

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

API NUMBER: 073 26598

Approval Date: 07/15/2019

Expiration Date: 01/15/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 15N Rge: 6W

County: KINGFISHER

SPOT LOCATION: ☐ SW ☐ SE ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 254 1680

Lease Name: VALHALLA 1506

Well No: 3-14MH

Well will be 254 feet from nearest unit or lease boundary.

Operator Name: OKLAHOMA ENERGY ACQUISITIONS LP

Telephone: 2815300991

OTC/OCC Number: 23509 0

OKLAHOMA ENERGY ACQUISITIONS LP  
15021 KATY FREEWAY STE 400  
HOUSTON, TX 77094-1900

WAYLAN SCOTT LANPHEAR  
4905 EASTMAN DRIVE  
OKLAHOMA CITY OK 73122

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	7834	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 651950

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201806000  
201806008  
201805999

Special Orders:

Total Depth: 12500

Ground Elevation: 1184

**Surface Casing: 500**

Depth to base of Treatable Water-Bearing FM: 90

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

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: 4000 Average: 1800

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BISON

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36790  
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 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.

# HORIZONTAL HOLE 1

Sec 14 Twp 15N Rge 6W County KINGFISHER

Spot Location of End Point: SE SW SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 823

Depth of Deviation: 6641

Radius of Turn: 573

Direction: 180

Total Length: 4959

Measured Total Depth: 12500

True Vertical Depth: 7834

End Point Location from Lease,  
Unit, or Property Line: 165

## Notes:

### Category

### Description

DEEP SURFACE CASING

7/10/2019 - 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

7/10/2019 - 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)

PENDING CD - 201806008

7/12/2019 - G58 - (I.O.) 14-15N-6W  
X651950 MSSP  
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FEL  
NO OP. NAMED  
REC 6/24/2019 (P. PORTER)

PENDING CD - 201905999

7/12/2019 - G58 - 14-15N-6W  
X651950 MSSP  
6 WELLS  
NO OP. NAMED  
REC 6/24/2019 (P. PORTER)

SPACING - 651950

7/12/2019 - G58 - (640)(HOR) 14-15N-6W  
VAC 55880/62761 & 150543 MSSLM NE4, S2 NW4, & S2 SE4  
VAC OTHER  
EST MSSP, OTHERS  
POE TO BHL NLT 660' FB  
(COEXIST SP. ORDERS 55880/62761 & 150543 MSSLM N2 NW4, SW4, N2 SE4)

