# 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.: Drilling Finished Date: February 26, 2017

1st Prod Date: September 29, 2017

Completion Date: August 25, 2017

Drill Type: HORIZONTAL HOLE

Well Name: EAST HENNESSEY UNIT 241H Purchaser/Measurer:

Location: KINGFISHER 9 19N 6W

NE NE NW NW

235 FNL 1170 FWL of 1/4 SEC

Latitude: 36.1448947 Longitude: -97.849528887 Derrick Elevation: 0 Ground Elevation: 1116

Operator: HINKLE OIL & GAS INC 21639

5600 N MAY AVE STE 295 OKLAHOMA CITY, OK 73112-4275

|   | Completion Type |               |  |  |  |  |  |  |
|---|-----------------|---------------|--|--|--|--|--|--|
|   | X               | Single Zone   |  |  |  |  |  |  |
|   |                 | Multiple Zone |  |  |  |  |  |  |
| Ī |                 | 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. |

First Sales Date:

| Casing and Cement |       |        |       |      |     |     |            |  |
|-------------------|-------|--------|-------|------|-----|-----|------------|--|
| Туре              | Size  | Weight | Grade | Feet | PSI | SAX | Top of CMT |  |
| CONDUCTOR         | 16    |        |       | 125  |     | 10  | SURFACE    |  |
| SURFACE           | 9 5/8 | 36     | J-55  | 422  |     | 300 | SURFACE    |  |
| PRODUCTION        | 7     | 29     | P-110 | 7031 |     | 285 | 5270       |  |

| Liner |       |        |       |        |     |     |           |              |  |
|-------|-------|--------|-------|--------|-----|-----|-----------|--------------|--|
| Туре  | Size  | Weight | Grade | Length | PSI | SAX | Top Depth | Bottom Depth |  |
| LINER | 4 1/2 | 11.6   | P-110 | 6208   | 0   | 0   | 6875      | 13083        |  |

Total Depth: 13085

| Packer             |                        |  |  |  |
|--------------------|------------------------|--|--|--|
| Depth              | Brand & Type           |  |  |  |
| There are no Packe | er records to display. |  |  |  |

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

Initial Test Data

January 31, 2018 1 of 3

| 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 |
|--------------|---------------------|----------------|----------------------|----------------|----------------------------|------------------|----------------------|---------------------------------|---------------|-------------------------|
| Sep 29, 2017 | MISSISSIPPIAN SOLID |                |                      | 33             |                            | 1207             | FLOWING              |                                 |               | 120                     |

#### Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN SOLID

Code: 359MSSSD

Class: GAS

| Spacing Orders |           |  |  |  |  |
|----------------|-----------|--|--|--|--|
| Order No       | Unit Size |  |  |  |  |
| 61709          |           |  |  |  |  |
|                | •         |  |  |  |  |

| Perforated Intervals                             |  |  |  |  |  |
|--------------------------------------------------|--|--|--|--|--|
| From To                                          |  |  |  |  |  |
| There are no Perf. Intervals records to display. |  |  |  |  |  |

#### **Acid Volumes**

302,400 GALLONS 15% HCL

#### **Fracture Treatments**

296,826 BARRELS SLICK WATER, 6,284,190 POUNDS SAND

| Formation     | Тор  |
|---------------|------|
| COTTAGE GROVE | 5491 |
| CHECKERBOARD  | 5920 |
| BIG LIME      | 6093 |
| 2ND OSWEGO    | 6164 |
| 3RD OSWEGO    | 6189 |
| 4TH OSWEGO    | 6240 |
| VERDIGRIS     | 6319 |
| PINK LIME     | 6425 |
| RED FORK      | 6465 |
| MANNING       | 6598 |
| MISSISSIPPI   | 6855 |

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No Explanation:

#### Other Remarks

OCC - THIS WELL IS AN OPEN HOLE COMPLETION FROM BOTTOM OF THE 7" CASING AT 7,031' TO TERMINUS AT 13,085'. THE 4 1/2" LINER IS NOT CEMENTED. THIS WELL IS AT A LEGAL DISTANCE FROM THE UNIT 61709 OUTSIDE BOUNDARY.

