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

**Completion Report** 

Spud Date: July 13, 2019

OTC Prod. Unit No.: 093-2265740-0-0000

API No.: 35093252220001

Location:

Drilling Finished Date: August 05, 2019

1st Prod Date: February 12, 2020

Completion Date: February 12, 2020

**Drill Type: HORIZONTAL HOLE** 

Min Gas Allowable: Yes

Well Name: TAGGERT 21N-9W 11-1H

Purchaser/Measurer: TARGA

MAJOR 11 21N 9W NE SE SW SW

First Sales Date: 02/18/2020

357 FSL 1060 FWL of 1/4 SEC

Latitude: 36.304843 Longitude: -98.136358 Derrick Elevation: 1316 Ground Elevation: 1298

Operator: INTERSTATE EXPLORATIONS LLC 24089

PO BOX 984 301 E 18TH ST

**Completion Type** 

Single Zone Multiple Zone Commingled

CISCO, TX 76437-0984

| Location Exception |
|--------------------|
| Order No           |
| 707318             |

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

| Casing and Cement |       |        |       |       |     |     |            |  |  |
|-------------------|-------|--------|-------|-------|-----|-----|------------|--|--|
| Туре              | Size  | Weight | Grade | Feet  | PSI | SAX | Top of CMT |  |  |
| SURFACE           | 11.75 | 42     | J-55  | 547   |     | 245 | SURFACE    |  |  |
| INTERMEDIATE      | 8.625 | 32     | L-80  | 7516  |     | 290 | 6266       |  |  |
| PRODUCTION        | 5.5   | 23     | P-110 | 12735 |     | 865 | 4394       |  |  |

|      |      |        |           | Liner           |              |     |           |              |
|------|------|--------|-----------|-----------------|--------------|-----|-----------|--------------|
| Туре | Size | Weight | Grade     | Length          | PSI          | SAX | Top Depth | Bottom Depth |
|      | -    |        | There are | no Liner record | ds to displa | ay. |           |              |

Total Depth: 12756

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

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

**Initial Test Data** 

October 13, 2020 1 of 2

| 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 |
|--------------|---------------|----------------|----------------------|----------------|----------------------------|------------------|----------------------|---------------------------------|---------------|-------------------------|
| Mar 14, 2020 | MISSISSIPPIAN | 230            | 38                   | 121            | 526                        | 1900             | ESP                  |                                 | OPEN          | 300                     |

#### **Completion and Test Data by Producing Formation**

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: OIL

| Spacing  | ) Orders  |
|----------|-----------|
| Order No | Unit Size |
| 687019   | 640       |

| Perforated Intervals |       |  |  |  |  |  |
|----------------------|-------|--|--|--|--|--|
| From To              |       |  |  |  |  |  |
| 8050                 | 12625 |  |  |  |  |  |

**Acid Volumes** 

1,248 BARRELS 15% HCL

| Fracture Treatments                                    |
|--|
| 414,246 BARRELS SLICKWATER, 12,364,500 POUNDS PROPPANT |

| Formation   | Тор  |
|-------------|------|
| OSWEGO      | 6376 |
| RED FORK    | 6700 |
| MANNING     | 6840 |
| MISSISSIPPI | 7023 |

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

#### Other Remarks

OCC - ESP IS ELECTRONIC SUBMERSIBLE PUMP

#### **Lateral Holes**

Sec: 14 TWP: 21N RGE: 9W County: MAJOR

SE SE SW SW

201 FSL 912 FWL of 1/4 SEC

Depth of Deviation: 6932 Radius of Turn: 844 Direction: 180 Total Length: 5434

Measured Total Depth: 12756 True Vertical Depth: 7588 End Pt. Location From Release, Unit or Property Line: 201

