# Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000

Rule 165: 10-3-25

OTC Prod. Unit No.: 003-218158 Drilling Finished Date: April 16, 2015

1st Prod Date: November 30, 2016

Amended

Completion Date: November 14, 2016

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: RICE TRUST 14-27-12 1H

Purchaser/Measurer: CHESAPEAKE OPERATING

LLC

Location: ALFALFA 23 27N 12W First Sales Date: 11/30/2016

N2 N2 NW NW 185 FNL 660 FWL of 1/4 SEC

Derrick Elevation: 1254 Ground Elevation: 1233

Demok Elevation. 1204 Ground Elevation. 1200

Operator: CHESAPEAKE OPERATING LLC 17441

PO BOX 18496

Amend Reason: SHOW COMPLETION

6100 N WESTERN AVE

**OKLAHOMA CITY, OK 73154-0496** 

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

| Location Exception |
|--------------------|
| Order No           |
| 636876             |

| Increased Density |
|-------------------|
| Order No          |
| 636875            |

| Casing and Cement                            |        |    |         |      |  |     |         |  |  |  |
|--|--------|----|---------|------|--|-----|---------|--|--|--|
| Type Size Weight Grade Feet PSI SAX Top of C |        |    |         |      |  |     |         |  |  |  |
| SURFACE                                      | 13 3/8 | 48 | J-55    | 401  |  | 282 | SURFACE |  |  |  |
| INTERMEDIATE                                 | 9 5/8  | 36 | J-55    | 1202 |  | 353 | SURFACE |  |  |  |
| PRODUCTION                                   | 7      | 26 | P-110EC | 5725 |  | 298 | 3778    |  |  |  |

|   | Liner |      |         |      |   |     |      |       |  |  |
|---|-------|------|---------|------|---|-----|------|-------|--|--|
| Type Size Weight Grade Length PSI SAX Top Depth Bottom De |       |      |         |      |   |     |      |       |  |  |
| LINER   | 4 1/2 | 11.6 | P-110EC | 5024 | 0 | 585 | 5491 | 10515 |  |  |

Total Depth: 10515

| Packer |              |  |  |  |  |  |  |
|--------|--------------|--|--|--|--|--|--|
| Depth  | Brand & Type |  |  |  |  |  |  |
| 5401   | AS-3         |  |  |  |  |  |  |

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

Initial Test Data

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| Test Date    | Formation     | Oil<br>BBL/Day | Oil-Gravity<br>(API) | Gas<br>MCF/Day | Gas-Oil Ratio<br>Cu FT/BBL | Water<br>BBL/Day | Pumpin or<br>Flowing | Initial Shut-<br>In<br>Pressure | Choke<br>Size | Flow Tubing<br>Pressure |
|--------------|---------------|----------------|----------------------|----------------|----------------------------|------------------|----------------------|---------------------------------|---------------|-------------------------|
| Dec 14, 2016 | MISSISSIPPIAN | 62             |                      | 305            | 4919                       | 385              | ARTIFICIA            |                                 |               | 76                      |

#### **Completion and Test Data by Producing Formation**

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: OIL

| Spacing Orders |           |  |  |  |  |  |  |
|----------------|-----------|--|--|--|--|--|--|
| Order No       | Unit Size |  |  |  |  |  |  |
| 594830         | 640       |  |  |  |  |  |  |

| Perforated Intervals |       |  |  |  |  |  |  |
|----------------------|-------|--|--|--|--|--|--|
| From To              |       |  |  |  |  |  |  |
| 5569                 | 10380 |  |  |  |  |  |  |

Acid Volumes
10,000 GALLONS HCL ACID

Fracture Treatments
43,595 BARRELS FRAC FLUID, 218,360 POUNDS PROPPANT

| Formation     | Тор  |
|---------------|------|
| MISSISSIPPIAN | 5429 |

Were open hole logs run? No Date last log run:

Were unusual drilling circumstances encountered? No Explanation:

#### Other Remarks

OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED THE FINAL LOCATION EXCEPTION HAS NOT BEEN ISSUED.

