

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.: 35003219310004

Completion Report

Spud Date: January 25, 2009

OTC Prod. Unit No.:

Drilling Finished Date: February 22, 2009

Amended

1st Prod Date:

Amend Reason: RECOMPLETION

Completion Date: February 22, 2009

Recomplete Date: March 12, 2016

Drill Type: DIRECTIONAL HOLE

SERVICE WELL

Well Name: DUTCH HARBOR SWD 1-14

Purchaser/Measurer:

Location: ALFALFA 14 25N 12W
SE SE SE SE
221 FSL 273 FEL of 1/4 SEC
Derrick Elevation: 1364 Ground Elevation: 1348

First Sales Date:

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

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

| Location Exception |
|---|
| Order No |
| There are no Location Exception records to display. |

| Increased Density |
|--|
| Order No |
| There are no Increased Density records to display. |

| Casing and Cement | | | | | | | |
|-------------------|--------|---------|--------|------|-----|-----|------------|
| Type | Size | Weight | Grade | Feet | PSI | SAX | Top of CMT |
| SURFACE | 13 3/8 | 48 | H-40 | 1000 | | 885 | SURFACE |
| PRODUCTION | 9 5/8 | 36 / 40 | HCK-55 | 7425 | | 880 | 4300 |

| Liner | | | | | | | | |
|--|------|--------|-------|--------|-----|-----|-----------|--------------|
| Type | Size | Weight | Grade | Length | PSI | SAX | Top Depth | Bottom Depth |
| There are no Liner records to display. | | | | | | | | |

Total Depth: 10112

| Packer | |
|--------|----------------|
| Depth | Brand & Type |
| 6970 | BAKER 194-60F |
| 7391 | BAKER 194FA-75 |

| Plug | |
|-------|-----------|
| Depth | Plug Type |
| 7250 | CEMENT |
| 7255 | BP |
| 9694 | CEMENT |

| 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 |
| There are no Initial Data records to display. | | | | | | | | | | |

| Completion and Test Data by Producing Formation | | | | | | | | | |
|---|--|-----------|--|--|--|--|-------------|--|--|
| Formation Name: SIMPSON | | | | Code: 202SMPS | | | Class: DISP | | |
| Spacing Orders | | | | Perforated Intervals | | | | | |
| Order No | | Unit Size | | From | | | To | | |
| There are no Spacing Order records to display. | | | | 7040 | | | 7150 | | |
| Acid Volumes | | | | Fracture Treatments | | | | | |
| 5,000 GALLONS ACID | | | | There are no Fracture Treatments records to display. | | | | | |
| | | | | | | | | | |

| Formation | Top |
|-----------|------|
| SIMPSON | 6971 |
| ARBUCKLE | 7265 |

Were open hole logs run? Yes

Date last log run: February 11, 2009

Were unusual drilling circumstances encountered? No

Explanation:

| Other Remarks |
|--|
| UIC APPLICATION NUMBER 1607050002 (MODIFICATION OF CURRENT UIC PERMIT NUMBER 1401540015) |

| Bottom Holes |
|--|
| Sec: 14 TWP: 25N RGE: 12W County: ALFALFA |
| SE SW NW SE |
| 1471 FSL 2030 FEL of 1/4 SEC |
| Depth of Deviation: 0 Radius of Turn: 0 Direction: 0 Total Length: 0 |
| Measured Total Depth: 10112 True Vertical Depth: 8770 End Pt. Location From Release, Unit or Property Line: 1471 |

| FOR COMMISSION USE ONLY |
|-------------------------|
| Status: Accepted |
| 1133408 |

API NO. 003-21931
OTC PROD.
UNIT NO. N/A

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
625923

Form 1002A
Rev. 2009

MAR 18 2016

OKLAHOMA CORPORATION
COMMISSION

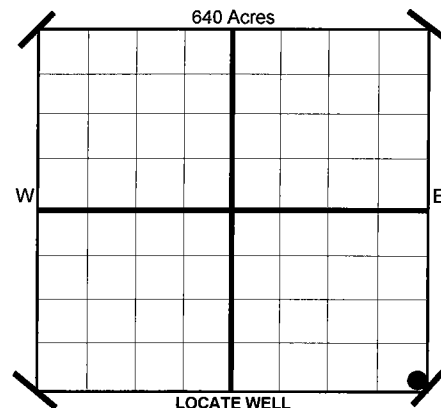
ORIGINAL
☒ AMENDED
Reason Amended **Recompletion**

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 | 14 | TWP | 25N | RGE | 12W |
| LEASE NAME | Dutch Harbor SWD | | WELL NO | 1-14 | | | |
| SHL | SE 1/4 | SE 1/4 | SE 1/4 | SE 1/4 | 221 | 1/4 SEC | 273 |
| ELEVATION | Derrick Fl | | 1,364 | Ground | 1,348 | Latitude (if Known) | |
| OPERATOR NAME | CHESAPEAKE OPERATING, L.L.C. | | | | OTC/OCC OPERATOR NO. | 17441 | |
| ADDRESS | P.O. BOX 18496 | | | | | | |
| CITY | OKLAHOMA CITY | | STATE | OK | | ZIP | 73154 |

| | |
|-------------------------|-----------|
| SPUD DATE | 1/25/2009 |
| DRLG FINISHED DATE | 2/22/2009 |
| DATE OF WELL COMPLETION | 2/22/2009 |
| 1ST PROD DATE | N/A |
| RECOMP DATE | 3/12/2016 |
| Longitude (if Known) | |



COMPLETION TYPE

| | |
|---|-----|
| <input checked="" type="checkbox"/> SINGLE ZONE | |
| <input type="checkbox"/> MULTIPLE ZONE | |
| <input type="checkbox"/> COMMINGLED | |
| LOCATION EXCEPTION ORDER NO. | N/A |
| INCREASED DENSITY ORDER NO. | N/A |

CASING & CEMENT (Form 1002C must be attached)

| TYPE | SIZE | WEIGHT | GRADE | FEET | PSI | SAX | TOP |
|--------------|---------|--------|--------|-------------|--------|-----|---------|
| CONDUCTOR | | | | | | | |
| SURFACE | 13-3/8" | 48# | H-40 | 1,000 | | 885 | Surface |
| INTERMEDIATE | | | | | | | |
| PRODUCTION | 9-5/8" | 36/40# | HCK-55 | 7,425 | | 880 | 4,300 |
| LINER | | | | | | | |
| | | | | TOTAL DEPTH | 10,112 | | |

PACKER @ 7,391 BRAND & TYPE 194FA-75 PLUG @ 7,250 TYPE Cement PLUG @ 7,255 TYPE BP
PACKER @ 6,970 BRAND & TYPE Baker 194-60F PLUG @ TYPE PLUG @ 9,694 TYPE Cement

COMPLETION & TEST DATA BY PRODUCING FORMATION

| | | | |
|---|--------------------|-------------|---------|
| FORMATION | Simpson | Arbuckle | No Frac |
| SPACING & SPACING ORDER NUMBER | N/A | N/A | |
| CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc | Disposal | below plugs | |
| PERFORATED INTERVALS | 7040 - 7150 | | |
| ACID/VOLUME | 5,000 gallons acid | | |
| FRACTURE TREATMENT (Fluids/Prop Amounts) | | | |

AS SUBMITTED

Minimum Gas Allowable (165:10-17-7)

Gas Purchaser/Measurer

☐

OR

1st Sales Date

Oil Allowable (165:10-13-3)

INITIAL TEST DATA

| | | | | |
|--------------------------|--|--|--|--|
| INITIAL TEST DATE | | | | |
| OIL-BBL/DAY | | | | |
| OIL-GRAVITY (API) | | | | |
| GAS-MCF/DAY | | | | |
| GAS-OIL RATIO CU FT/BBL | | | | |
| WATER-BBL/DAY | | | | |
| PUMPING OR FLOWING | | | | |
| INITIAL SHUT-IN PRESSURE | | | | |
| CHOKE SIZE | | | | |
| FLOW TUBING PRESSURE | | | | |

SCANNED

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 | JEFF BULL - REGULATORY MANAGER | DATE | 3/17/2016 | PHONE NUMBER | 405-848-8000 |
| ADDRESS | P.O. BOX 18496 | CITY | OKLAHOMA CITY | STATE | OK |
| | | ZIP | 73154 | EMAIL ADDRESS | juanita.cooper@chk.com |

PLEASE TYPE OR USE BLACK INK ONLY
FORMATION RECORD

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

LEASE NAME Dutch Harbor SWD

WELL NO. 1-14

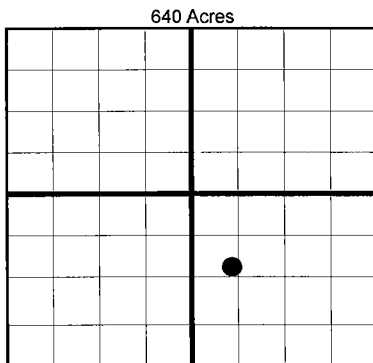
| NAMES OF FORMATIONS | TOP |
|---------------------|-------|
| Simpson | 6,971 |
| Arbuckle | 7,265 |

| | |
|--|-------------------|
| 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? | <u>X</u> yes | no |
| Date last log was run | <u>2/11/2009</u> | |
| Was CO ₂ encountered? | yes | <u>X</u> no at what depths? |
| Was H ₂ S encountered? | yes | <u>X</u> no at what depths? |
| Were unusual drilling circumstances encountered? | yes | <u>X</u> no |
| If yes, briefly explain. | | |

Other remarks:

UIC Application No. 1607050002 (modification of current UIC Permit No. 1401540015)



BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

| | | | | | | | | |
|----------------------|-----------------------------|-----|-----|-----|-----|---|-----------|-----------|
| SEC | 14 | TWP | 25N | RGE | 12W | COUNTY | Alfalfa | |
| Spot Location | SE 1/4 SW 1/4 NW 1/4 SE 1/4 | | | | | Feet From 1/4 Sec Lines | FSL 1,471 | FEL 2,030 |
| Measured Total Depth | 10,112 | | | | | True Vertical Depth | 8,770 | |
| | | | | | | BHL From Lease, Unit, or Property Line: | 1,471 | |

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

| | | | |
|----------------------|---------------------|-----|---|
| LATERAL #1 | | | |
| SEC | TWP | RGE | COUNTY |
| Spot Location | 1/4 | 1/4 | 1/4 |
| Depth of Deviation | Radius of Turn | | Direction |
| Measured Total Depth | True Vertical Depth | | BHL From Lease, Unit, or Property Line: |

LATERAL #2

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

LATERAL #3

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

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.