# FOR COMMISSION USE ONLY

1145601

Status: Accepted

October 13, 2020 2 of 2

|   | Δl   |  |  |                       |                           |   | ظ ہے۔                               | an .   | 020  |      |
|---|--|--|--|-----------------------|---------------------------|---|-------------------------------------|--|--|------|
| API 093-25222   | (PLEASE TYPE OR US   | E BLACK INK ONLY)                      |  |                       |                           |   | 9"                                  | 10-  | 1020   | Form |
| NO. 053°23222   |  |  | C  |                       |                           | TON COMMISSION                                    | 9-                                  |  | •  | Re   |
| UNIT NO. 093226574                                    | 0  |  |  |                       | Office Box                |   |                                     | MIN  | /  |      |
| XORIGINAL   | _  |  |  |                       | ty. Oklahoi<br>Rule 165:1 | ma 73152-2000<br>0-3-25                           |                                     |  |  |      |
| AMENDED (Reason)                                      |  |  | _  |                       | LETION                    |   |                                     |  |  |      |
| TYPE OF DRILLING OPERAT                               |  | 7                                      | SPU                                      | DATE                  | 7/13                      | /2019   |                                     | 640 Acres  |  |      |
| SERVICE WELL  |  | HORIZONTAL HOLI                        |  | FINISHED              |                           | 2019  |                                     |  |  |      |
|   | reverse for bottom hole location.  | - 0411 014                             | DATE                                     | OF WELL               |                           |   |                                     |  |  |      |
| COUNTY MAJ  |  | WELL                                   | COM                                      | PLETION               |                           | /2020   |                                     |  |  |      |
| NAME  | AGGERT 21N-9W  | NO. 11                                 | -1H tst Pi                               | ROD DATE              | 2/12                      | /2020 w   |                                     | 1-1-   |  |      |
|   | N 1/4 SW 1/4 FSL OF 3  | 57 FWL OF 10                           |  | MP DATE               |                           | "   | <del>-   -   -</del>                | <del>                                     </del> |  | •    |
| Derrick FL 1316 KB Gro                                | und 1298 Latitude (if k  | nown) 36.3048                          |  | ongitude<br>if known) | -98.1                     | 36358   |                                     | <del>                                     </del> | <del>                                     </del> |      |
| OPERATOR IN   | TERSTATE EXPLORA   | TIONS LLC                              | OTC / OCC                                |                       | 24                        | 089   |                                     | <del>                                     </del> | <del>                                     </del> |      |
| ADDRESS   | 1331 LA  | MAR ST. STE                            |  |                       |                           |   |                                     | _ _  |  |      |
| CITY  | HOUSTON  | STATE                                  | TX                                       | ZIP                   | 73                        | 760   | ×                                   |  |  |      |
| COMPLETION TYPE                                       | nocoron  | CASING & CEMEN                         |  |                       |                           |   | L                                   | OCATE WE   | LL   |      |
| X SINGLE ZONE   |  | TYPE                                   | SIZE                                     | WEIGHT                | GRADE                     | FEET  | PSI                                 | SAX  | TOP OF CMT                                       |      |
| MULTIPLE ZONE Application Date                        | <del> </del>   | CONDUCTOR                              |  |                       |                           |   |                                     | 7  |  |      |
| COMMINGLED Application Date                           | 70731870.  | SURFACE                                | 11.75                                    | 42                    | J-55                      | 547   |                                     | 245  | Surface  |      |
| LOCATION EXCEPTION ORDER NO.                          | -689198  | INTERMEDIATE                           | 8.625                                    | 32                    | L-80                      | 7,516   |                                     | 290  | 6,266  |      |
| INCREASED DENSITY ORDER NO.                           |  | PRODUCTION                             | 5.5                                      | 23                    | P-110                     | 12735   |                                     | 865  | 4394   |      |
| ORDER NO.   |  | LINER                                  |  |                       |                           |   |                                     |  |  |      |
| PACKER @ BRA  | ND & TYPE  | PLUG @                                 | TYPE                                     |                       |                           | TYPE  |                                     | TOTAL<br>DEPTH                                   | 12,756   |      |
|   | ND & TYPE  | PLUG @                                 | TYPE                                     |                       |                           | TYPE  |                                     | JEPIH (  |  |      |
| COMPLETION & TEST DATA                                | A BY PRODUCING FORMATION   | 359 MG                                 | SP                                       |                       |                           |   |                                     |  |  |      |