#### **Lateral Holes**

Sec: 14 TWP: 27N RGE: 12W County: ALFALFA

NW NE NW NW

181 FNL 754 FWL of 1/4 SEC

Depth of Deviation: 5160 Radius of Turn: 221 Direction: 357 Total Length: 5086

Measured Total Depth: 10515 True Vertical Depth: 5381 End Pt. Location From Release, Unit or Property Line: 181

#### FOR COMMISSION USE ONLY

1135607

Status: Accepted

January 27, 2017 2 of 2

| API                                     | PLEASE TYPE OR USE BLACK INK O           | DNLY                               | 0                       | KI AHOMA I        | COPPORA                       | TION COMM                   | IISSION )    | VEC            |  | V 2 002               |
|---|--|------------------------------------|-------------------------|-------------------|-------------------------------|-----------------------------|--------------|----------------|--|-----------------------|
|   | Attach copy of original 1002A if recompl | etion or reentry.                  | Ŭ.                      | Oil &             | Gas Conserv<br>Post Office Bo | ration Division<br>ox 52000 |              | DE             | C <b>2 2</b> 2                                   | 016                   |
| ORIGINAL  X AMENDED  Reason Amended Sho | w Completion                             |                                    |                         |                   | Rule 165:10                   |                             | <u>.</u> .   | (LAHOM<br>CO   | A CORP   | ORATION               |
| TYPE OF DRILLING OPERATION              |  |                                    | SPUD                    |                   |                               | 2015                        |              | 00             | MINIOOK  | J14                   |
| STRAIGHT HOLE SERVICE WELL              | DIRECTIONAL HOLE X HORI                  | ZONTAL HOLE                        |                         | FINISHED          | ·                             |                             |              | 640            | Acres  | $\overline{}$         |
| If directional or horizontal, see rev   | erse for bottom hole location.           |                                    | DATE                    | FINISHED          | 4/16                          | /2015                       |              |                |  |                       |
| COUNTY ALFAL                            | FA SEC 23 TWP 27                         | N RGE 12W                          |                         | OF WELL<br>LETION | 11/14                         | 1/2016                      |              |                |  |                       |
| LEASE<br>NAME RICE T                    | RUST 14-27-12 WELI                       | - 1H                               |                         | ROD DATE          | 11/30                         | 0/2016                      |              |                |  |                       |
| SHL                                     | FNL FWL                                  |                                    |                         |                   | 1 1/30                        | 3/2010                      | <u> </u>     |                |  |                       |
| N2 1/4 N2 1/4 NW                        |  |                                    |                         | MP DATE           |                               |                             | w            |                |  | E                     |
| ELEVATION<br>Derrick FI 1,254 Gro       | und 1,233 Latitude (if Known)            |                                    | Longiti<br>(if Kno      |                   |                               |                             |              |                |  |                       |
| OPERATOR                                | PEAKE OPERATING, L.L.C                   | <u> </u>                           |                         | OPERATOR          | NO.                           | 17441                       |              |                |  |                       |
| ADDRESS P.O. BO                         | · · ·                                    |                                    |                         |                   |                               | ,.,                         |              |                |  |                       |
|   | OMA CITY                                 | STATE                              | ОК                      | ZIP               | 73                            | 154                         |              |                |  |                       |
| OKEATIC                                 |  | OTATE                              | <u>OK</u>               | 211               |                               | 134                         |              | LOCAT          | TE WELL  |                       |
| COMPLETION TYPE                         |  | CASING & CEM                       | ENT (Fori               | m 1002C mus       | t be attached                 | d)                          | •            | LOCAI          | E WELL   | •                     |
| X SINGLE ZONE                           |  | TYPE                               |                         | SIZE              | WEIGHT                        | GRADE                       | FEET         | PSI            | SAX  | TOP                   |
| MULTIPLE ZONE<br>Application Date       |  | CONDUCTOR                          |                         |                   |                               |                             |              |                |  |                       |
| COMMINGLED                              |  | SURFACE                            |                         | 13 3/8"           | 48#                           | J-55                        | 401          |                | 282  | SURFACE               |
| Application Date  LOCATION              | GOZG (INITEDIMA)                         |                                    |                         |                   |                               |                             |              |                | <del> </del>                                     |                       |
| EXCEPTION ORDER NO. OS                  | 6876 (INTERIM)                           | INTERMEDIAT                        |                         | 9 5/8"            | 36#                           | J-55                        | 1,202        |                | 353  | SURFACE               |
| ORDER NO.                               | 636875                                   | PRODUCTION                         | ı                       | 7"                | 26#                           | P-110EC                     | 5,725        |                | 298  | 3,778                 |
|   |  | LINER                              |                         | 4 1/2"            | 11.6#                         | P-110EC                     | 5,491-10,515 |                | 585  | 5,491                 |
| PACKER @ 5.401 BRAN                     | D&TYPE AS-3 P                            | LUG @                              | TYPE                    |                   | PLUG @                        |                             | TYPE         | TOTA           | AL DEPTH   | 10,515                |
| COMPLETION & TEST DATA B                | y producing formation 359 /              | 155P                               |                         |                   | ·                             |                             |              |                |  | - / -                 |