#### **Lateral Holes**

Sec: 9 TWP: 19N RGE: 6W County: KINGFISHER

SW SW SW SW

12 FSL 289 FWL of 1/4 SEC

Depth of Deviation: 6442 Radius of Turn: 963 Direction: 180 Total Length: 5304

Measured Total Depth: 13085 True Vertical Depth: 7302 End Pt. Location From Release, Unit or Property Line: 12

### FOR COMMISSION USE ONLY

1138460

Status: Accepted

January 31, 2018 2 of 3

January 31, 2018 3 of 3

| RECE | Male | 1 |
|------|------|---|
|      |      |   |

|            | Towns.                             | ,   |    |               |        |            | - Anna Carrier | The second |   |  |  |  |
|------------|------------------------------------|-----|----|---------------|--------|------------|----------------|------------|---|--|--|--|
| SION       | •                                  |     | DE | C 1           | 8      | 2017       | 7              |            |   |  |  |  |
| 0          | OKLAHOMA CORPORATION<br>COMMISSION |     |    |               |        |            |                |            |   |  |  |  |
|            |                                    |     |    | 640           | Acres, |            |                |            |   |  |  |  |
|            |                                    | 6   |    |               |        |            |                |            |   |  |  |  |
|            |                                    |     |    |               |        |            |                |            |   |  |  |  |
|            |                                    |     |    |               |        |            |                |            |   |  |  |  |
| W          |                                    |     |    |               |        |            |                |            | E |  |  |  |
|            |                                    |     |    |               |        |            |                |            |   |  |  |  |
|            |                                    |     |    |               |        |            |                |            |   |  |  |  |
|            |                                    |     |    |               |        |            |                |            |   |  |  |  |
|            |                                    |     |    |               |        |            |                |            |   |  |  |  |
|            |                                    |     | L  | OCAT          | E WE   | LL         |                |            | • |  |  |  |
| EET        |                                    | PSI |    | SAX           |        | TOP OF CMT |                |            |   |  |  |  |
| 25'        |                                    |     |    | 10 yds        |        | Surface    |                |            |   |  |  |  |
| 22'        |                                    |     |    | 300           |        | S          | urfa           | се         |   |  |  |  |
|            |                                    |     |    |               |        |            |                |            |   |  |  |  |
| 31'        |                                    |     |    | 28            | 35     | 527        | 0' (C          | calc)      |   |  |  |  |
| 13,08      | 3'                                 | 2.3 |    | F             | S      |            | ķ.             |            |   |  |  |  |
| YPE<br>YPE | -                                  |     |    | TOTA<br>DEPTI |        | 1          | 3,08           | 5'         |   |  |  |  |
|            |                                    |     |    |               |        |            |                |            | , |  |  |  |
|            |                                    |     |    |               |        |            |                |            |   |  |  |  |
|            |                                    |     |    |               |        |            |                |            |   |  |  |  |
|            | l                                  |     |    |               | 1      |            |                | - 1        | 1 |  |  |  |