| FORMATION   | MISSISSIPPIAN  |  |  |                       |                           | İ   |                                     | 12   | morted t   | 5    |
| SPACING & SPACING                                     | (640)H02. 678019-  | 1.07010                                |  | ·                     |                           |   |                                     | - 1 X  | F. E.  |      |
| ORDER NUMBER  | (040)1362, 070019  | 601019                                 |  |                       | _                         |   |                                     | 1  | rac rogi   | 15   |
| CLASS: Oil, Gas. Dry, Inj.<br>Disp. Comm Disp. Svc    | pil  | 687019<br>per 601                      | 2  |                       |                           |   |                                     |  | 1  |      |
|   | 8050-12625   | 12.00.                                 | <del>`</del>                             |                       |                           | 1   |                                     |  |  |      |
| 2000001700  |  |  |  |                       |                           |   |                                     |  |  |      |
| PERFORATED<br>INTERVALS                               |  |  |  |                       |                           |   |                                     |  |  |      |
|   |  |  |  |                       |                           |   |                                     |  |  |      |
| •••   |  |  |  |                       |                           |   |                                     |  |  |      |
| ACID/VDLUME   | 1248 bbls 15% HCL  |  |  |                       |                           |   |                                     | İ  |  |      |
|   | 414,246 bbls   |  |  |                       |                           |   |                                     |  |  |      |
| FRACTURE TREATMENT                                    | slickwater   |  |  |                       |                           |   |                                     |  |  |      |
| Fluids/Prop Amounts)                                  | 12,364,500# proppant   |  |  |                       |                           |   |                                     |  |  |      |
|   |  |  |  |                       |                           |   |                                     |  |  |      |
|   | Min Gas Allo   | wable /165.4                           | 0-17-7)                                  |                       | G 22 C                    | urchaser/Measurer                                 |                                     | l<br>Tar   | rna  |      |
|   | X OR   |  |  |                       |                           | ales Date   |                                     | 2/18/2   | 2020   |      |
| NITIAL TEST DATA                                      | Oil Allowable  | (165:10-13-3)                          | ····                                     |                       |                           |   |                                     |  |  |      |
| NITIAL TEST DATE                                      | 3/14/2020  |  |  |                       |                           |   |                                     |  |  |      |
| DIL-BBL/DAY   | 230  |  |  |                       |                           |   |                                     |  |  |      |
| DIL-GRAVITY ( API)                                    | 38   |  |  |                       |                           |   |                                     |  |  |      |
| GAS-MCF/DAY   | 121  |  |  |                       |                           |   |                                     |  |  |      |
| SAS-OIL RATIO CU FT/BBL                               | 526  |  |  |                       |                           |   |                                     |  |  |      |
| VATER-BBL/DAY   | 1900   | ************************************** |  |                       |                           |   |                                     | _  |  |      |
| UMPING OR FLOWING                                     | ESP  |  |  |                       |                           |   |                                     | -  |  |      |
| NITIAL SHUT-IN PRESSURE                               |  |  | -  |                       | +                         |   | <u> </u>                            |  |  |      |
|   | Open   |  | +  |                       |                           |   |                                     |  |  |      |
| HURE SIZE   | Open   |  |  |                       |                           |   |                                     |  |  |      |
| CHOKE SIZE  |  |  | 1  |                       |                           |   |                                     |  |  |      |
| LOW TUBING PRESSURE                                   | 300  |  |  |                       |                           |   |                                     |  |  |      |
| LOW TUBING PRESSURE                                   | ad through, and pertinent remarks a prepared by me or under my superv    | ision and direction, with              | erse. I decla<br>the data and<br>MATT DA | I facts stated I      | knowledge<br>nerein to be | of the contents of this is true, correct, and com | report and am autoplete to the best | of my knowle                                     | ny organization<br>edge and belief.<br>308-4910  |      |
| LOW TUBING PRESSURE A record of the formations drille | od through, and perlinent remarks a<br>prepared by me or under my superv | ision and direction, with              | the data and                             | WSON                  | knowledge<br>nerein to be | e true, correct, and com                          | plete to the best                   | of my knowle<br>(713<br>PHO                      | edge and belief.                                 |      |

