

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

API NUMBER: 011 24237

Approval Date: 08/15/2019

Expiration Date: 02/15/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

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

SPOT LOCATION:     FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 200 390

Lease Name: MOON DUCK Well No: 4-6H Well will be 200 feet from nearest unit or lease boundary.

Operator Name: ACACIA EXPLORATION PARTNERS LLC

Telephone: 9725562950

OTC/OCC Number: 24252 0

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

NOLA & GARY HAJNY  
P.O. BOX 146  
OAKWOOD OK 73658-

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: 201903570

Special Orders:

Total Depth: 15630

Ground Elevation: 1708

**Surface Casing: 1100**

Depth to base of Treatable Water-Bearing FM: 140

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 BED AQUIFER

Pit Location Formation: RUSH SPRINGS

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

PERMIT NO: 19-36883

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 BED AQUIFER

Pit Location Formation: RUSH SPRINGS

## HORIZONTAL HOLE 1

Sec 06 Twp 17N Rge 13W County BLAINE

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 390

Depth of Deviation: 9544

Radius of Turn: 475

Direction: 360

Total Length: 5340

Measured Total Depth: 15630

True Vertical Depth: 10597

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

### Notes:

#### Category

#### Description

#### DEEP SURFACE CASING

7/31/2019 - 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

7/30/2019 - 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)

#### INTERMEDIATE CASING

7/30/2019 - 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

7/30/2019 - 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.

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.

011 24237 MOON DUCK 4-6H

Category	Description
PENDING CD - 201903570	8/12/2019 - GC2 - (I.O.) 6-17N-13W X674517 MSSP, OTHERS COMPL. INT. NCT 165' FSL, NCT 165' FNL. NCT 330' FEL NO OP. NAMED REC 8-6-19 (MINMIER)
SPACING - 674517	8/12/2019 - GC2 - (640)(HOR) 6-17N-13W VAC 180294 CSTR, MSSLM VAC 269914 MSSLM, KDRK, OTHERS EXT 658277 MSSP, OTHERS POE TO BHL NLT 660' FB

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

Operator: ACACIA EXPLORATION PARTNERS, LLC

API: 011-24237

Lease Name and No.: MOON DUCK 4-6H

Footage: 200' FSL - 390' FEL Gr. Elevation: 1708'

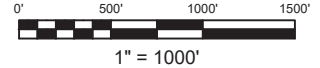
Section: 6 Township: 17N Range: 13W I.M.

County: Blaine State of Oklahoma

Terrain at Loc.: Location fell in a plowed field due North of an existing fence.



All bearings shown are grid bearings.



GPS DATUM  
NAD 83  
OK NORTH ZONE

Surface Hole Loc.:  
Lat: 35°58'18.93"N  
Lon: 98°37'12.42"W  
Lat: 35.97192394  
Lon: -98.62011638  
X: 1785007  
Y: 354383

Landing Point:  
Lat: 35°58'18.58"N  
Lon: 98°37'12.42"W  
Lat: 35.97182787  
Lon: -98.62011660  
X: 1785007  
Y: 354348

Last Take Point:  
Lat: 35°59'06.50"N  
Lon: 98°37'12.43"W  
Lat: 35.98513881  
Lon: -98.62012013  
X: 1785037  
Y: 359193

Bottom Hole Loc.:  
Lat: 35°59'07.64"N  
Lon: 98°37'12.43"W  
Lat: 35.98545473  
Lon: -98.62012021  
X: 1785038  
Y: 359308



-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

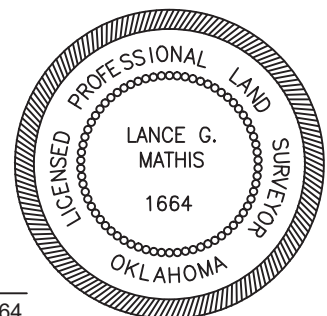
## Certification:

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*  
LANCE G. MATHIS

07/10/19

OK LPLS 1664



Invoice #8745

Date Staked: 07/08/19 By: J.W.

Date Drawn: 07/09/19 By: J.H.