

Oklahoma Corporation Commission  
Oil & Gas Conservation Division  
Post Office Box 52000  
Oklahoma City, Oklahoma 73152-2000  
Rule 165: 10-3-25

Form 1002A

API No.: 35003231600001

**Completion Report**

Spud Date: February 14, 2015

OTC Prod. Unit No.: 003-217635

Drilling Finished Date: April 09, 2015

**Amended**

1st Prod Date: July 01, 2016

Amend Reason: COMPLETED WELL

Completion Date: May 25, 2016

**Drill Type: HORIZONTAL HOLE**

Min Gas Allowable: Yes

Well Name: KRAUS 15-27-11 1H

Purchaser/Measurer: CHESAPEAKE OPERATING LLC

Location: ALFALFA 15 27N 11W  
SW SE SE SW  
159 FSL 2017 FWL of 1/4 SEC  
Derrick Elevation: 1208 Ground Elevation: 1186

First Sales Date: 07/01/2016

Operator: CHESAPEAKE OPERATING LLC 17441  
PO BOX 18496  
6100 N WESTERN AVE  
OKLAHOMA CITY, OK 73154-0496

| Completion Type |               | Location Exception |  | Increased Density |  |
|-----------------|---------------|--------------------|--|-------------------|--|
| X               | Single Zone   | Order No           |  | Order No          |  |
|                 | Multiple Zone | 627518             |  | 627517            |  |
|                 | Commingle     |                    |  |                   |  |

| Casing and Cement |        |        |         |      |     |     |            |
|-------------------|--------|--------|---------|------|-----|-----|------------|
| Type              | Size   | Weight | Grade   | Feet | PSI | SAX | Top of CMT |
| SURFACE           | 13 3/8 | 48     | J-55    | 322  |     | 200 | SURFACE    |
| INTERMEDIATE      | 9 5/8  | 36     | J-55    | 1200 |     | 320 | SURFACE    |
| PRODUCTION        | 7      | 26     | P-110EC | 5617 |     | 250 | 3071       |

| Liner |       |        |         |        |     |     |           |              |
|-------|-------|--------|---------|--------|-----|-----|-----------|--------------|
| Type  | Size  | Weight | Grade   | Length | PSI | SAX | Top Depth | Bottom Depth |
| LINER | 4 1/2 | 11.6   | P-110EC | 4785   | 0   | 570 | 5350      | 10135        |

**Total Depth: 10135**

| Packer |              |
|--------|--------------|
| Depth  | Brand & Type |
| 5283   | AS-3         |

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

| Initial Test Data |               |             |                   |             |                         |               |                   |                          |            |                      |
|-------------------|---------------|-------------|-------------------|-------------|-------------------------|---------------|-------------------|--------------------------|------------|----------------------|
| Test Date         | Formation     | Oil BBL/Day | Oil-Gravity (API) | Gas MCF/Day | Gas-Oil Ratio Cu FT/BBL | Water BBL/Day | Pumpin or Flowing | Initial Shut-In Pressure | Choke Size | Flow Tubing Pressure |
| Jul 17, 2016      | MISSISSIPPIAN | 590         |                   | 1250        | 2119                    | 1309          | ARTIFICIA         |                          |            | 92                   |

|  |  |                  |  |  |  |  |            |  |  |  |
|--|--|------------------|--|--|--|--|------------|--|--|--|
| <b>Completion and Test Data by Producing Formation</b> |  |                  |  |  |  |  |            |  |  |  |
| Formation Name: MISSISSIPPIAN                          |  |                  |  | Code: 359MSSP                                      |  |  | Class: OIL |  |  |  |
| <b>Spacing Orders</b>                                  |  |                  |  | <b>Perforated Intervals</b>                        |  |  |            |  |  |  |
| <b>Order No</b>  |  | <b>Unit Size</b> |  | <b>From</b>  |  |  | <b>To</b>  |  |  |  |
| 615328   |  | 640              |  | 5650   |  |  | 9995       |  |  |  |
| <b>Acid Volumes</b>                                    |  |                  |  | <b>Fracture Treatments</b>                         |  |  |            |  |  |  |
| 8,086 GALLONS HCL ACID                                 |  |                  |  | 39,505 BARRELS FRAC FLUID, 194,144 POUNDS PROPPANT |  |  |            |  |  |  |

