

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

API NUMBER: 011 24216

Approval Date: 05/21/2019

Expiration Date: 11/21/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 16N Rge: 13W

County: BLAINE

SPOT LOCATION: ☐ SW ☐ NW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 334 2313

Lease Name: CAYMUS

Well No: 1-22H

Well will be 334 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

GADDIS FAMILY LIVING TRUST JOYE GADDIS
702 MONETT DRIVE
CORPUS CHRISTI TX 78412

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	11125	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 659275

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201902469

Special Orders:

Total Depth: 16425

Ground Elevation: 1785

Surface Casing: 280

Depth to base of Treatable Water-Bearing FM: 230

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? 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: 19-36639

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? 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

HORIZONTAL HOLE 1

Sec 22 Twp 16N Rge 13W County BLAINE

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 390

Depth of Deviation: 10606

Radius of Turn: 478

Direction: 170

Total Length: 5069

Measured Total Depth: 16425

True Vertical Depth: 11875

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

Notes:

Category

Description

HYDRAULIC FRACTURING

3/15/2019 - 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

INTERMEDIATE CASING

3/15/2019 - 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

3/15/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201902469

4/30/2019 - G58 - (I.O.) 22-16N-13W
X659275 MSSP
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL
NO OP. NAMED
REC 5/21/2019 (P. PORTER)

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

011 24216 CAYMUS 1-22H

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

SPACING - 659275

3/26/2019 - G58 - (640)(HOR) 22-16N-13W
VAC OTHER
EST MSSP, OTHERS
POE TO BHL NLT 660' FB
(COEXIST SP. ORDER 123621 MISS)

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.



Well Location Plat

Sec. 22-16N-13W I.M.

Operator: ACACIA ENERGY PARTNERS, LLC

011-24216

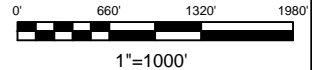
Lease Name and No.: CAYMUS 1-22H

Footage: 334' FNL - 2313' FEL Gr. Elevation: 1785'

Section: 22 Township: 16N Range: 13W I.M.

County: Blaine State of Oklahoma

Terrain at Loc.: Location fell in a wheat field, South & East of a fence.



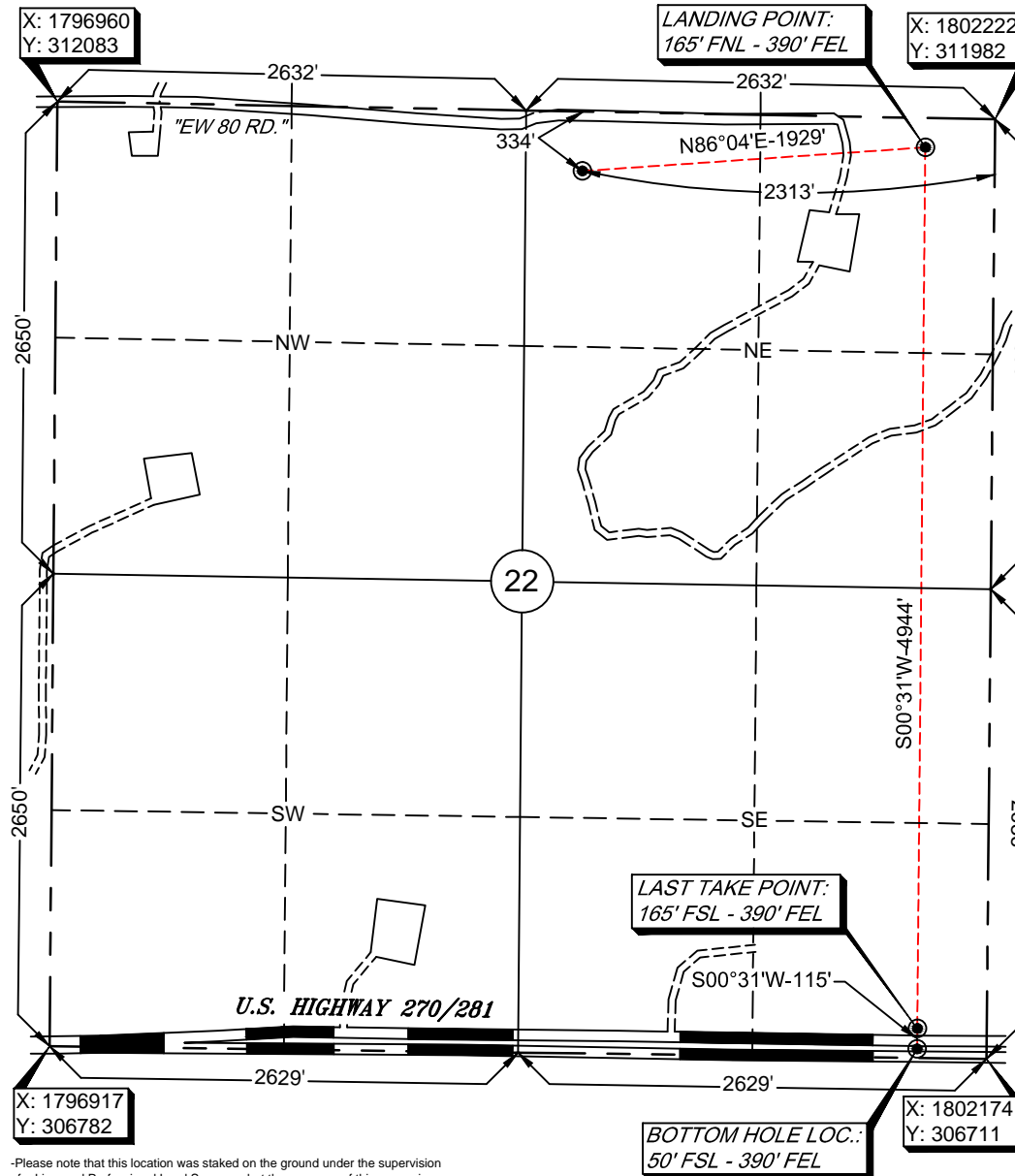
GPS DATUM
NAD - 83
OK NORTH ZONE

Surface Hole Loc.:
Lat: 35°51'17.64"N
Lon: 98°34'08.12"W
Lat: 35.85490041
Lon: -98.56892111
X: 1799906
Y: 311692

Landing Point:
Lat: 35°51'19.06"N
Lon: 98°33'44.75"W
Lat: 35.85529520
Lon: -98.56242923
X: 1801831
Y: 311825

Last Take Point:
Lat: 35°50'30.17"N
Lon: 98°33'44.94"W
Lat: 35.84171372
Lon: -98.56248391
X: 17801786
Y: 306881

Bottom Hole Loc.:
Lat: 35°50'29.03"N
Lon: 98°33'44.95"W
Lat: 35.84139780
Lon: -98.56248518
X: 1801785
Y: 306766



-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 #7009-B-B

Date Staked: 10/10/18 By: M.G.

Date Drawn: 10/12/18 By: E.W.

Added LP/BHL: 10/17/18 By: J.H.

Revise Bore Path: 04/26/19 By: R.M.

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

04/26/19

OK LPLS 1664

