

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.: 35047250690000

Completion Report

Spud Date: June 14, 2016

OTC Prod. Unit No.:

Drilling Finished Date: June 22, 2016

1st Prod Date: October 28, 2016

Completion Date: September 25, 2016

Drill Type: HORIZONTAL HOLE

Well Name: MCGEE 29-1H

Purchaser/Measurer:

Location: GARFIELD 29 20N 7W
SW SE SE SW
244 FSL 1994 FWL of 1/4 SEC
Derrick Elevation: 0 Ground Elevation: 1120

First Sales Date:

Operator: GASTAR EXPLORATION INC 23199

1331 LAMAR STE 650
HOUSTON, TX 77010-3131

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

| Location Exception |
|--------------------|
| Order No |
| 654699 |

| 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 | 9.625 | 36 | J-55 | 564 | | 195 | SURFACE |
| PRODUCTION | 7 | 29 | P-110 | 7362 | | 620 | |

| Liner | | | | | | | | |
|-------|---------|-----------|-------|--------|-----|-----|-----------|--------------|
| Type | Size | Weight | Grade | Length | PSI | SAX | Top Depth | Bottom Depth |
| LINER | 5 / 4.5 | 17 / 11.6 | P-110 | 4846 | 0 | 0 | 7282 | 12128 |

Total Depth: 12163

| 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 |
| Oct 28, 2016 | MISSISSIPPI LIME | 312 | 41 | 196 | 628 | 926 | PUMPING | | | |

| Completion and Test Data by Producing Formation | | | | | | | | | | |
|---|------------------|--|----------------|--|--|------------|-----------|--|--|--|
| Formation Name: MISSISSIPPI LIME | | | Code: 351MSSLM | | | Class: OIL | | | | |
| Spacing Orders | | | | Perforated Intervals | | | | | | |
| Order No | Unit Size | | | From | | | To | | | |
| 619070 | 640 | | | There are no Perf. Intervals records to display. | | | | | | |
| Acid Volumes | | | | Fracture Treatments | | | | | | |
| 2,036 BARRELS | | | | 170,976 BARRELS WATER, 44,632,028 POUNDS SAND | | | | | | |

| Formation | Top |
|-------------|------|
| PINK LIME | 6611 |
| INOLA LIME | 6720 |
| CHESTER | 6800 |
| MISSISSIPPI | 7119 |

Were open hole logs run? Yes
Date last log run: July 12, 2016

Were unusual drilling circumstances encountered? No
Explanation:

| Other Remarks |
|--|
| OCC - THIS WELL IS AN OPEN HOLE COMPLETION FROM BOTTOM OF THE 7" CASING AT 7,362' TO TERMINUS AT 12,163'. THE 4 1/2" LINER IS NOT CEMENTED. THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED THE FINAL LOCATION EXCEPTION HAS NOT BEEN SUBMITTED. |

| Lateral Holes |
|---|
| Sec: 29 TWP: 20N RGE: 7W County: GARFIELD |
| NE NW NE NW |
| 167 FNL 1834 FWL of 1/4 SEC |
| Depth of Deviation: 6955 Radius of Turn: 602 Direction: 360 Total Length: 3830 |
| Measured Total Depth: 12163 True Vertical Depth: 7477 End Pt. Location From Release, Unit or Property Line: 167 |

| FOR COMMISSION USE ONLY |
|-------------------------|
| Status: Accepted |
| 1135062 |

RECEIVED

NOV 10 2016

API NO. 35-047-25069
OTC PROD.
UNIT NO.

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

OKLAHOMA CORPORATION COMMISSION

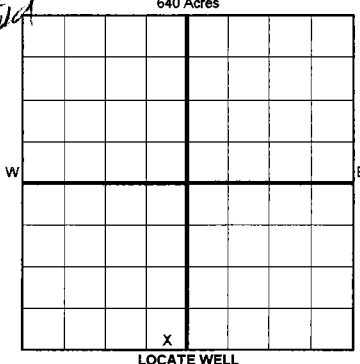
ORIGINAL
 AMENDED (Reason)

COMPLETION REPORT

TYPE OF DRILLING OPERATION
 STRAIGHT HOLE DIRECTIONAL HOLE HORIZONTAL HOLE
 SERVICE WELL
If directional or horizontal, see reverse for bottom hole location.

SPUD DATE **01/00/1960** *see spud*
DRLG FINISHED DATE 6/22/16

COUNTY GARFIELD SEC 29 TWP 20N RGE 7W
LEASE NAME McGEE WELL NO. 29-1H 1st PROD DATE 10/28/16
SW 1/4 SE 1/4 SE 1/4 SW 1/4 FSL OF 1/4 SEC 244 FWL OF 1/4 SEC 1994 RECOMP DATE
ELEVATION Ground 1120 Latitude (if known) Longitude (if known)
OPERATOR NAME Gastar Exploration Inc. OTC/OCC OPERATOR NO. 23199
ADDRESS 1331 Lamar Street, Suite 650
CITY Houston STATE TX ZIP 77010



COMPLETION TYPE
 SINGLE ZONE
 MULTIPLE ZONE
Application Date
 COMMINGLED
Application Date
LOCATION EXCEPTION ORDER NO. 6546991.0
INCREASED DENSITY ORDER NO.

