## OTC Prod. Unit No.:

Drilling Finished Date: September 07, 2013
1st Prod Date: October 02, 2013
Completion Date: October 02, 2013

Drill Type: HORIZONTAL HOLE

| Well Name: OWL $1 \mathrm{MH}-1$ | Purchaser/Measurer: PVR |  |
| :--- | :--- | :--- |
| Location: | NOBLE $12 \quad 21 \mathrm{~N} 1 \mathrm{~W}$ | First Sales Date: $10 / 19 / 2013$ |
|  | NE NW NW NE |  |
|  | 200 FNL 2080 FEL of $1 / 4$ SEC |  |
|  | Derrick Elevation: 977 Ground Elevation: 960 |  |
| Operator: | CHAPARRAL ENERGY LLC 16896 |  |
|  | 701 CEDAR LAKE BLVD |  |
|  | OKLAHOMA CITY, OK $73114-7800$ |  |


| Completion Type | Location Exception Increased Density <br> $X$ Single Zone <br>  Multiple Zone <br>  Order No <br>  619888 |
| :--- | :--- |



Total Depth: 9639

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


| Plug |  |
| :---: | :---: |
| Depth | Plug Type |
| There are no Plug records to display. |  |


| Initial Test Data |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Test Date | Formation | $\begin{gathered} \text { Oil } \\ \text { BBL/Day } \end{gathered}$ | Oil-Gravity (API) | Gas MCF/Day | Gas-Oil Ratio Cu FT/BBL | Water BBL/Day | Pumpin or Flowing | Initial ShutIn Pressure | Choke Size | Flow Tubing Pressure |
| Oct 27, 2013 | MISSISSIPPIAN | 87 | 41 | 106 | 1218 | 2538 | PUMPING |  |  | 90 |
| Completion and Test Data by Producing Formation |  |  |  |  |  |  |  |  |  |  |
| Formation Name: MISSISSIPPIAN |  |  | Code: 359MSSP |  |  | Class: OIL |  |  |  |  |
| Spacing Orders |  |  |  | Perforated Intervals |  |  |  |  |  |  |
| Ord |  | Unit Size |  | From |  | To |  |  |  |  |
| 613 |  | 640 |  | There are no Perf. Intervals records to display. |  |  |  |  |  |  |
| Acid Volumes |  |  |  | Fracture Treatments |  |  |  |  |  |  |
| 97,650 GAL 15\% HCL |  |  |  | 43,106 BBL TFW; 983020 IBS 30/50 |  |  |  |  |  |  |


| Formation | Top |
| :--- | :--- |

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 (NON-CEMENTED LINER) FROM 4684-9639 (TERMINUS). IRREGULAR SECTION.
4 1/2 LINER: TOP DEPTH IS 4546', BOTTOM DEPTH IS 5061', LENGTH IS 515'.

## Lateral Holes

Sec: 1 TWP: 21N RGE: 1W County: NOBLE
NW NE NW NE
216 FNL 1948 FEL of $1 / 4$ SEC
Depth of Deviation: 4682 Radius of Turn: 710 Direction: 5 Total Length: 4921
Measured Total Depth: 9639 True Vertical Depth: 4724 End Pt. Location From Release, Unit or Property Line: 216

FOR COMMISSION USE ONLY

Status: Accepted

