Spud Date: October 11, 2018
Drilling Finished Date: October 25, 2018
1st Prod Date: December 24, 2018
Completion Date: November 10, 2018

Drill Type: HORIZONTAL HOLE

```
Well Name: TERMINUS 2109 3-10MH Purchaser/Measurer:
Location: MAJOR 10 21N 9W First Sales Date:
    SW SW SE SW
    250 FSL 1560 FWL of 1/4 SEC
    Latitude: 36.304497 Longitude: -98.152587
    Derrick Elevation: 1325 Ground Elevation: }130
Operator: OKLAHOMA ENERGY ACQUISITIONS LP }2350
    15021 KATY FREEWAY STE 400
    HOUSTON, TX 77094-1900
```



| Casing and Cement |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Type | Size | Weight | Grade | Feet | PSI | SAX | Top of CMT |  |
| CONDUCTOR | $16 "$ |  | X42 | 125 |  |  | SURFACE |  |
| SURFACE | $95 / 8 "$ | $36 \#$ | $J 55$ | 438 |  | 465 | SURFACE |  |
| PRODUCTION | $7 "$ | $29 \#$ | P110 | 7592 |  | 280 | 4665 |  |


| Liner |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Type | Size | Weight | Grade | Length | PSI | SAX | Top Depth | Bottom Depth |  |
| LINER | $41 / 2^{\prime \prime}$ | $13.5 \#$ | P110 | 4835 | 0 | 0 | 7431 | 12266 |  |

Total Depth: 12268

| Packer |  |  |
| :---: | :---: | :---: |
| Depth | Brand \& Type |  |
| 0 | NO PACKER |  |
| 0 | Depth |  |
| There are no Plug records to display. |  |  |


| Test Date | Formation | $\begin{gathered} \text { Oil } \\ \text { BBL/Day } \end{gathered}$ | Oil-Gravity <br> (API) | $\begin{gathered} \text { Gas } \\ \text { MCF/Day } \end{gathered}$ | Gas-Oil Ratio Cu FT/BBL | Water BBL/Day | Pumpin or Flowing | Initial Shut- <br> In Pressure | Choke Size | Flow Tubing Pressure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Jan 22, 2019 | MISSISSIPPIAN | 639 | 39 | 2135 | 3341 | 2754 | ESP |  | OPEN | 343 |

Completion and Test Data by Producing Formation

| Formation Name: MISSISSIPPIAN |  |
| :---: | :---: |
| Spacing Orders |  |
| Order No | Unit Size |
| 651561 | 640 |

Code: 359MSSP Class: OIL


| Acid Volumes |
| :---: |
| 950 BBLS $15 \% \mathrm{HCL}$ |


| Fracture Treatments |
| :---: |
| 288,690 BBLS SLICKWATER |
| $6,374,940 \#$ SAND PROPPANT |


| Formation | Top |
| :--- | ---: |
| COTTAGE GROVE | 5842 |
| CHECKERBOARD | 6261 |
| BIG LIME | 6373 |
| OSWEGO | 6486 |
| VERDIGRIS | 6626 |
| PINK LIME | 6721 |
| MISSISSIPPIAN | 7112 |

Were open hole logs run? No
Date last log run:
Were unusual drilling circumstances encountered? No Explanation:

## Other Remarks

THIS IS AN OPEN HOLE COMPLETION FROM THE BOTTOM OF THE 7" CASING @ 7592' TO TERMINUS @ 12268'. THE 4 1/2" LINER IS NOT CEMENTED.

## Lateral Holes

Sec: 10 TWP: 21N RGE: 9W County: MAJOR
NE NW NE NW
172 FNL 1862 FWL of $1 / 4$ SEC
Depth of Deviation: 6860 Radius of Turn: 784 Direction: 360 Total Length: 4177
Measured Total Depth: 12268 True Vertical Depth: 7378 End Pt. Location From Release, Unit or Property Line: 172

## FOR COMMISSION USE ONLY

Status: Accepted

