

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.: 35003232810000

Completion Report

Spud Date: July 26, 2017

OTC Prod. Unit No.: 003-222302

Drilling Finished Date: August 06, 2017

1st Prod Date: September 18, 2017

Completion Date: September 16, 2017

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: RICHTER 2612 3H-11 B

Purchaser/Measurer: SEMGAS

Location: ALFALFA 11 26N 12W
SW SE SW SE
265 FSL 1950 FEL of 1/4 SEC
Latitude: 36.739832058 Longitude: -98.246628274
Derrick Elevation: 0 Ground Elevation: 1291

First Sales Date: 09/23/2017

Operator: MIDSTATES PETROLEUM CO LLC 23079

321 S BOSTON AVE STE 1000
TULSA, OK 74103-3322

| Completion Type | | Location Exception | | Increased Density | |
|-----------------|---------------|--------------------|--|-------------------|--|
| X | Single Zone | Order No | | Order No | |
| | Multiple Zone | 667107 | | 667106 | |
| | Commingled | | | | |

| Casing and Cement | | | | | | | |
|-------------------|--------|--------|-------|------|-----|-----|------------|
| Type | Size | Weight | Grade | Feet | PSI | SAX | Top of CMT |
| SURFACE | 13 3/8 | 48 | H-40 | 289 | | 335 | SURFACE |
| INTERMEDIATE | 9 5/8 | 36 | J-55 | 1271 | | 530 | SURFACE |
| PRODUCTION | 7 | 26 | P-110 | 6378 | | 375 | 3213 |

| Liner | | | | | | | | |
|-------|------|--------|-------|--------|-----|-----|-----------|--------------|
| Type | Size | Weight | Grade | Length | PSI | SAX | Top Depth | Bottom Depth |
| LINER | 4.5 | 11.6 | P-110 | 5215 | 0 | 570 | 6105 | 11320 |

Total Depth: 11320

| 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 | 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 |
|--------------|---------------|-------------|-------------------|-------------|-------------------------|---------------|-------------------|--------------------------|------------|----------------------|
| Sep 26, 2017 | MISSISSIPPIAN | 121 | 35 | 1558 | 12876 | 1964 | PUMPING | 109 | 64/64 | 187 |

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: OIL

Spacing Orders

| Order No | Unit Size |
|----------|-----------|
| 598329 | 640 |

Perforated Intervals

| From | To |
|------|-------|
| 6431 | 11219 |

Acid Volumes

| |
|--|
| 4,592 BARRELS 15% GELLED AND RET ACID, 977 BARRELS 15% HCL |
|--|

Fracture Treatments

| |
|--|
| 90,270 BARRELS SLICK WATER, 348,442 POUNDS ROCK SALT |
|--|

| Formation | Top |
|------------------|------|
| ENDICOTT | 4192 |
| AVANT | 4856 |
| CHECKERBOARD | 4907 |
| COTTAGE GROVE | 5033 |
| HOGSHOOTER | 5090 |
| BIG LIME | 5218 |
| OSWEGO | 5249 |
| CHEROKEE | 5362 |
| MISSISSIPPI LIME | 5527 |

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 SUBMITTED.

Lateral Holes

Sec: 11 TWP: 26N RGE: 12W County: ALFALFA

NW NE NE NW

165 FNL 1985 FWL of 1/4 SEC

Depth of Deviation: 7655 Radius of Turn: 2655 Direction: 359 Total Length: 4942

Measured Total Depth: 11320 True Vertical Depth: 5603 End Pt. Location From Release, Unit or Property Line: 165

FOR COMMISSION USE ONLY

1137805

Status: Accepted

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 Richter 2612

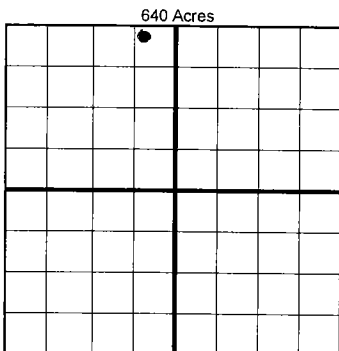
WELL NO. 3H-11 B

| NAMES OF FORMATIONS | TOP |
|---------------------|-------|
| ENDICOTT | 4,192 |
| AVANT | 4,856 |
| CHECKERBOARD | 4,907 |
| COTTAGE GROVE | 5,033 |
| HOGSHOOTER | 5,090 |
| BIG LIME | 5,218 |
| OSWEGO | 5,249 |
| CHEROKEE | 5,362 |
| MISSISSIPPI LIME | 5,527 |

| 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? | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no |
| Date Last log was run | N/A |
| Was CO ₂ encountered? | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? _____ |
| Was H ₂ S encountered? | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? _____ |
| Were unusual drilling circumstances encountered? | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no |
| If yes, briefly explain below | |

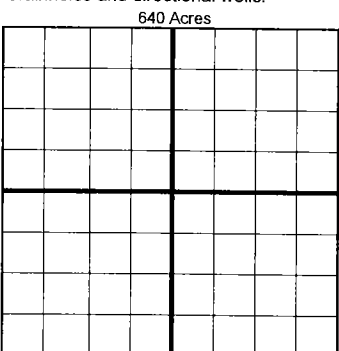
Other remarks:



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.



BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

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

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

see survey

| LATERAL #1 | SEC | TWP | RGE | COUNTY |
|----------------------|--------|---------------------|--------|---|
| | 11 | 26N | 12W | Alfalfa |
| Spot Location | NW 1/4 | NE 1/4 | NW 1/4 | |
| Depth of Deviation | 7,655 | Radius of Turn | 2,655 | Direction 359 |
| Measured Total Depth | 11,320 | True Vertical Depth | 5,603 | Total Length 4,942 |
| | | | | BHL From Lease, Unit, or Property Line: 165 |

LATERAL #2

| SEC | TWP | RGE | COUNTY |
|----------------------|---------------------|---|--------------|
| Spot Location | 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: | |

LATERAL #3

| SEC | TWP | RGE | COUNTY |
|----------------------|---------------------|---|--------------|
| Spot Location | 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: | |