

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

API NUMBER: 039 22584

Approval Date: 11/07/2019

Expiration Date: 05/07/2021

Horizontal Hole  
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 15N Rge: 16W County: CUSTER

SPOT LOCATION: ☐ SE ☐ SW ☐ SW ☐ NE FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 275 400

Lease Name: JONES

Well No: 24-25HCG 1

Well will be 275 feet from nearest unit or lease boundary.

Operator TOKLAN OIL & GAS CORPORATION  
Name:

Telephone: 9188787452

OTC/OCC Number: 10043 0

TOKLAN OIL & GAS CORPORATION  
7404 S YALE AVE  
TULSA, OK 74136-7029

RODERICK W JONES  
8653 N 2340 ROAD  
THOMAS OK 73669

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

	Name	Depth	Name	Depth
1	COTTAGE GROVE	8550	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 70016  
146119  
688745  
702671

Location Exception Orders: 702672

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 15000

Ground Elevation: 1820

**Surface Casing: 1200**

Depth to base of Treatable Water-Bearing FM: 410

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: Yes

Surface Water used to Drill: No

**PIT 1 INFORMATION**

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

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

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 19-37057

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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

The duration of this permit is 18 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.

# HORIZONTAL HOLE 1

Sec 25 Twp 15N Rge 16W County CUSTER

Spot Location of End Point: SE SE NW SE

Feet From: SOUTH 1/4 Section Line: 1600

Feet From: EAST 1/4 Section Line: 1490

Depth of Deviation: 7977

Radius of Turn: 333

Direction: 174

Total Length: 6500

Measured Total Depth: 15000

True Vertical Depth: 8600

End Point Location from Lease,  
Unit, or Property Line: 1490

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

10/29/2019 - 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](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)

LOCATION EXCEPTION - 702672

11/7/2019 - GC2 - (I.O.) S2 24-15N-16W, S2 19-15N-15W, & 25-15N-16W  
X70016 CGGV S2 24-15N-16W & S2 19-15N-15W  
X146119 CGGV 25-15N-16W  
COMPL. INT. (S2 24-15N-16W & S2 19-15N-15W) NCT 0' FSL, NCT 330' FNL, NCT 3,960' FWL  
COMPL. INT. (25-15N-16W) NCT 0' FNL, NCT 1,320' FSL, NCT 1,320' FEL  
TOKLAN OIL AND GAS CORPORATION  
9-23-2019

SPACING - 146119

11/7/2019 - GC2 - (640) 25-15N-16W  
EXT 70016/73467 CGGV  
EXT OTHERS  
EST OTHERS

SPACING - 688745

11/7/2019 - GC2 - 24-15N-16W & 19-15N-15W  
VAC 624096 CGGV

SPACING - 70016

11/7/2019 - GC2 - (640)(IRR) S2 24-15N-16W & S2 19-15N-15W LD SLOT (1968) NE/SW (1971)  
VAC OTHER  
EST CGGV  
EXT OTHERS

SPACING - 702671

11/7/2019 - GC2 - (I.O.) S2 24-15N-16W, S2 19-15N-15W, & 25-15N-16W  
EST MULTIUNIT HORIZONTAL WELL  
X70016 CGGV S2 24-15N-16W & S2 19-15N-15W  
X146119 CGGV 25-15N-16W  
37.7% S2 24-15N-16W & S2 19-15N-15W  
62.3% 25-15N-16W  
TOKLAN OIL AND GAS CORPORATION  
9-23-2019

SURFACE CASING

10/29/2019 - G71 - MIN. 500' PER ORDERS 39839/42589

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039 22584 JONES 24-25HCG 1

