>	<u>None</u>	<u>Failed at 17' 6"</u>			
<u>9-5/8</u>	<u>36</u>	<u>8</u>	<u>Halliburton</u>	<u>255' 0"</u>	<u>Halliburton</u>				
<u>0.D.</u>									
<u>7" O.D.</u>	<u>24</u>	<u>10</u>	<u>S.S.</u>	<u>3778' 0"</u>	<u>Halliburton</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>216' 9"</u>	<u>175</u>	<u>Halliburton</u>		
<u>9-5/8</u>	<u>244' 9"</u>	<u>500</u>	<u>Halliburton</u>		
<u>7"</u>	<u>3778' 0"</u>	<u>125</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 3870 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing Dec. 25th, 1936
The production for the first 24 hours was 172 barrels of fluid of which 99.4 % was oil; 36 %
emulsion; 0.6 % water; and _____ % sediment. Gravity, °Bé. 33.0
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

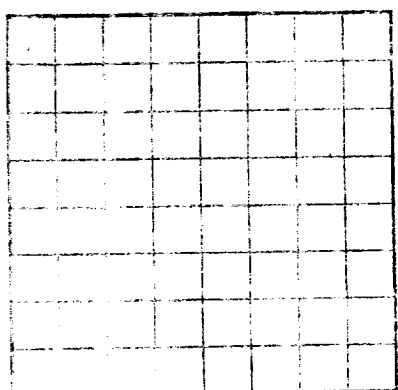
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>220</u>	<u>220</u>	<u>Red rock and gyp</u>
<u>220</u>	<u>235</u>	<u>15</u>	<u>Red rock</u>
<u>235</u>	<u>285</u>	<u>50</u>	<u>Sand & Shale</u>
<u>285</u>	<u>550</u>	<u>265</u>	<u>Red bed</u>
<u>550</u>	<u>595</u>	<u>45</u>	<u>Red bed and shell</u>
<u>595</u>	<u>790</u>	<u>195</u>	<u>Red bed</u>
<u>790</u>	<u>885</u>	<u>95</u>	<u>Red bed and sand</u>
<u>885</u>	<u>1021</u>	<u>136</u>	<u>Red bed</u>
<u>1021</u>	<u>1030</u>	<u>9</u>	<u>Anhydrite</u>
<u>1030</u>	<u>1250</u>	<u>220</u>	<u>Anhydrite and red bed</u>
<u>1250</u>	<u>1390</u>	<u>140</u>	<u>Anhydrite and salt</u>
<u>1390</u>	<u>1450</u>	<u>60</u>	<u>Anhydrite</u>
<u>1450</u>	<u>1500</u>	<u>50</u>	<u>Salt and Shell</u>
<u>1500</u>	<u>1605</u>	<u>105</u>	<u>Salt, red bed and anhydrite</u>
<u>1605</u>	<u>1775</u>	<u>170</u>	<u>Anhydrite, salt and shell</u>
<u>1775</u>	<u>1910</u>	<u>135</u>	<u>Salt and anhydrite</u>
<u>1910</u>	<u>2090</u>	<u>180</u>	<u>Salt and shell</u>
<u>2090</u>	<u>2210</u>	<u>120</u>	<u>Salt and anhydrite</u>
<u>2210</u>	<u>2320</u>	<u>110</u>	<u>Shell and salt</u>
<u>2320</u>	<u>2412</u>	<u>92</u>	<u>Anhydrite</u>
<u>2412</u>	<u>2445</u>	<u>33</u>	<u>Anhydrite and gyp</u>
<u>2445</u>	<u>2490</u>	<u>45</u>	<u>Anhydrite, salt</u>
<u>2490</u>	<u>2550</u>	<u>60</u>	<u>Anhydrite and grey lime</u>

(OVER)

FORMATION RECORD—Continued



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GEOLOGICAL SURVEY

UNITED STATES

PLEASE OR PERMIT TO PROSPECT
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U. S. LAND OFFICE

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FORMATION RECORD

Note - Have not taken 24 hour gauge due to shortage of tanks.

FORMATION RECORD-Continued

FORM 9-330