| Formation     | Top  |
|---------------|------|
| MISSISSIPPIAN | 5355 |

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

|  |
|--|
| <b>Other Remarks</b>   |
| OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED THE FINAL LOCATION EXCEPTION HAS NOT BEEN SUBMITTED. |

|  |
|--|
| <b>Lateral Holes</b>   |
| Sec: 15 TWP: 27N RGE: 11W County: ALFALFA<br><br>NE NE NW NW<br><br>188 FNL 1309 FWL of 1/4 SEC<br><br>Depth of Deviation: 4902 Radius of Turn: 345 Direction: 2 Total Length: 4780<br><br>Measured Total Depth: 10135 True Vertical Depth: 5265 End Pt. Location From Release, Unit or Property Line: 188 |

|                                |         |
|--------------------------------|---------|
| <b>FOR COMMISSION USE ONLY</b> |         |
| Status: Accepted               | 1134004 |

API NO. 35-003-23160  
OTC PROD.  
UNIT NO. 003-217635

PLEASE TYPE OR USE BLACK INK ONLY

NOTE:

Attach copy of original 1002A if recompletion or reentry.

OKLAHOMA CORPORATION COMMISSION

Oil & Gas Conservation Division

Post Office Box 52000

Oklahoma City, Oklahoma 73152-2000

Rule 165:10-3-25

RECEIVED  
JUL 21 2016

OKLAHOMA CORPORATION  
COMMISSION

☐ ORIGINAL  
☒ AMENDED

Reason Amended

*Completed Well*  
*Reclassify well as producing*

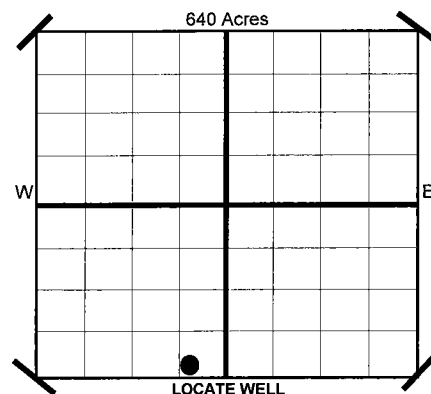
TYPE OF DRILLING OPERATION

☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE  
☐ SERVICE WELL

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

COMPLETION REPORT

|               |                              |        |        |                      |       |         |       |
|---------------|------------------------------|--------|--------|----------------------|-------|---------|-------|
| COUNTY        | ALFALFA                      | SEC    | 15     | TWP                  | 27N   | RGE     | 11W   |
| LEASE NAME    | KRAUS 15-27-11               |        |        | WELL NO              | 1H    |         |       |
| SHL           | SW 1/4                       | SE 1/4 | SE 1/4 | SW 1/4               | 159   | 1/4 SEC | 2,017 |
| ELEVATION     | 1,208                        |        |        | Ground               | 1,186 |         |       |
| Derrick Fl    | 1,208                        |        |        | Ground               | 1,186 |         |       |
| OPERATOR NAME | CHESAPEAKE OPERATING, L.L.C. |        |        | OTC/OCC OPERATOR NO. | 17441 |         |       |
| ADDRESS       | P.O. BOX 18496               |        |        |                      |       |         |       |
| CITY          | OKLAHOMA CITY                |        |        | STATE                | OK    |         | ZIP   |
|               |                              |        |        |                      |       |         | 73154 |



COMPLETION TYPE

|                                     |                  |
|-------------------------------------|------------------|
| <input checked="" type="checkbox"/> | SINGLE ZONE      |
| <input type="checkbox"/>            | MULTIPLE ZONE    |
| <input type="checkbox"/>            | Application Date |
| <input type="checkbox"/>            | COMMINGLED       |
| <input type="checkbox"/>            | Application Date |
| LOCATION                            | 627518 (INTERIM) |
| EXCEPTION ORDER NO.                 |                  |
| INCREASED DENSITY                   | 627517           |
| ORDER NO.                           |                  |

