

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

API NUMBER: 011 24215

Approval Date: 05/14/2019

Expiration Date: 11/14/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 17N Rge: 13W

County: BLAINE

SPOT LOCATION: ☐ NE ☐ NW ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 210 390

Lease Name: MOON DUCK

Well No: 1-6H

Well will be 210 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

JOHN GRANT WION
P.O. BOX 69
DAVENPORT OK 74026

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	10300	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 674517

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201900347

Special Orders:

Total Depth: 16450

Ground Elevation: 1750

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 200

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: 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: 19-36640

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 06 Twp 17N Rge 13W County BLAINE

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 390

Depth of Deviation: 10086

Radius of Turn: 900

Direction: 180

Total Length: 4950

Measured Total Depth: 16450

True Vertical Depth: 10930

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

Notes:

Category

Description

DEEP SURFACE CASING

4/18/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

4/17/2019 - 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

4/17/2019 - 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

4/17/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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

011 24215 MOON DUCK 1-6H

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
PENDING CD - 201900347	4/19/2019 - G56 - (I.O.) 6-17N-13W X674517 MSSP, OTHERS COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 330' FWL NO OP NAMED REC 3/4/2019 (DENTON)
SPACING - 674517	4/19/2019 - G56 - (640)(HOR) 6-17N-13W VAC 180294 CSTR, MSSLM VAC 269914 KDRK, MSSLM, OTHERS EXT 658277 MSSP, OTHERS POE TO BHL NLT 660' FB



Well Location Plat

Sec. 6-17N-13W I.M.

Operator: ACACIA ENERGY PARTNERS, LLC

Lease Name and No.: MOON DUCK 1-6H

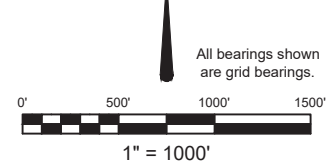
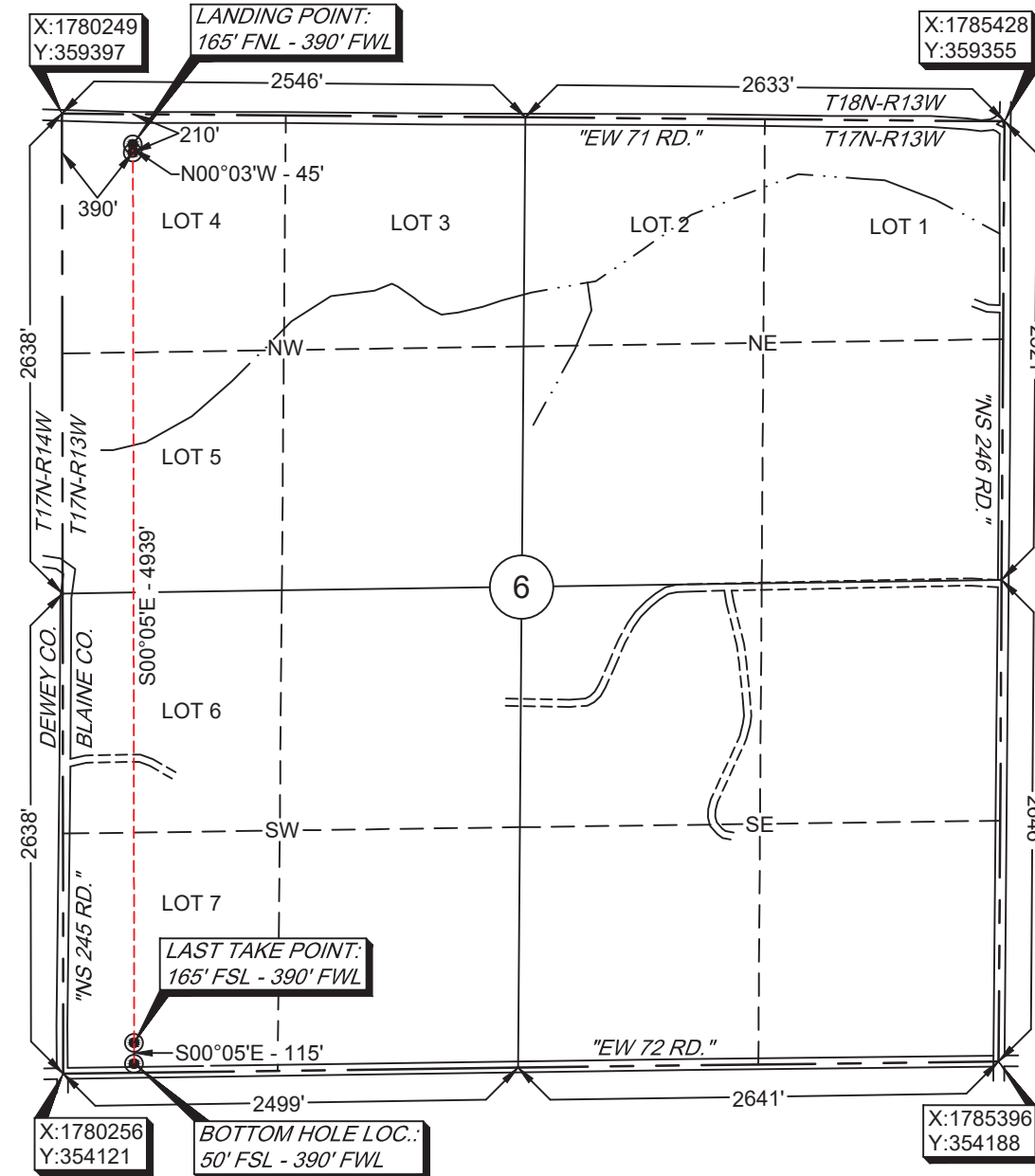
35-011-24215

Footage: 210' FNL - 390' FWL Gr. Elevation: 1750'

Section: 6 Township: 17N Range: 13W I.M.

County: Blaine State of Oklahoma

Terrain at Loc.: Location fell in a pasture, South and East of an existing fence.



GPS DATUM
NAD 83
OK NORTH ZONE

Surface Hole Loc.:
Lat: 35°59'06.13"N
Lon: 98°38'05.94"W
Lat: 35.98503654
Lon: -98.63498463
X: 1780639
Y: 359184

Landing Point:
Lat: 35°59'06.58"N
Lon: 98°38'05.95"W
Lat: 35.98516014
Lon: -98.63498577
X: 1780639
Y: 359229

Last Take:
Lat: 35°58'17.74"N
Lon: 98°38'05.48"W
Lat: 35.97159387
Lon: -98.63485438
X: 1780646
Y: 354291

Bottom Hole Loc.:
Lat: 35°58'16.60"N
Lon: 98°38'05.46"W
Lat: 35.97127794
Lon: -98.63485132
X: 1780646
Y: 354176

-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

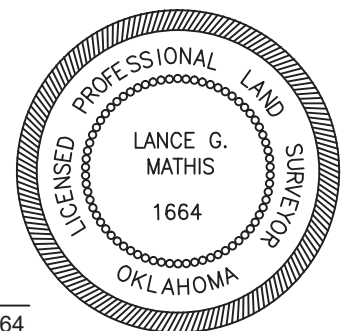
Certification:

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

02/05/19

OK LPLS 1664



Invoice #8478

Date Staked: 01/31/19 By: J.W.

Date Drawn: 02/01/18 By: J.H.