|                                                    |                    |                 |              |            |                       |                              |                              |       | 15  | and the same of | ORL CHANCESTON, SECTION | ark tall | Summer  | ノョ                 |
|----------------------------------------------------|--------------------|-----------------|--------------|------------|-----------------------|------------------------------|------------------------------|-------|-----|-----------------|-------------------------|----------|---------|--------------------|
| API<br>NO. 073-25475                               | PLEASE TYPE OR I   | IOTE:           |              |            |                       |                              | ON COMMISSIO                 | N     | 0   | חר              |                         |          |         | legs) <sup>2</sup> |
| OTC PROD. Merge #0342                              | Attach copy of     | •               |              |            | Pos                   | s Conservati<br>t Office Box | 52000                        |       |     | DE              | C 18                    | 201      | (-      |                    |
| XORIGINAL                                          | if recompleti      | on or reen      | try.         |            |                       | ity, Oklahom<br>Rule 165:10  | a 73152-2000<br>-3-25        |       | OKL | AHON            | MA COF                  | RPOF     | RATIO   | N                  |
| AMENDED (Reason)                                   | <b>P</b>           |                 |              |            | COM                   | PLETION R                    | EPORT                        |       |     | CC              | VIA COF<br>DMMISS       | SION     |         |                    |
| TYPE OF DRILLING OPERATI                           |                    | ТНОВІ           | ZONTAL HOLE  | SPI        | JD DATE               | 2/10/                        | 2017                         | г     |     | .               | 640 Acres               | 3,       | _       |                    |
| SERVICE WPLL  If directional or horizontal, see r  | •                  |                 | LONIAL HOLI  |            | LG FINISHED           | 2/26/                        | 2017                         |       |     | •               |                         | _        |         |                    |
| COUNTY Kingfis                                     |                    | TWP 19N         | RGE 06       | N/ DA      | TE OF WELL            | 8/25/                        | 2017                         |       |     |                 |                         |          |         |                    |
| LEASE Fa                                           | st Hennessey Unit  | L               | WELL 2       | - 0        | MPLETION<br>PROD DATE |                              | 2017                         |       |     |                 |                         | _        |         |                    |
| NE 1/4 NE 1/4 NW                                   | 1 1/4 NIM 1/4 FNL  | 225'            | FWL OF 1     |            | COMP DATE             |                              |                              | w     |     |                 |                         |          |         |                    |
| ELEVATIO                                           | 174 020            |                 | 36.1448      | OA7 Lon    | gitude                | 97.849                       | 528887                       |       |     |                 |                         |          |         |                    |
| N Derrick OPERATOR                                 | Hinkle Oil & Gas   |                 |              | OTC/OC     | C                     | 216                          |                              |       |     |                 |                         |          |         |                    |
| NAME<br>ADDRESS                                    |                    |                 | Avenue, S    | OPERAT     |                       |                              |                              |       |     |                 |                         |          |         |                    |
|                                                    | klahoma City       | iv. May 7       | STATE        |            | K ZIP                 | 72.                          | 112                          |       |     |                 |                         |          |         |                    |
| COMPLETION TYPE                                    | Marionia City      | CASII           |              |            | 1002C must b          |                              |                              |       |     | L               | OCATE W                 | ELL      |         |                    |
| X SINGLE ZONE                                      |                    | CASI            | TYPE         | SIZE       | WEIGHT                | GRADE                        | FEE                          | T     |     | PSI             | SAX                     | TC       | P OF CM | T.                 |
| MULTIPLE ZONE Application Date                     |                    | COND            | UCTOR        | 16"        |                       | <b>†</b>                     | 125                          | ;'    |     |                 | 10 yds                  | . 8      | urface  | _                  |
| COMMINGLED Application Date                        |                    | SURF            | ACE          | 9 5/8      | " 36#                 | J55                          | 422                          | )1    |     |                 | 300                     | 8        | urface  |                    |
| LOCATION<br>EXCEPTION ORDER                        |                    | INTER           | RMEDIATE     |            |                       | -                            |                              |       |     |                 |                         |          |         |                    |
| INCREASED DENSITY ORDER NO.                        |                    | PROD            | UCTION       | 7"         | 29#                   | P110                         | 703                          | 1'    |     |                 | 285                     | 527      | '0' (Ca | lc)                |
|                                                    | - A.               | LINER           | 2            | 4 1/2      | " 11.6#               | P110                         | 6875'-13                     | 3,083 | 3'  |                 | FS                      |          | 4       |                    |
| PACKER @BRAN                                       |                    |                 | @            | TYF        | PE                    | _PLUG@                       | TYP                          | E .   |     |                 | TOTAL<br>DEPTH          | 1        | 3,085'  |                    |
| PACKER @ BRANCOMPLETION & TEST DAT                 |                    |                 |              | TYP        | M595                  |                              | TYP                          | Ε -   |     | _               |                         |          |         |                    |
| FORMATION                                          | Mississippi 4      |                 |              | 2571       | 11997                 |                              |                              |       |     |                 |                         |          |         |                    |
| SPACING & SPACING<br>ORDER NUMBER                  | 61709 U            |                 | (            |            |                       |                              |                              |       |     |                 |                         |          |         |                    |
| CLASS: Oil, Gas, Dry, Inj,<br>Disp, Comm Disp, Svc | 2011 GO            | 15              | Wel          | Lonly      | maki                  | ne 60                        |                              |       |     |                 |                         |          |         | _                  |
|                                                    | 7974'-12,840' (6 s | pf).            |              |            | Tribot 7              | /                            |                              |       |     |                 |                         |          |         | _                  |
| PERFORATED<br>INTERVALS                            | open hole          | 2               |              |            |                       |                              |                              |       |     |                 |                         |          |         |                    |
|                                                    | l                  |                 |              |            |                       |                              |                              |       |     |                 |                         |          |         |                    |
| ACID/VOLUME                                        |                    |                 |              |            |                       |                              |                              |       |     |                 |                         |          |         |                    |
| EDA OTUDE TOGATAGAIT                               | 302400 G. 15% H    | CL              |              |            |                       |                              |                              |       |     |                 |                         |          |         |                    |
| FRACTURE TREATMENT (Fluids/Prop Amounts)           | 296826 Bbl. Sl. V  |                 |              |            |                       |                              |                              |       |     |                 |                         |          |         |                    |
|                                                    | 6284190# Sano      | 1               |              |            |                       |                              |                              |       |     |                 |                         |          |         | _                  |
|                                                    | Min Gas            | Allowable<br>OR | (16          | 5:10-17-7) |                       |                              | Purchaser/Meas<br>Sales Date | urer  |     |                 |                         |          |         |                    |
| INITIAL TEST DATA                                  | Oil Allov          |                 | (165:10-13-3 | )          |                       | 11130                        | Ouroo Duto                   |       |     |                 |                         |          |         | _                  |
| INITIAL TEST DATE                                  | 9/29/2017          |                 |              |            |                       |                              |                              |       |     |                 |                         |          |         |                    |
| OIL-BBL/DAY                                        | 0                  |                 |              |            |                       |                              |                              |       |     |                 |                         |          |         |                    |
| OIL-GRAVITY ( API)                                 | 0                  |                 | ///          |            |                       |                              |                              |       | //_ |                 |                         |          |         |                    |
| GAS-MCF/DAY                                        | 33                 |                 | / / //       |            |                       |                              |                              |       | 1   |                 |                         |          |         |                    |
| GAS-OIL RATIO CU FT/BBL                            |                    |                 |              | 45         | 511                   | KM                           | ITTE                         |       | 1   |                 |                         |          |         |                    |
| WATER-BBL/DAY                                      | 1207               |                 |              | -10        |                       |                              |                              |       |     |                 |                         |          |         |                    |
| PUMPING OR FLOWING                                 | Flowing            |                 |              |            |                       |                              |                              |       |     |                 |                         |          |         |                    |
| INITIAL SHUT-IN PRESSURE                           | N/A                |                 |              |            |                       |                              |                              |       |     |                 |                         |          |         |                    |
| CHOKE SIZE 6                                       | N/A                |                 |              |            |                       | 6                            |                              |       |     |                 |                         |          |         |                    |
| FLOW TUBING PRESSURE                               | 120                |                 |              |            |                       |                              |                              |       |     |                 |                         |          |         |                    |