CASING & CEMENT (Form 1002C must be attached)

| TYPE         | SIZE    | WEIGHT | GRADE   | FEET         | PSI    | SAX | TOP     |
|--------------|---------|--------|---------|--------------|--------|-----|---------|
| CONDUCTOR    |         |        |         |              |        |     |         |
| SURFACE      | 13 3/8" | 48#    | J-55    | 322          |        | 200 | SURFACE |
| INTERMEDIATE | 9 5/8"  | 36#    | J-55    | 1,200        |        | 320 | SURFACE |
| PRODUCTION   | 7"      | 26#    | P-110EC | 5,617        |        | 250 | 3,071   |
| LINER        | 4 1/2"  | 11.6#  | P-110EC | 5,350-10,135 |        | 570 | 5,349   |
|              |         |        |         | TOTAL DEPTH  | 10,135 |     |         |

PACKER @ 5.283 BRAND & TYPE AS-3  
PACKER @ BRAND & TYPE

PLUG @ TYPE PLUG @ TYPE  
PLUG @ TYPE PLUG @ TYPE

COMPLETION & TEST DATA BY PRODUCING FORMATION

|  |  |
|--|--|
| FORMATION                                | MISSISSIPPIAN  |
| SPACING & SPACING                        | 640  |
| ORDER NUMBER                             | 615328   |
| CLASS: Oil, Gas, Dry, Inj.               | OIL  |
| Disp, Comm Disp, Svc                     |  |
| PERFORATED INTERVALS                     | 5,650-9,995  |
| ACID/VOLUME                              | HCL Acid<br>8086 GALS<br>Frac Fluid<br>39,505 BLS<br>Proppant<br>194,144 LBS |
| FRACTURE TREATMENT (Fluids/Prop Amounts) |  |

**AS SUBMITTED**

*Reported to Frac Focus*

Minimum Gas Allowable

(165:10-17-7)

Gas Purchaser/Measurer

Chesapeake Operating, L.L.C.

☒

OR

1st Sales Date

7/1/2016

INITIAL TEST DATA

Oil Allowable

(165:10-13-3)

|                          |                 |
|--------------------------|-----------------|
| INITIAL TEST DATE        | 7/17/2016       |
| OIL-BBL/DAY              | 590             |
| OIL-GRAVITY ( API)       |                 |
| GAS-MCF/DAY              | 1,250           |
| GAS-OIL RATIO CU FT/BBL  | 2,119           |
| WATER-BBL/DAY            | 1309            |
| PUMPING OR FLOWING       | ARTIFICIAL LIFT |
| INITIAL SHUT-IN PRESSURE |                 |
| CHOKE SIZE               |                 |
| FLOW TUBING PRESSURE     | 92              |

A record of the formations drilled through, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.

|                |                                   |       |           |               |                   |
|----------------|-----------------------------------|-------|-----------|---------------|-------------------|
| SIGNATURE      | JP Powell, Sr. Regulatory Analyst | DATE  | 7/19/2016 | PHONE NUMBER  | 405-848-8000      |
| P.O. BOX 18496 | OKLAHOMA CITY                     | OK    | 73154     | EMAIL ADDRESS | jp.powell@chk.com |
| ADDRESS        | CITY                              | STATE | ZIP       |               |                   |

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

WELL NO. 1H

|                                      |              |
|--------------------------------------|--------------|
| NAMES OF FORMATIONS<br>MISSISSIPPIAN | TOP<br>5,355 |
|                                      |              |

| FOR COMMISSION USE ONLY |  |
|-------------------------|--|
| ITD on file             | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| APPROVED                | DISAPPROVED  |
| 2) Reject Codes         |  |
|                         |  |
|                         |  |
|                         |  |
|                         |  |
|                         |  |

|  |                               |          |                    |
|--|-------------------------------|----------|--------------------|
| Were open hole logs run?                         | yes                           | <u>X</u> | no                 |
| Date Last log was run                            | N/A                           |          |                    |
| Was CO <sub>2</sub> encountered?                 | yes                           | <u>X</u> | no at what depths? |
| Was H <sub>2</sub> S encountered?                | yes                           | <u>X</u> | no at what depths? |
| Were unusual drilling circumstances encountered? | <u>      </u> yes <u>X</u> no |          |                    |
| If yes, briefly explain.                         |                               |          |                    |

Other remarks:

640 Acres

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.**

|   |                     |                         |        |
|---|---------------------|-------------------------|--------|
| SEC                                     | TWP                 | RGE                     | COUNTY |
| Spot Location                           | 1/4                 | 1/4                     | 1/4    |
| Measured Total Depth                    | True Vertical Depth | Feet From 1/4 Sec Lines | FSL    |
|   |                     | FWL                     |        |
| BHL From Lease, Unit, or Property Line: |                     |                         |        |

| LATERAL #1           |    |        |     |                     |     |   |  |              |       |
|----------------------|----|--------|-----|---------------------|-----|---|--|--------------|-------|
| SEC                  | 15 | TWP    | 27N | RGE                 | 11W | COUNTY                                  |  |              |       |
|                      |    |        |     |                     |     | ALFALFA                                 |  |              |       |
| Spot Location        |    | NE 1/4 |     | NE 1/4              |     | NW 1/4                                  |  | NW 1/4       |       |
|                      |    |        |     |                     |     | Feet From 1/4 Sec Lines                 |  | FNL          | 188   |
|                      |    |        |     |                     |     |   |  | FWL          | 1,309 |
| Depth of Deviation   |    | 4,902  |     | Radius of Turn      |     | 345                                     |  | Direction    |       |
|                      |    |        |     |                     |     |   |  | Total Length |       |
|                      |    |        |     |                     |     |   |  | 4,780        |       |
| Measured Total Depth |    |        |     | True Vertical Depth |     | BHL From Lease, Unit, or Property Line: |  |              |       |
| 10.135               |    |        |     | 5.265               |     | 188                                     |  |              |       |

|                      |     |                     |   |                         |     |     |
|----------------------|-----|---------------------|---|-------------------------|-----|-----|
| SEC                  | TWP | RGE                 | COUNTY                                  |                         |     |     |
| Spot Location        |     |                     |   | Feet From 1/4 Sec Lines | FSL | FWL |
| 1/4                  | 1/4 | 1/4                 | 1/4                                     |                         |     |     |
| Depth of Deviation   |     | Radius of Turn      | Direction                               | Total Length            |     |     |
| Measured Total Depth |     | True Vertical Depth | BHL From Lease, Unit, or Property Line: |                         |     |     |

|                      |     |                     |        |   |     |                         |     |     |
|----------------------|-----|---------------------|--------|---|-----|-------------------------|-----|-----|
| SEC                  | TWP | RGE                 | COUNTY |   |     |                         |     |     |
| Spot Location        |     | 1/4                 | 1/4    | 1/4                                     | 1/4 | Feet From 1/4 Sec Lines | FSL | FWL |
| Depth of Deviation   |     | Radius of Turn      |        | Direction                               |     | Total Length            |     |     |
| Measured Total Depth |     | True Vertical Depth |        | BHL From Lease, Unit, or Property Line: |     |                         |     |     |

