Spud Date: December 28, 2018
Drilling Finished Date: January 13, 2019
1st Prod Date: May 19, 2019
Completion Date: June 10, 2020

Drill Type: HORIZONTAL HOLE

Well Name: GLEASON 1-31-30XH
Min Gas Allowable: Yes
Purchaser/Measurer: ETC TEXAS PIPELINE LTD
First Sales Date: 06/06/2019
Location: NOBLE 6 20N 1W

SE NW NW NW
600 FNL 465 FWL of $1 / 4$ SEC
Latitude: 36.244455 Longitude: -97.352386
Derrick Elevation: 0 Ground Elevation: 1111

Operator: CHARTER OAK PRODUCTION CO LLC 21672
13929 QUAIL POINTE DR
OKLAHOMA CITY, OK 73134-1037

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


| Location Exception |
| :---: |
| Order No |
| 696938 |


| Increased Density |
| :---: |
| Order No |
| N/A |


| Casing and Cement |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Type | Size | Weight | Grade | Feet | PSI | SAX | Top of CMT |
| CONDUCTOR | 20 |  |  | 82 |  |  | SURFACE |
| SURFACE | $103 / 4$ | 45.5 | J-55 | 370 |  | 300 | SURFACE |
| INTERMEDIATE | $75 / 8$ | 29.7 | J-55 | 5059 |  | 250 | 3420 |
| PRODUCTION | $51 / 2 \& 4$ <br> $1 / 9$ | $20 \& 13.5$ | P-110 | 11943 |  | 920 | 3270 |


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

Total Depth: 11957

| Packer |  | Plug |  |
| :---: | :---: | :---: | :---: | :---: |
| Depth | Brand \& Type | Depth | Plug Type |
| There are no Packer records to display. |  | There are no Plug records to display. |  |


| Test Date | Formation | $\begin{gathered} \text { Oil } \\ \text { BBL/Day } \end{gathered}$ | Oil-Gravity (API) | $\begin{gathered} \text { Gas } \\ \text { MCF/Day } \end{gathered}$ | Gas-Oil Ratio Cu FT/BBL | Water BBL/Day | Pumpin or Flowing | Initial Shut- <br> In <br> Pressure | Choke Size | Flow Tubing Pressure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Jun 10, 2020 | BIG LIME | 93 | 40.8 | 246 | 2645 | 399 | PUMPING | 1739 | N/A |  |
| Completion and Test Data by Producing Formation |  |  |  |  |  |  |  |  |  |  |
| Formation Name: BIG LIME |  |  | Code: 404BGLM |  |  | Class: OIL |  |  |  |  |
| Spacing Orders |  |  | Perforated Intervals |  |  |  |  |  |  |  |
| Order | Unit Size |  | From |  |  | To |  |  |  |  |
|  | 480 |  | 5135 |  |  | 11853 |  |  |  |  |
| Acid Volumes |  |  | Fracture Treatments |  |  |  |  |  |  |  |
| 440,254 GALLONS 20\% HCL |  |  | 160,708 BARRELS SLICK WATER, 715,060 POUNDS 40/70 SAND, 1,805,870 POUNDS 30/50 SAND |  |  |  |  |  |  |  |


| Formation | Top |
| :--- | :--- |
| BIG LIME | 4944 |

Were open hole logs run? No
Date last log run:
Were unusual drilling circumstances encountered? No Explanation:

## Other Remarks

OCC - SPACING ORDER NUMBER 692851 IS AN IRREGULAR 480 ACRE UNIT COVERING SW/4 SEC 30-21N-1W AND W/2 SEC 31-21N-1W. OCC THE ORDER 700483 1S AN EXCEPTION TO THE RULE 165:10-3-28(C)(2)(B).

| Lateral Holes |
| :--- |
| Sec: 30 TWP: 21N RGE: 1W County: NOBLE |
| SE NW NW SW |
| 613 FNL 641 FWL of $1 / 4$ SEC |
| Depth of Deviation: 3670 Radius of Turn: 883 Direction: 360 Total Length: 6745 |
| Measured Total Depth: 11957 True Vertical Depth: 4531 End Pt. Location From Release, Unit or Property Line: 613 |
| FOR COMMISSION USE ONLY |


| AP1 35-103-24751 |
| :--- |
| NO. |
| OTC PROD. 103-225517 |
|  |

PLEASE TYPE OR USE BLACK mK ONLY
NOTE:

| Atlach copy of original 1002A |
| :---: |
| if recompletion or reentry. |


| HOMA CORPORATION COMMLS <br> Oil \& Gas Conservation Division <br> Post Office Box 52000 |
| :---: |
|  |  |

