Spud Date: March 07, 2019
Drilling Finished Date: March 11, 2019
1st Prod Date:
Completion Date: March 12, 2019

Drill Type: STRAIGHT HOLE

```
\begin{tabular}{lll} 
Well Name: MENGES 1-24 & Purchaser/Measurer: \\
Location: & GARVIN 24 4N 2E & First Sales Date: \\
& E2 NW NE NW & \\
& 330 FNL 1845 FWL of 1/4 SEC & \\
& Derrick Elevation: 1081 Ground Elevation: 1069 & \\
Operator: & B B R OIL CORPORATION 2902 & \\
& 10 W MAIN ST STE 212 & \\
& ARDMORE, OK 73401-6515 &
\end{tabular}
```

| Completion Type | Location Exception | Increased Density |
| :---: | :---: | :---: |
| Single Zone | Order No | Order No |
| Multiple Zone | There are no Location Exception records to display. | There are no Increased Density records to display. |


| Casing and Cement |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Type | Size | Weight | Grade | Feet | PSI | SAX | Top of CMT |
| SURFACE | $85 / 8$ | 24 | $\mathrm{~J}-55$ | 302 | 500 | 225 | SURFACE |


| Liner |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Type | Size | Weight | Grade | Length | PSI | SAX | Top Depth | Bottom Depth |
| There are no Liner records to display. |  |  |  |  |  |  |  |  |

Total Depth: 3210

| Packer |  |
| :---: | :---: |
| Depth | Brand \& Type |
| There are no Packer records to display. |  |


| Plug |  |
| :---: | :---: |
| Depth | Plug Type |
| 400 | CEMENT |
| 3100 | CEMENT |


| Initial Test Data |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Test Date | Formation | Oil <br> BBL/Day | Oil-Gravity <br> (API) | Gas <br> MCF/Day | Gas-Oil Ratio <br> Cu FT/BRL | Water <br> BBL/Day | Pumpin or <br> Flowing | Initial Shut- <br> In <br> Pressure | Choke <br> Size | Flow Tubing <br> Pressure |


| Formation | Top |
| :--- | ---: |
| HOGSHOOTER | 2626 |
| MCKINNEY LIME / SAND | 2688 |
| BURNS SAND | 2733 |
| UPPER DYKEMAN | 2812 |
| DYKEMAN SHALE | 2848 |
| LOWER DYKEMAN | 2874 |
| BASE PENN / UNCONFORMITY | 2909 |
| 2ND BROMIDE | 3141 |

Were open hole logs run? Yes
Date last log run: March 11, 2019

Were unusual drilling circumstances encountered? No Explanation:

## Other Remarks

There are no Other Remarks.

## FOR COMMISSION USE ONLY

| API | 049 | 25267 |
| :--- | :--- | :--- |
| NO. | 04 |  |
| OTC PROD. |  |  |
| UNIT NO. |  |  |

## (PLEASE TYPE OR USE BLACK INK ONLY)

UNIT NO.
${ }^{\wedge}$ ORIGINAL
TYPE OF DRILLING OPERATION
TYPE OF DRILLING OPERATION

| X STRAIGHT HOLE |
| :--- |
| $\square$ SERVICE WELL |
| If directional or horizontal, see reverse for bottom hole location. |

If directional or horizontal, see reverse for bottom hole location.


| COMPLETION TYPE |
| :--- |
|  SINGLE ZONE  <br>  MULTIPLE ZONE  <br>  Application Date  <br>  COMMINGLED  <br> Application Date   <br> LOCATION EXCEPTION   <br> ORDER NO.   <br> INCREASED DENSITY   <br> ORDER NO.   |


| TYPE | SIZE | WEIGHT | GRADE | FEET | PSI | SAX | TOP OF CMT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CONDUCTOR |  |  |  |  |  |  |  |
| SURFACE | 8-5/8 | 24\# | $J 55$ | 302.6 KB | 500 | 225 | surface |
| INTERMEDIATE |  |  |  |  |  |  |  |
| PRODUCTION |  |  |  |  |  |  |  |
| LINER |  |  |  |  |  |  |  |
| $\begin{array}{r} \text { PLUG @ } 3100 \\ \text { PLUG@ } 400 \end{array}$ | $\qquad$ TYPE TYPE | cem | PLUG @ PLUG @ | TYPE |  | TOTAL DEPTH | 3210 |

PACKER @ $\qquad$ BRAND \& TYPE
$\qquad$ $-\mathrm{PL}$



FORMATION RECORD
Give formation names and tops, if available, or descriptions and thickness of formations

| arilled through. Show intevalis cored or orilistem tested. | Top |
| :--- | :---: |
| NAMES OF ForMATions | 2626 |
| Hogshooter | 2688 |
| MCKinney Lm/sd | 2733 |
| Burns Sd | 2812 |
| Uper Dy keman | 2848 |
| Dy keman Shale | 2874 |
| Lwr Dy keman | 2909 |
| Base Penn/Unconformity | 3141 |
| 2nd Bromide | 3210 |
| TD |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |




| Other remarks: |
| :--- |
|  |
|  |
|  |
|  |



If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth.
Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

Directional surveys are required for all drainholes and directional wells.


BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE


BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)