| FORMATION                               | Mississippian                            |                                    |                         |                   |                               |                             |              |                | Ker  | retedto               |
| SPACING & SPACING ORDER NUMBER          | 640<br>594830                            |                                    |                         |                   |                               |                             |              |                | Vin  | Focus                 |
| CLASS: Oil, Gas, Dry, Inj.              |  |                                    |                         |                   |                               |                             |              |                | 7 304  | ,1000                 |
| Disp, Comm Disp, Svc                    | Oil                                      | <u>.</u>                           |                         |                   |                               |                             |              |                |  |                       |
| PERFORATED                              |  |                                    |                         |                   | -                             |                             | -            |                |  |                       |
| INTERVALS                               | 5569 - 10,380                            |                                    |                         |                   |                               |                             |              |                |  |                       |
|   | HCL Acid                                 |                                    |                         |                   |                               |                             |              |                |  |                       |
| ACID/VOLUME                             | 10,000 Gals                              |                                    |                         |                   |                               |                             |              |                |  |                       |
| FRACTURE TREATMEMT                      | Frac Fluid<br>43,595 Bbls                |                                    |                         |                   |                               |                             |              |                |  |                       |
| (Fluids/Prop Amounts)                   | Proppant                                 |                                    |                         |                   |                               |                             |              |                |  |                       |
|   | 218,360 Lbs                              |                                    |                         |                   |                               |                             |              |                | 1 0  |                       |
|   | Minimum Gas Allowable                    | (165:10-1)                         | 7-7)                    |                   |                               | Purchaser/Mea               | asurer       | Chesap         | еаке Оре<br>11/30/2                              | rating, L.L.C.        |
| INITIAL TEST DATA                       | X OR Oil Allowable                       | (165:10-13-3)                      |                         |                   | 1st S                         | ales Date                   |              |                | 11/30/2  | 010                   |
| INITIAL TEST DATE                       | 12/14/2016                               | (100.10-10-0)                      |                         |                   |                               |                             | 1            |                | 1 .  |                       |
| QIL-BBL/DAY                             | 62                                       |                                    | <del></del>             |                   |                               |                             |              |                | <del>                                     </del> |                       |
| OIL-GRAVITY ( API)                      |  |                                    |                         |                   |                               | //////                      | 71111        | <del>-</del> - |  |                       |
| GAS-MCF/DAY                             | 305                                      | / <u>//</u>                        |                         |                   |                               | П                           | <u> </u>     |                |  |                       |
| GAS-OIL RATIO CU FT/BBL                 | 4,919                                    | <b>—</b> 7                         |                         | OII               | n M                           | STTE                        | :n 🏻         |                |  |                       |
| WATER-BBL/DAY                           | 385                                      | <u> </u>                           | 15                      | 20                | <b>DIM</b>                    |                             | :DK          | -              |  |                       |
| PUMPING OR FLOWING                      | Artificial Lift                          | <u></u>                            |                         |                   |                               | ,,,,,,                      | /i           |                |  |                       |
| INITIAL SHUT-IN PRESSURE                |  |                                    |                         |                   |                               |                             | /////        |                |  |                       |
| CHOKE SIZE                              |  |                                    | /////                   | <u> </u>          | //////                        | ///////                     | /////        |                |  |                       |
| FLOW TUBING PRESSURE                    | 76                                       |                                    |                         |                   |                               |                             |              |                |  |                       |
|   | through, and perlinent remarks are pres  |                                    |                         |                   |                               |                             |              |                |  | to make this          |
| report, which was prepared by me        | e or under my supervision and direction, | with the data and facts<br>Sara Ev | s stated he<br>erett, F |                   | e, correct, and<br>Analyst    | d complete to t             |              | edge and belie | ef.<br>405-                                      | 848-8000<br>NE NUMBER |
| SIGNATURE<br>P.O. BOX 18496             | OKLAHOMA CIT                             |                                    | K                       | 7315              | -                             |                             | sara.eve     | erett@         |  |                       |