Fule 165:10-3-25
COMPLETION REPORT


| $\checkmark$ SIMGLE ZONE |  |  |
| :---: | :---: | :---: |
| MUTIPLE ZONE Application Date |  |  |
| COMMINGLED Anofication Dote |  |  |
|  |  |  |
| $\begin{aligned} & \text { TNCREASED DENSITY N/A } \\ & \text { ORDERMO } \end{aligned}$ |  |  |

PACKER @-_BRAND\& TYPE
PACKER @

| TYPE | SIZE | weight | GRADE |
| :---: | :---: | :---: | :---: |
| CONOLCTOR | $20^{\prime \prime}$ |  |  |
| SURFACE | $103 / 4^{\prime \prime}$ | 45.5\# | J-55 |
| INTERMEDIATE | $7518{ }^{\prime \prime}$ | 29.7\# | J-55 |
| Procuction | $51 / 2141 / 2$ | 20\#\| 13.51 | | P-110 |
| LIMER |  |  |  |

PLUG (1)
PuGG $\qquad$ TYPE TYPE
$\qquad$ PLUG $\qquad$ TYPE

| FEET | PSI | SAX | TOP OF CMT |
| :---: | :---: | :---: | :---: |
| $82^{\circ}$ |  |  | Surface |
| 370 |  | 300 | Surface |
| $5059^{\circ}$ |  | 250 | $3420^{\circ}$ |
| $11,943^{\circ}$ |  | 920 | $3270^{\circ}$ |
|  |  |  |  |
| TYPE | TOTAL <br> DEPTH | $11,957^{\prime}$ |  | PLUG © E


(165:10-17-7)
Gas PurchasertMeasurer First Sales Date
ETC Jexas Pipetion, tio 6

A record of the formations crilled through, and pertinent remarks are presented on the reverse. I declare thall have knowedge of the contents of fhis report and am axthorized by my organization


PLEASE TYPE OR USE BLACK IMK ONLY
FORMATION RECORD
Give formation names and tops, if avalitate, or descriptions and thickness of formations dritled through. Show intervals cored or ditibtem tested.

| NamES OF FORMATONS | TOP |
| :--- | :---: |
| Big Lime | $4944^{\prime}$ |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

WELI NO. 2343men





If more than three drabitholes are proposed, attach a sepparde sheet inticating the necessary indwanation.

Drection must be stated io dogrees azinuth. Please note, the horizantat drambucte and its end point must be bocated wathin the boundaries of the tease or spacing unat.

Directional surveys are required for all drainholes and directional wolls.


GOTTOM HOLE LOCATION FOR DARECTIOMAL HOLE


BOTTOM HOLE LOGATION FOR HORZZONTAL HOLE: (LATERALS)

| ${ }^{S E C} 30$ | ${ }^{\text {TWP }} 21 \mathrm{~N}$ | RGE $1 W$ |  | County Noble County |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { Spot Loce: } \\ & \text { SE } \end{aligned}$ | ion NW | $1 / 4$ | NWN | 1/4 SW | 1/4 | Feet from $1 / 4 \mathrm{Sec}$ Uirms | FSL613' FNL | FW. $641^{\circ}$ |
| $\begin{aligned} & \text { Depth of } 3670^{\prime} \\ & \text { Deviation } \end{aligned}$ |  |  | $\text { Radius of Tun } 883^{\circ}$ |  |  | $\text { Drection } 369.5^{\circ} 360$ | $\begin{aligned} & \text { Todal } \\ & \text { Length } 6745^{\circ} \end{aligned}$ |  |
| $\begin{aligned} & \text { Neasured Tow Deph } \\ & 11,957 \end{aligned}$ |  |  | True Vertical Depth |  |  | Ef From Lease, Unin, or Pro 613' | Ly Lhe: |  |