# 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 anlistem tested. |               |
|---|---------------|
| NAMES OF FORMATIONS                                       | TOP           |
| OSWEGO  | 6,376         |
| REDFORK   | 6,700         |
| MANNING   | 6840          |
| MISSISSIPPI   | 7,023         |
|   |               |
|   |               |
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|   |               |
|   |               |
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|   |               |
|   |               |
|   |               |
| Other remarks: OCC - ESP-15 e                             | lectron       |
|   | , _ , _ , _ , |
|   |               |

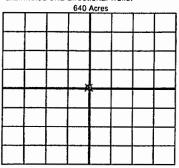
| ITD on file   | YES [            | NO  |           |               |      |
|---|------------------|-----|-----------|---------------|------|
| APPROVED  | DISAPPROVED      |     | 2) Reject | Codes         |      |
|   |                  |     |           |               |      |
| Were open hole logs   | •                | yes | X_no      |               |      |
| Date Last log was rur   | -d?              | yes |           | at what depth |      |
| Vas H <sub>2</sub> S encountered<br>Vere unusual drilling<br>I yes, briefly explain I | circumstances en |     |           | at what depth | <_no |

| <br>640 Acres |  |  |  |  |  |  |  |  |  |  |  |
|---------------|--|--|--|--|--|--|--|--|--|--|--|
|               |  |  |  |  |  |  |  |  |  |  |  |
|               |  |  |  |  |  |  |  |  |  |  |  |
|               |  |  |  |  |  |  |  |  |  |  |  |
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|               |  |  |  |  |  |  |  |  |  |  |  |
|               |  |  |  |  |  |  |  |  |  |  |  |
| ¤             |  |  |  |  |  |  |  |  |  |  |  |

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 Local | 1/4         | 1/4 | 1/4              | 1/4    | Feet From 1/4 Sec Lines     | FSL          | FWL |
| Measured   | Total Depth |     | True Vertical De | pth    | BHL From Lease, Unit. or Pr | operty Line: |     |

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

| LATERAL               |  |       |     |           |      |        |  |                 |           |                 |         |     |
|-----------------------|--|-------|-----|-----------|------|--------|--|-----------------|-----------|-----------------|---------|-----|
| SEC 14                | TWP                                      | 21N   | RGE | 9W        |      | COUNTY | MAJOR 201                                |                 |           |                 |         |     |
| Spot Local            | ion<br>1/4                               | SE    | 1/4 | sw        | 1/4  | SW     | 1/4                                      | Feet From 1/4 S | Sec Lines | FSL             | 200 FWL | 912 |
| Depth of<br>Deviation |  | 6,932 |     | Radius of | Turn | 844    |  | Direction       | 180       | Total<br>Length | 5,434   |     |
| Measured              | Measured Total Depth True Vertical Depth |       |     |           |      |        | BHI. From Lease, Unit, or Property Line: |                 |           |                 |         |     |
| 12,756 7,5            |  |       | 88  |           |      | 201    | 200 FS                                   | SL              |           |                 |         |     |

| SEC                                      | TWP          | RGE |                | COUNTY |                             |                 |     |
|--|--------------|-----|----------------|--------|-----------------------------|-----------------|-----|
| Spot Loc                                 | ation<br>1/4 | 1/4 | 1/4            | 1/4    | Feet From 1/4 Sec Lines     | FSL             | FWL |
| Depth of<br>Deviation                    |              |     | Radius of Turn |        | Direction                   | Total<br>Length |     |
| Measured Total Depth True Vertical Depth |              |     |                | pth    | BHL From Lease, Unit, or Pr |                 |     |

| SEC                   | TWP         | RGE |                  | COUNTY |                             |                 |     |
|-----------------------|-------------|-----|------------------|--------|-----------------------------|-----------------|-----|
| Spot Locat            | ion<br>1/4  | 1/4 | 1/4              | 1/4    | Feet From 1/4 Sec Lines     | FSL             | FWL |
| Depth of<br>Deviation |             |     | Radius of Turn   |        | Direction                   | Total<br>Length |     |
| Measured              | Total Depth | ·   | True Vortical De | pth    | BHL From Lease, Unit, or Pr | operty Line:    |     |

#### API NUMBER: 093 25222 Α

Horizontal Hole

Amend reason: CHANGE TD AND BHL

Oil & Gas

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C Pit Location is AP/TE DEPOSIT Pit Location Formation: TERRACE

**OKLAHOMA CORPORATION COMMISSION** OIL & GAS CONSERVATION DIVISION P.O. BOX 52000 **OKLAHOMA CITY, OK 73152-2000** (Rule 165:10-3-1)

PUN 093-226574 Prod 2-2010

Approval Date:

