

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

API NUMBER: 077 21667 B

Approval Date: 07/24/2018

Expiration Date: 01/24/2019

Straight Hole

Oil & Gas

PERMIT TO RECOMPLETE

WELL LOCATION: Sec: 04 Twp: 5N Rge: 20E

County: LATIMER

SPOT LOCATION: ☐ NE ☐ SW ☐ SE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 2010 1735

Lease Name: HAWTHORNE

Well No: 3

Well will be 1735 feet from nearest unit or lease boundary.

Operator Name: UNIT PETROLEUM COMPANY

Telephone: 9184937700; 9184937

OTC/OCC Number: 16711 0

UNIT PETROLEUM COMPANY

PO BOX 702500

TULSA, OK 74170-2500

JOHN W. GROGAN

1607 S. 10TH ST

MCALESTER OK 74501

Formation(s) (Permit Valid for Listed Formations Only):

|   | Name                | Depth | Name | Depth |
|---|---------------------|-------|------|-------|
| 1 | HARTSHORNE          | 2033  | 6    |       |
| 2 | MIDDLE ATOKA        | 8398  | 7    |       |
| 3 | LOWER ATOKA         | 11233 | 8    |       |
| 4 | ATOKA BASAL (SPIRO) | 13098 | 9    |       |
| 5 | WAPANUCKA           | 13200 | 10   |       |

Spacing Orders: 138615

Location Exception Orders:

Increased Density Orders: 535803

Pending CD Numbers:

Special Orders:

Total Depth: 13380

Ground Elevation: 616

Surface Casing: 429 IP

Depth to base of Treatable Water-Bearing FM: 320

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

Notes:

Category

Description

HYDRAULIC FRACTURING

7/11/2018 - 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](http://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](http://FRACFOCUS.ORG)

This permit does not address the right of entry or settlement of surface damages.

077 21667 HAWTHORNE 3

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

| Category                   | Description   |
|----------------------------|---|
| INCREASED DENSITY - 535803 | 7/18/2018 - G57 - 4-5N-20E<br>X138615 ATOKL<br>1 WELL<br>UNIT PETROLEUM COMPANY<br>2-21-2007                  |
| SPACING - 138615           | 7/23/2018 - G57 - (640) 4-5N-20E<br>EXT 55050/74758 AKBAS<br>EXT 74758 ATOKM, HRSR, WPCK<br>EST ATOKL, OTHERS |