CASING & CEMENT (Form 1002C must be attached)

| TYPE | SIZE | WEIGHT | GRADE | FEET | PSI | SAX | TOP OF CMT |
|--------------|-----------|-----------|-------|-------------|-----|-------|------------|
| CONDUCTOR | | | | | | | |
| SURFACE | 9.625 | 36 | J-55 | 564 | | 195 | |
| INTERMEDIATE | 7 | 29 | P-110 | 7,362 | | 620 | |
| PRODUCTION | 5" / 4.5" | 17 / 11.6 | P-110 | 7282 / 7801 | | 12128 | |
| LINER | | | | | | | |

PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____
PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____

TOTAL DEPTH 12,128

12163 Per BHL to survey

COMPLETION & TEST DATA BY PRODUCING FORMATION

351MSSLM

| | | | | | | | |
|---|---------------------------------------|--|--|--|--|--|--|
| FORMATION | Mississippi <i>line</i> | | | | | | |
| SPACING & SPACING ORDER NUMBER | 619070 - 640 ac. | | | | | | |
| CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc | oil | | | | | | |
| PERFORATED INTERVALS | OH completion -7962 - 12128 - | | | | | | |
| ACID/VOLUME | 2036 BBL | | | | | | |
| FRACTURE TREATMENT (Fluids/Prop Amounts) | 170,976 BBLs WTR 44,632,028 # SAND | | | | | | |

Reported to Fran FOLKS

Min Gas Allowable (165:10-17-7) OR Oil Allowable (165:10-13-3)
Gas Purchaser/Measurer _____
First Sales Date _____

INITIAL TEST DATA

| | | | | | | | |
|--------------------------|------------|--|--|--|--|--|--|
| INITIAL TEST DATE | 10/28/2016 | | | | | | |
| OIL-BBL/DAY | 312 | | | | | | |
| OIL-GRAVITY (API) | 41 | | | | | | |
| GAS-MCF/DAY | 196 | | | | | | |
| GAS-OIL RATIO CU FT/BBL | 628 | | | | | | |
| WATER-BBL/DAY | 926 | | | | | | |
| PUMPING OR FLOWING | PUMPING | | | | | | |
| INITIAL SHUT-IN PRESSURE | | | | | | | |
| CHOKE SIZE | | | | | | | |
| FLOW TUBING PRESSURE | | | | | | | |

AS SUBMITTED

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: *John O'Dowd* NAME (PRINT OR TYPE): John O'Dowd DATE: 11/7/16 PHONE NUMBER: 405-772-1500
ADDRESS: 3030 NW Expressway, Suite 500 CITY: Oklahoma City STATE: OK ZIP: 73112 EMAIL ADDRESS: Midcon-Reg@gastar.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 McGEE WELL NO. 29-1H

| NAMES OF FORMATIONS | TOP |
|---------------------|-------|
| Pink Lime | 6,611 |
| Inola Lime | 6,720 |
| Chester | 6800 |
| Mississippi | 7,119 |

FOR COMMISSION USE ONLY

ITD on file YES NO

APPROVED _____ DISAPPROVED _____ 2) Reject Codes _____

Were open hole logs run? yes no

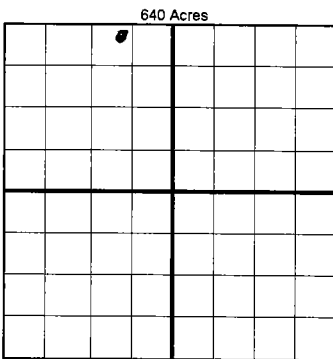
Date Last log was run 7/12/2016

Was CO₂ encountered? yes no at what depths? _____

Was H₂S encountered? yes no at what depths? _____

Were unusual drilling circumstances encountered? yes no
if yes, briefly explain below: _____

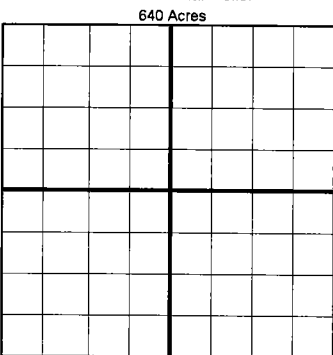
Other remarks: OCC-This well is an open hole completion from bottom of the 7" casing at 7362' to terminus at 12163'. The 4 1/2" liner is not cemented.



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 | 1/4 | Feet From 1/4 Sec Lines | FSL | FWL |
| Measured Total Depth | True Vertical Depth | | BHL From Lease, Unit, or Property Line: | | | | |

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1

| SEC | TWP | RGE | COUNTY | | | | |
|----------------------|--------|--------|---------------------|--------|-------------------------|---|--------------------|
| 29 | 20N | 07W | Garfield | | | | |
| Spot Location | NE 1/4 | NW 1/4 | NE 1/4 | NW 1/4 | Feet From 1/4 Sec Lines | EST <u>167 FNL</u> <u>5421</u> | FWL 1834 |
| Depth of Deviation | 6,955 | | Radius of Turn | 602 | | Direction <u>360 - 0</u> | Total Length 3,830 |
| Measured Total Depth | 12,163 | | True Vertical Depth | 7,477 | | BHL From Lease, Unit, or Property Line: 167 | |

LATERAL #2

| 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: | | | | |

LATERAL #3

| 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: | | | | |