Spud Date: March 19, 2013
Drilling Finished Date: April 18, 2013
1st Prod Date: April 14, 2013
Completion Date: May 20, 2013

Drill Type: HORIZONTAL HOLE

Well Name: LAMASTER 2H-23

Location: BEAVER 26 1N 20E CM
NE NE NE NW
300 FNL 2635 FWL of 1/4 SEC
Derrick Elevation: 0 Ground Elevation: 2879

Operator: CHAPARRAL ENERGY LLC 16896

701 CEDAR LAKE BLVD
OKLAHOMA CITY, OK 73114-7800

Min Gas Allowable: Yes
Purchaser/Measurer: P V R GASS PIPELINE LLC

First Sales Date: 05/15/2013

| Completion Type |  |
| :--- | :--- |
| $X$ | Single Zone |
|  | Multiple Zone |
|  | Commingled |


| Location Exception |
| :---: |
| Order No |
| CD-2013016 |
| 610698 |


| Increased Density |
| :---: |
| Order No |
| 606751 |


| Casing and Cement |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Type | Size | Weight | Grade | Feet | PSI | SAX | Top of CMT |
| SURFACE | $9-5 / 8$ | 36 | J55 | 1498 |  | 570 | SURFACE |
| PRODUCTION | 7 | 26 | P-110 | 6542 |  | 320 | 1300 |


| Liner |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Type | Size | Weight | Grade | Length | PSI | SAX | Top Depth | Bottom Depth |  |  |
| LINER | $41 / 2$ | 11.6 | P-110 | 5158 | 0 | 0 | 6322 | 11480 |  |  |

Total Depth: 11484

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


| Plug |  |
| :---: | :---: |
| Depth | Plug Type |
| 2931 | WHIPSTOCK CEMENT PLUG |


| Initial Test Data |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Initial Shut- } \\ \text { In } \\ \text { Pressure } \end{array} \\ \hline \end{array}$ | Choke Size | Flow Tubing Pressure |
| May 20, 2013 | MARMATON | 393 | 42 | 162 | 412 | 1440 | PUMPING | 2036 | OPEN |  |
| Completion and Test Data by Producing Formation |  |  |  |  |  |  |  |  |  |  |
| Formation Name: MARMATON |  |  | Code: 404MRMN |  |  |  | Class: OIL |  |  |  |
| Spacing Orders |  |  | Perforated Intervals |  |  |  |  |  |  |  |
| Orde |  | Unit Size | From |  |  | To |  |  |  |  |
| 596954 |  | 640 | There are no Perf. Intervals records to display. |  |  |  |  |  |  |  |
| Acid Volumes |  |  | Fracture Treatments |  |  |  |  |  |  |  |
| There are no Acid Volume records to display. |  |  | 2,087,589 GAL 2\% KCL SLICK WTR, 785,380\# 40/70 PROPELLANT |  |  |  |  |  |  |  |


| Formation | Top |
| :--- | :--- |
| MARMATON | 6542 |

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

## Other Remarks

NOTE: THIS WELL IS AN OPEN HOLE COMPLETION FROM THE BOTTOM OF THE 7" CASING AT 6542 TO THE TERMINUS AT 11484'. THE 4-1/2 LINER IS PERFERATED FROM 6542' TO 11480' BUT THE LINER IS NOT CEMENTED. IRREGULAR SECTION.
OCC: FLE ORDER HAS NOT BEEN ISSUED. WE HAVE ACCEPTED OPERATORS DATA AS SUBMITTED.

| Sec: 23 TWP: 1N RGE: 20E County: BEAVER Meridian: CM |
| :--- | :--- |
| E2 NW NE NE |
| 330 FNL 710 FEL of $1 / 4$ SEC |
| Depth of Deviation: 5790 Radius of Turn: 1020 Direction: 359 Total Length: 4674 |
| Measured Total Depth: 11484 True Vertical Depth: 6291 End Pt. Location From Release, Unit or Property Line: 330 |

FOR COMMISSION USE ONLY

Status: Accepted