04/25/2019

Expiration Date: 10/25/2020

5 pud B - 26-19

#### AMEND PERMIT TO DRILL

| WELL LOCATION                           | : Sec: 11 Twp: 211   | Rge: 9W               | County: MAJ           | OR                   |  |                           |                   |  |
|---|--|-----------------------|-----------------------|----------------------|--|---------------------------|-------------------|--|
| SPOT LOCATION                           | : NE SE SW   | SW FEET FR            | OM QUARTER: FROM      | SOUTH FROM           | WEST                                   |                           |                   |  |
|   |  | SECTION               | I LINES:              | 357                  | 1060                                   |                           |                   |  |
| Lease Name:                             | TAGGERT 21N-9W   |                       | Well No:              | 11-1H                |  | Well will be 357          | feet from nea     | rest unit or lease boundary.             |
| Operator<br>Name:                       | INTERSTATE EXPLOR  | ATIONS LLC            |                       | Telephone:           | 8178503600                             | ОТО                       | C/OCC Number:     | 24089 0                                  |
| INTERST<br>PO BOX                       | FATE EXPLORATION<br>984                                    | SLLC                  |                       |                      |  | D. RATZLAFF &             | MILDRED L.        | RATZLAFF                                 |
| CISCO,                                  |  | TX 7643               | 7-0984                |                      | 4/316 HIG<br>MEON                      | SHWAY 412                 | ок                | 73760                                    |
| 1<br>2<br>3<br>4<br>5                   | ) (Permit Valid for L<br>Name<br>MISSISSIPPIAN<br>WOODFORD | isted Formation       | Depth<br>6835<br>7650 | o Ourland            | Name<br>6<br>7<br>8<br>9<br>10         | lanna                     |                   | pth                                      |
| Spacing Orders:                         |  | ***                   | Location Exception    | Orders: 68919        | <del></del>                            | increas                   | ed Density Orders | :<br>                                    |
| Pending CD Num                          |  |                       | Ounface               | Casimon 500          |  |                           | Orders:           | des Desdes FM 470                        |
| Total Depth:                            |  | levation: 1298        |                       | Casing: 520          |  | Depth to ba               |                   | ter-Bearing FM: 470                      |
| Under Federal                           | Jurisdiction: No   |                       | Fresh Wate            | er Supply Well Drill | ed: No                                 |                           | Surface Wate      | r used to Drill: Yes                     |
| PIT 1 INFORMA                           |  |                       |                       |                      | Approved Method for d                  | disposal of Drilling Flui | ids:              |  |
| • | em: CLOSED Closed Syst                                     | tem Means Steel Pits  | <b>3</b>              |                      | D. C 15 1 1 1                          | "" (DEOL!!DE              | 050147            | DEDINIT NO. 40 00470                     |
|   | stem: WATER BASED<br>8000 Average: 5000                    |                       |                       |                      | D. One time land appl H. CLOSED SYSTEM |                           |                   | PERMIT NO: 19-36472<br>JLE/ORDER 287231) |
| Is depth to top o                       | f ground water greater than 1                              | Oft below base of pit | 7 Y                   |                      |  |                           |                   |  |

### **HORIZONTAL HOLE 1**

Sec 14 Twp 21N Rge 9W County MAJOR

Spot Location of End Point: SW SE SW SW

Feet From:

SOUTH 1/4 Section Line:

200

Feet From:

WEST

ST 1/4 Section Line:

920

Depth of Deviation: 5905

Radius of Tum: 937

Direction: 181

Total Length: 5379

Measured Total Depth: 12756

True Vertical Depth: 7650

End Point Location from Lease,

Unit, or Property Line: 200

Notes:

Category

Description

HYDRAULIC FRACTURING

4/24/2019 - G71 - OCC 165:10-3-10 REQUIRES: 1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE; 2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND, 3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

**LOCATION EXCEPTION - 689198** 

G56 - (I.O.) 14-21N-9W X687019 MSSP, WDFD

COMPL INT NCT 165' FSL, NCT 165' FNL, NCT 330' FWL OKLAHOMA ENERGY ACQUISITIONS,

LP\*\*\* 1/4/2019

\*\*\*S/B INTERSTATE EXPLORATIONS LLC, WILL BE CORRECTED AT FINAL HEARING FOR

LOCATION EXCEPTION PER ATTORNEY FOR OPERATOR

PUBLIC WATER SUPPLY WELL

4/24/2019 - G71 - ENID - 1 PWS/WPA, SE/4 11-21N-9W

**SPACING - 687019** 

4/25/2019 - G56 - (640)(HOR) 14-21N-9W

VAC 75566 MNNG, MPLM VAC 75566/183533 MPLM EXT 669317 MSSP, WDFD POE TO BHL (MSSP) NLT 660' FB

POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL