

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

API NUMBER: 011 24214

Approval Date: 05/14/2019

Expiration Date: 11/14/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 16N Rge: 12W

County: BLAINE

SPOT LOCATION: ☐ NE ☐ NW ☐ SE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 1495 890

Lease Name: WATONGA

Well No: 1-19H

Well will be 890 feet from nearest unit or lease boundary.

Operator Name: ACACIA ENERGY PARTNERS LLC

Telephone: 9725562950

OTC/OCC Number: 24252 0

ACACIA ENERGY PARTNERS LLC  
909 LAKE CAROLYN PKWY STE 1500  
IRVING, TX 75039-3912

MARYL M. MCCRARY  
P.O. BOX 57  
WATONGA OK 73772

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	10685	6
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 661718

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901918

Special Orders:

Total Depth: 16000

Ground Elevation: 1489

**Surface Casing: 210**

Depth to base of Treatable Water-Bearing FM: 160

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

**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: 75000 Average: 8000

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

Within 1 mile of municipal water well? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

**Category of Pit: C**

**Liner not required for Category: C**

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

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

PERMIT NO: 19-36641

H. SEE MEMO

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

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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

Within 1 mile of municipal water well? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 19 Twp 16N Rge 11W County BLAINE

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 365

Depth of Deviation: 10300

Radius of Turn: 477

Direction: 5

Total Length: 4950

Measured Total Depth: 16000

True Vertical Depth: 10685

End Point Location from Lease,  
Unit, or Property Line: 50

Additional Surface Owner	Address	City, State, Zip
MARYL M. MCCRARY	P.O. BOX 57	WATONGA, OK 73772

Notes:

Category

Description

HYDRAULIC FRACTURING

4/25/2019 - 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: [OCCWEB.COM/OG/OGFORMS.HTML](http://OCCWEB.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)

INTERMEDIATE CASING

4/25/2019 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES

MEMO

4/25/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201901918

4/30/2019 - G56 - (I.O.) 19-16N-11W  
X661718 MSSP  
COMPL INT NCT 165' FSL, NCT 165' FNL, NCT 330' FWL  
NO OP NAMED  
REC 4/16/2019 (MINMIER)

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

011 24214 WATONGA 1-19H

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
PUBLIC WATER SUPPLY WELL	4/25/2019 - G71 - WATONGA - 1 PWS/WPA, NE/4 24-16N-12W
SPACING - 661718	4/30/2019 - G56 - (640)(HOR) 19-16N-11W EST MSSP, OTHERS POE TO BHL NLT 660' FB



# Well Location Plat

S.H.L. Sec. 25-16N-12W I.M.  
B.H.L. Sec. 19-16N-11W I.M.

Operator: ACACIA ENERGY PARTNERS, LLC

Lease Name and No.: WATONGA 1-19H

35-011-24214

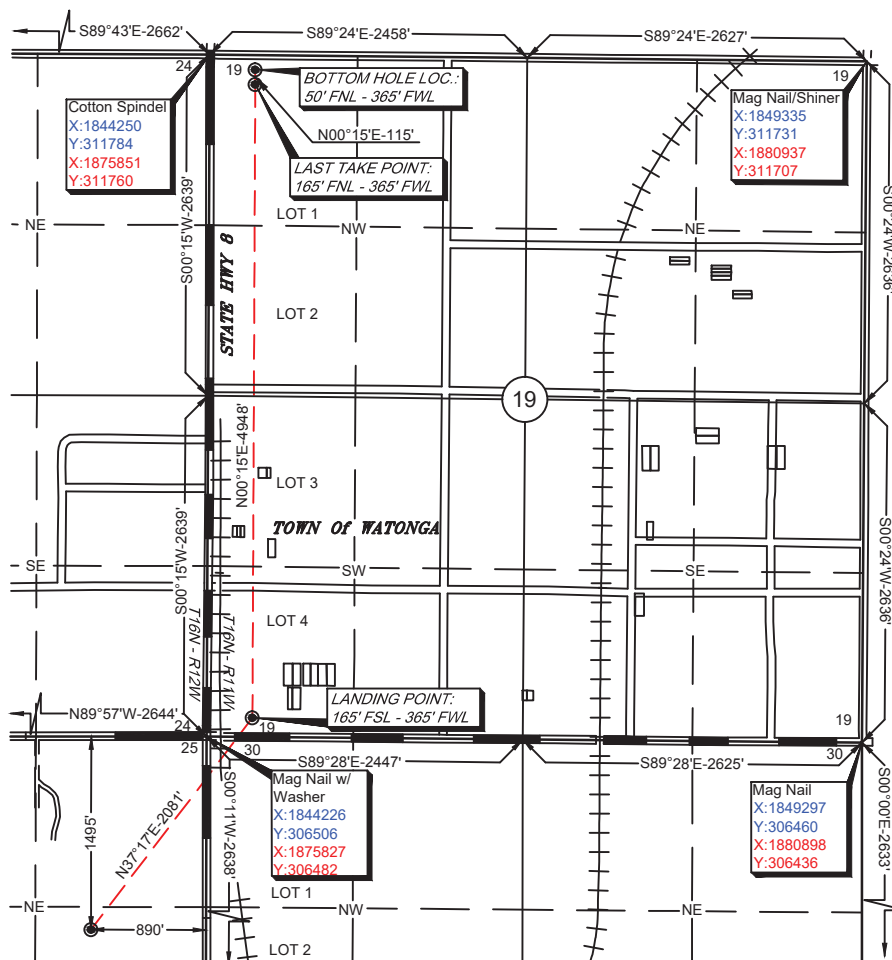
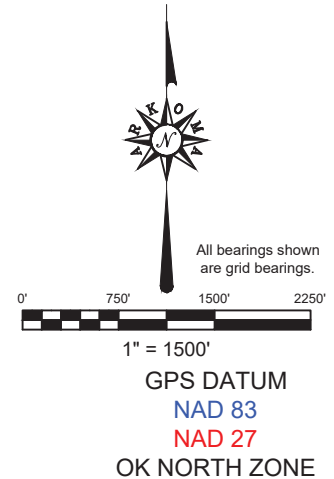
Footage: 1495' FNL - 890' FEL Gr. Elevation: 1489'

Section: 25 Township: 16N Range: 12W I.M.

County: Blaine State of Oklahoma

Terrain at Loc.: Location fell in no til wheat, SW fence, S. of 2 tracks.

<b>Surface Hole Loc.:</b> Lat: 35°50'13.76"N Lon: 98°25'20.23"W Lat: 35.83715665 Lon: -98.42228668 X: 1843331 Y: 305011	<b>Landing Point:</b> Lat: 35°50'30.19"N Lon: 98°25'05.01"W Lat: 35.84172054 Lon: -98.41805846 X: 1844592 Y: 306667	<b>Last Take Point:</b> Lat: 35°51'19.13"N Lon: 98°25'05.00"W Lat: 35.85531380 Lon: -98.41805539 X: 1844614 Y: 311615	<b>Bottom Hole Loc.:</b> Lat: 35°51'20.27"N Lon: 98°25'05.00"W Lat: 35.85562973 Lon: -98.41805532 X: 1844615 Y: 311730
<b>Surface Hole Loc.:</b> Lat: 35°50'13.61"N Lon: 98°25'18.97"W Lat: 35.83711312 Lon: -98.42193631 X: 1874932 Y: 304987	<b>Landing Point:</b> Lat: 35°50'30.04"N Lon: 98°25'03.75"W Lat: 35.84167719 Lon: -98.41770816 X: 1876193 Y: 306643	<b>Last Take Point:</b> Lat: 35°51'18.97"N Lon: 98°25'03.74"W Lat: 35.85527081 Lon: -98.41770477 X: 1876215 Y: 311591	<b>Bottom Hole Loc.:</b> Lat: 35°51'20.11"N Lon: 98°25'03.74"W Lat: 35.85558675 Lon: -98.41770470 X: 1876215 Y: 311706



-Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS. -NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey. -Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

Survey and plat by:

Arkoma Surveying and Mapping, PLLC

P.O. Box 238 Wilburton, OK 74578

Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348

Expires June 30, 2020

Invoice #8554-A

Date Staked: 03/21/19 By: B.A.

Date Drawn: 03/28/19 By: E.W.

Revise Bore Path: 04/11/19 By: C.K.

## Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

*Lance G. Mathis*  
LANCE G. MATHIS

04/11/19

OK LPLS 1664