| A record of the formations drilled through, and pertinent rem | arks are presented on the r  | reverse. I  | declare that I have k   | nowledge of the content    | s of this report and am author | orized by my organization |
|---------------------------------------------------------------|------------------------------|-------------|-------------------------|----------------------------|--------------------------------|---------------------------|
| to make this report, which was prepared by me or under my     | supervision and direction, w | vith the da | ata and facts stated he | erein to be true, correct, | and complete to the best of    | my knowledge and belief.  |
| 12 Mile                                                       |                              | Bruce       | A. Hinkle               |                            | 12/12/2017                     | 405-848-0924              |
| SIGNATURE                                                     | N                            | IAME (PI    | RINT OR TYPE)           | •                          | DATE                           | PHONE NUMBER              |
| 5600 N. May Avenue, Suite 295                                 | Oklahoma City                | ∘OK         | 73112                   |                            | Laurahinkle@hoag               | i.com .                   |
| ADDRESS                                                       | CITY                         | STATE       | E ZIP                   |                            | EMAIL ADDRESS                  | 3                         |

## 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.

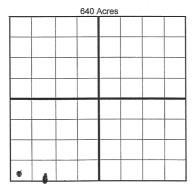
| NAMES OF FORMATIONS | TOP       |
|---------------------|-----------|
| Cottage Grove       | 5491" TVD |
| Checkerboard        | 5920'     |
| Big Lime            | 6093'     |
| 2nd Oswego          | 6164'     |
| 3rd Oswego          | 6189'     |
| 4th Oswego          | 6240'     |
| Verdigris           | 6319'     |
| Pink Lime           | 6425'     |
| Red Fork            | 6465'     |
| Manning             | 6598'     |
| Mississippi         | 6855'     |
|                     |           |
|                     |           |
|                     |           |
|                     |           |
|                     |           |
| Other remarks:      | 1/ -      |

| LEASE NAME                                                                                                                    | East F                | lennesse                 | y Unit    |                                 | WELL NO | 241H 4 |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------|-----------|---------------------------------|---------|--------|
|                                                                                                                               |                       | FOF                      | R COMMIS  | SION USE O                      | NLY     |        |
| ITD on file [                                                                                                                 | YES<br>DISAPPRO       | VED NO                   | 2) Reject |                                 |         |        |
| Were open hole I Date Last log wa Was CO <sub>2</sub> encoun Was H <sub>2</sub> S encoun Were unusual dri If yes, briefly exp | s run ntered? ntered? | yes yes yes s encountere | X no      | at what dep<br>at what dep<br>- |         | X_no   |

