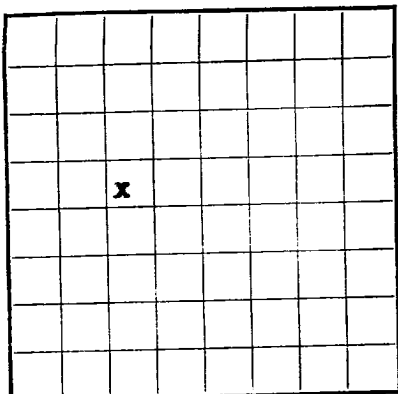


Form 9-330

U. S. LAND OFFICE

SERIAL NUMBER 10-050727

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

RECEIVED
JAN 9 1964
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Company Phillips Address Lawrence
Lessor or Tract Phillips - Federal Field Russell State Nebraska
Well No. 30 Sec. 13 T. 20S R. 28E Meridian N4E County Adair
Location 2030 ft. N of K Line and 130 ft. E of Line of Section 13 Elevation 3251
(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 [Signature] Title Driller
Date January 1, 1963

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

Commenced drilling 11-19, 1963 Finished drilling 12-1, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 150 to 309 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>20</u>	<u>3</u>	<u>150</u>	<u>100</u>	<u>150</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>
<u>6 5/8</u>	<u>20</u>	<u>3</u>	<u>125</u>	<u>100</u>	<u>125</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>
<u>5 1/2</u>	<u>16</u>	<u>3</u>	<u>655</u>	<u>100</u>	<u>655</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</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>150</u>	<u>25</u>	<u>pump</u>		
<u>6 5/8</u>	<u>781</u>	<u>60</u>	<u>pump</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>29-14</u>	<u> </u>	<u>nitro-glycerine</u>	<u>75 lbs</u>	<u>1-1-63</u>	<u>100</u>	<u> </u>

TOOLS USED

Rotary tools were used from 0 feet to 310 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

1-63, 1963 Put to producing 1-1, 1963
The production for the first 24 hours was 35 barrels of fluid of which 30 % was oil; %
emulsion; 70 % 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

F. A. Tutor, Driller , Driller
 , Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>128</u>	<u>128</u>	<u>red bed & sand</u>
<u>128</u>	<u>150</u>	<u>22</u>	<u>red bed</u>
<u>150</u>	<u>292</u>	<u>292</u>	<u>red bed & typ</u>
<u>292</u>	<u>317</u>	<u>117</u>	<u>salt</u>
<u>317</u>	<u>339</u>	<u>11</u>	<u>anhydrite</u>
<u>339</u>	<u>353</u>	<u>14</u>	<u>anhydrite & lime</u>
<u>353</u>	<u>445</u>	<u>107</u>	<u>lime</u>
<u>445</u>	<u>752</u>	<u>58</u>	<u>lime & sand</u>
<u>752</u>	<u>810 TD</u>	<u>58</u>	<u> </u>
			<u>7/salt 442'</u>
			<u>T/Yates 751'</u>

AT THE END OF COMPLETE DRILLERS
LOG, ADD GEOLOGIC TOPS, STATE
WHETHER FROM BL OR CHANGERS.