## PLEASE TYPE OR USE BLACK INK ONLY FORMATION RECORD

| Give formation names and tops, if available, or ded<br>drilled through. Show intervals cored or drillstem t  | scriptions and thickness of formations tested. | LEASE NAME RICE TRI  | JST 14-27-12  | WELL NO. 1H                      |
|--|--|--|---|----------------------------------|
| NAMES OF FORMATIONS  | TOP  |  | FOR COMMISS   | SION USE ONLY                    |
| MISSISSIPPIAN  | 5,429  | ITD on file YES APPROVED DISA  | PPROVED  2) Reject C                                  | Codes                            |
|  |  | Were open hole logs run?  Date Last log was run  Was CO <sub>2</sub> encountered?  Was H <sub>2</sub> S encountered?  Were unusual drilling circum | yes X no  | at what depths?                  |
|  |  | If yes, briefly explain.   | istances encountered?                                 | yes _Xno                         |
| Other remarks:   |  | L  |   |                                  |
|  |  |  |   |                                  |
|  |  |  |   |                                  |
| 640 Acres  | BOTTOM HOLE LOCATION FOR DII                   |  |   |                                  |
|  | Spot Location 1/4 1/4                          | 1/4 1/4  | Feet From 1/4 Sec Lines<br>BHL From Lease, Unit, or P |                                  |
|  | BOTTOM HOLE LOCATION FOR HO                    | ORIZONTAL HOLE: (LATERA  | ALS)  |                                  |
|  | LATERAL #1 SEC TWP 27N RGE                     | 12W COUNTY   | AI  |                                  |
|  | Spot Location NW 1/4 NE 1/4                    | NW 1/4 NW 1/4  | Feet From 1/4 Sec Lines                               | FNL 181 FWL 754                  |
| Manage the second secon | Deviation 5,160                                | ius of Turn<br>221<br>e Vertical Depth   | Direction<br>357<br>BHL From Lease, Unit, or P        | Total Length 5,086 roperty Line: |
| If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.  | 10,515   | 5,381  |   | 181                              |
| Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the  | SEC TWP RGE                                    | COUNTY   |   |                                  |
| lease or spacing unit.   | Spot Location 1/4 1/4                          | 1/4 1/4  | Feet From 1/4 Sec Lines                               | FSL FWL                          |
| Directional surveys are required for all drainholes and directional wells. 640 Acres   | Depth of Rad Deviation                         | ius of Turn  | Direction<br>BHL From Lease, Unit, or P               | Total Length roperty Line:       |
|  |  |  |   |                                  |
|  | LATERAL #3 SEC   TWP   RGE                     | COUNTY   |   |                                  |
|  | Spot Location                                  |  |   |                                  |
|  | 1/4 1/4  | 1/4 1/4  |   | FSL FWL                          |
|  | Deviation                                      |  |   | Total Length                     |
|  | Measured Total Depth True                      | e Vertical Depth   | BHL From Lease, Unit, or P                            | roperty Line:                    |

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
6709 NORTH CLASSEN BLVD., OKIA. CITY, OKIA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS. ALFALFA County, Oklahoma
Section 23 Township 27N Range 12W I.M. ALFALFA 185'FNL-660'FWL -2618' 36.826271° N 98.467575° W X= 1863139.0 Y= 665134.0 36.826256' N 98.449685' W X= 1868375.4 Y= 665103.8 BOTTOM PERF 9961' MD BOTTOM HOLE (10515' MD) 181'FNL-754'FW 36'49'32.8" N 98'27'54.0" W 36.825771' N 98.465000' W X= 1863891.9 Y= 664948.4 36.818985° N 98.449669° W X= 1868368.0 Y= 662456.7 1H (As-Drill (14 Schwab 14-27-12 PENETRATION POINT (5429' MD) SEC 14 58'FSL-867'FWL 36.811884' N 98.46460' W X= 1863984.9 Y= 659892.1 1 mage TOP PERF 5404' MD GRID NAD-27 OK NORTH US Feet 36.811727 N 98.467562 W X= 1863117.3 Y≈ 659839.0 36.811721° N 98.458607° W X= 1865739.0 Y= 659824.3 185'FNL-660'FWL 1000 LWH Trust 23-27-12 1H (As-Drilled) (23) 36.804470 N 98.467653 W X= 1863078.0 36.804441° N 98.449655° W X= 1868347.4 Y= 657161.6

|   | ELEVATION:<br>1233' Gr. at Level Pad |
|---|--------------------------------------|
| Topography & Vegetation Loc. fell on existing pad LWH Trust 23-27-12 1H, we | llhead 30' South                     |
| Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None |                                      |
| Best Accessibility to Location From North off county rand                   | •                                    |
| Distance & Direction  |                                      |
| from Hwy Jct or Town From Ingersoll, Ok, go ±3.2 miles West on US. Hwy. 6   | 64, then                             |
| ±1 mile North, then ±1 mile West to the NW Cor. of Sec. 23-T27N-R12W        |                                      |

| 夏 DATUM:NAD-27             |
|----------------------------|
| ## LAT:                    |
|                            |
| 500 LAT:36.811217 N        |
| EONG: 98.465314' W         |
| ខ្ទុ≋ STATE PLANE          |
| E S COORDINATES: (US Feet) |
| 音音 ZONE: OK NORTH          |
| ลู้≘ X:1863774.6           |
| Y: 659650.3                |

269068 Date of Drawing: <u>Dec. 07, 2016</u>
Invoice # <u>239922</u> Date Staked: <u>Feb. 3, 2015</u>

### FINAL AS-DRILLED PLAT

AS-DRILLED INFORMATION FURNISHED BY CHESAPEAKE OPERATING, L.L.C.