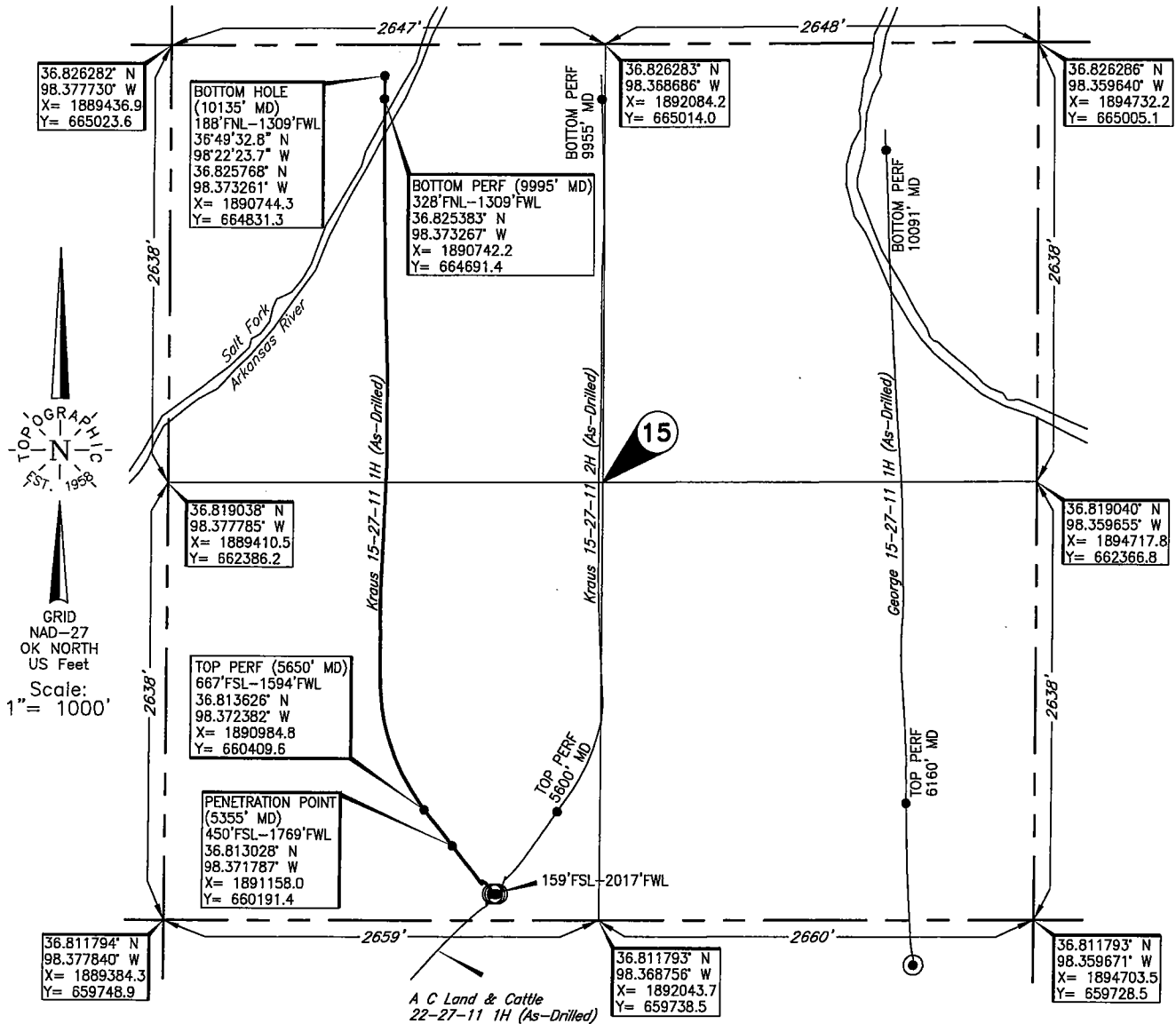
# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
Certificate of Authorization No. 1293 L.S.

ALFALFA

County, Oklahoma

159'FSL-2017'FWL Section 15 Township 27N Range 11W I.M.



Operator: CHESAPEAKE OPERATING, L.L.C.

Lease Name: KRAUS 15-27-11

Well No.: 1H

ELEVATION:

1186' Gr. at Level Pad

Topography & Vegetation Loc. fell on level pad, ±127' North of power poles, ±129' South of pipeline

Good Drill Site? Yes Reference Stakes or Alternate Location  
Stakes Set None

Best Accessibility to Location From South off county road

Distance & Direction

from Hwy Jct or Town From the Jct. of Hwy. 8 N-S & Hwy. 11 East at Cherokee, Ok, go ±1 mile

North on Hwy. 9, then ±1 mile West to the SW Cor. of Sec. 15-T27N-R11W

DATUM: NAD-27  
LAT: 36°48'44.0"N  
LONG: 98°22'15.4"W  
LAT: 36.812231° N  
LONG: 98.370948° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 1891402.5  
Y: 659900.1

261506 Date of Drawing: June 07, 2016  
Invoice # 235007 Date Staked: Nov. 18, 2014 JP

## FINAL AS-DRILLED PLAT

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