East Hennessey Unit

241H .

| Other remarks: PRC-This Well is an open                                                                    | hole completion from    |
|------------------------------------------------------------------------------------------------------------|-------------------------|
| Other remarks:  OCC-This Well is an open  bottom of the T"casing at 7031 to  41/2" Liner is not convented. | terminus at 13,085, The |
| 41/2" Liner is not comented.                                                                               |                         |
|                                                                                                            |                         |
|                                                                                                            |                         |
|                                                                                                            |                         |



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.

|  |      | 640 / | Acres |      |  |
|--|------|-------|-------|------|--|
|  |      |       | ,     |      |  |
|  |      |       |       |      |  |
|  |      |       |       |      |  |
|  |      |       |       |      |  |
|  |      |       |       |      |  |
|  |      |       |       |      |  |
|  |      |       |       |      |  |
|  |      |       |       |      |  |
|  | <br> |       |       | <br> |  |

#### BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

| SEC                   | TWP         | RGE |                   | COUNTY |                             |              |     |
|-----------------------|-------------|-----|-------------------|--------|-----------------------------|--------------|-----|
| Spot Locati           | on<br>1/4   | 1/4 | 1/4               | 1/4    | Feet From 1/4 Sec Lines     | FSL          | FWL |
| Measured <sup>-</sup> | Total Depth |     | True Vertical Dep | oth    | BHL From Lease, Unit, or Pr | operty Line: | ,   |

#### BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1

| SEC 09 TWP            | 19N   | RGE | 06V         | /     | COUNTY |     |                   | Kir            | ngfishe         | r  |       | 189 |
|-----------------------|-------|-----|-------------|-------|--------|-----|-------------------|----------------|-----------------|----|-------|-----|
| Spot Location 1/4     | SW    | 1/4 | SW          | 1/4   | SW     | 1/4 | Feet From 1/4 Sec | Lines          | FSL             | 12 | FWL   | 475 |
| Depth of<br>Deviation | 6442' |     | Radius of   | Гurn  | 963'   |     | Direction 180     | South          | Total<br>Length |    | 5304' |     |
| Measured Total I      | Depth |     | True Vertic | al De | pth    |     | BHL From Lease, I | Unit, or Prope | erty Line:      |    |       |     |
| 13                    | ,085' |     |             | 730   | 02'    |     |                   |                | 12              |    |       |     |

| LATERAL:    | #2          |     |                  |        |                              |              |     |
|-------------|-------------|-----|------------------|--------|------------------------------|--------------|-----|
| SEC         | TWP         | RGE |                  | COUNTY |                              |              |     |
|             |             |     |                  |        |                              |              |     |
| Spot Locati |             |     |                  |        | Feet From 1/4 Sec Lines      | FSL          | FWL |
|             | 1/4         | 1/4 | 1/4              | 1/4    | 1 0001 10111 11 1 000 00110  |              |     |
| Depth of    |             |     | Radius of Turn   |        | Direction                    | Total        |     |
| Deviation   |             |     |                  |        |                              | Length       |     |
| Measured 7  | Total Depth |     | True Vertical De | oth    | BHL From Lease, Unit, or Pro | operty Line: |     |
| 1           |             |     |                  |        |                              |              |     |
| Į           |             |     |                  |        | *                            |              |     |

| SEC                   | TWP          | RGE |                   | COUNTY |                            |                 |         |                |
|-----------------------|--------------|-----|-------------------|--------|----------------------------|-----------------|---------|----------------|
| Spot Loca             | ation<br>1/4 | 1/4 | 1/4               | 1/4    | Feet From 1/4 Sec Lines    | FSL             | <br>FWL | d <sub>o</sub> |
| Depth of<br>Deviation |              |     | Radius of Turn    |        | Direction                  | Total<br>Length |         |                |
| Measured              | Total Depth  |     | True Vertical Dep | oth 🕞  | BHL From Lease, Unit, or P | roperty Line:   |         |                |