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

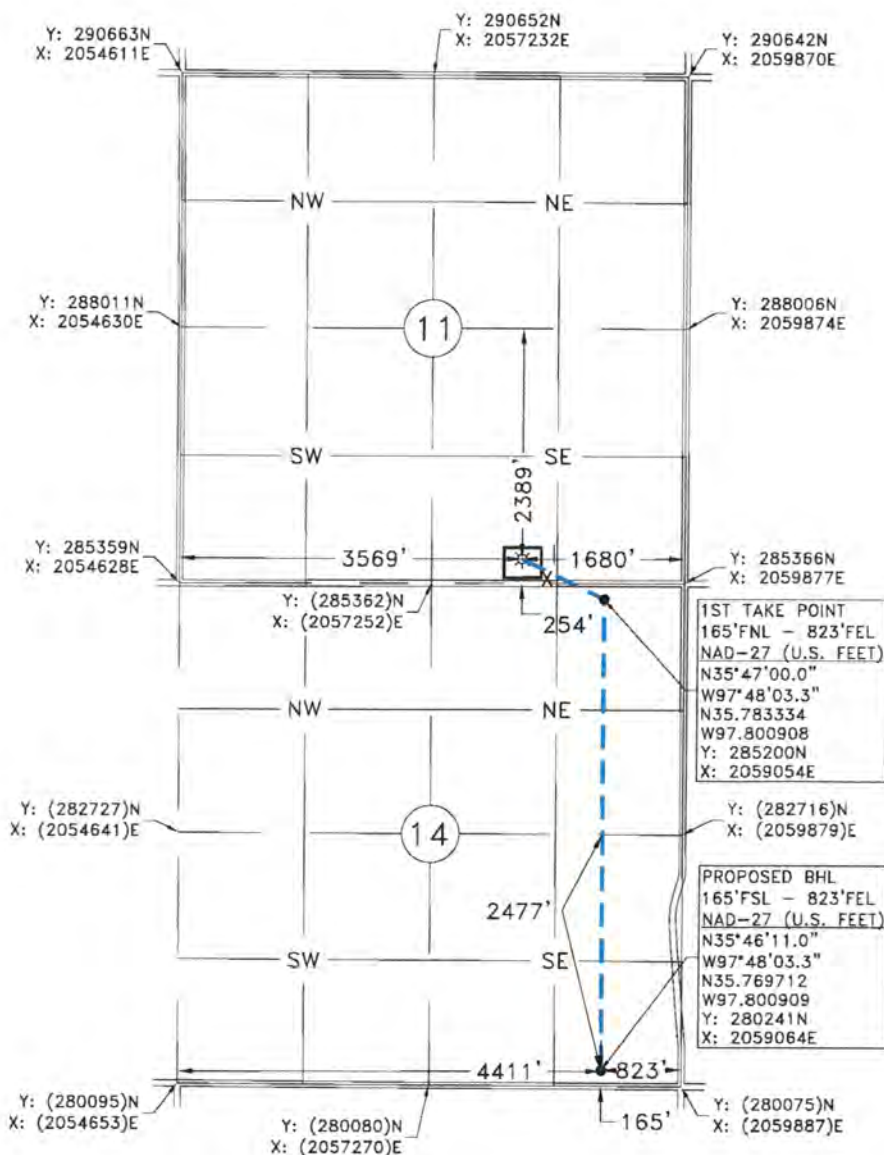
073 26598 VALHALLA 1506 3-14MH

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.

KINGFISHER County, Oklahoma  
254'FSL - 1680'FEL Section 11 Township 15N Range 06W I.M.

BEARINGS ARE GRID  
OKLAHOMA SPC, NAD 27, NORTH ZONE



GPS OBSERVATION: LATITUDE: N35°47'04.2"  
LONGITUDE: W97°48'13.7"  
LATITUDE: N35.784487  
LONGITUDE: W97.803795  
STATE PLANE NAD 27 Y: 285618N  
OKLAHOMA NORTH ZONE X: 2058197E

Operator: OKLAHOMA ENERGY ACQUISITIONS, LP Date Staked: 6/20/19  
Lease Name: VALHALLA 1506 Well No.: 3-14MH Elevation: 1184'  
Topography and Vegetation: WHEAT  
Good Drill Site? YES Reference or Alt. Location Stakes Set: NONE  
Best Accessibility to Location: FROM COUNTY ROAD

Distance and Direction  
from Hwy, Jct. or town: FROM CASHION, OK, HEAD WEST 4.8 MILES ON CO. RD. E0840, THEN SOUTH  
1.0 MILE ON CO. RD. N2940, THEN WEST 2.3 MILES ON CO. RD. E0850, TURN NORTH INTO LOCATION.

JOHN T. BIRKHAHN 6-28-2019  
JOHN T. BIRKHAHN  
OKLAHOMA L.P.L.S. NO.: 1738

NOTE:  
This is a plat of a proposed well location and does not represent a true boundary survey. The information shown hereon shall not be relied upon for the location or establishment of land boundary lines. All of the positions shown hereon have not been verified as being actual Section, Quarter or Property corners. Positions shown in (Parentheses) are based upon local occupation and improvements or calculated per proportional measurement and/or G.L.O. record distances. Review this plat and notify Gateway Services Group, LLC immediately of any possible discrepancy.



Gateway  
Gateway Services Group, LLC

PO. BOX 960  
MEEKER, OK 74855  
OFF. (405) 273-0954  
FAX (405) 273-0580  
C.A. NO. 4091 (LS)  
EXP. DATE 6-30-2020

EXHIBIT "A" PRELIMINARY  
VALHALLA 1506 3-14MH  
254'FSL - 1680'FEL  
SECTION 11, T 15 N - R 06 W, I.M.,  
KINGFISHER COUNTY, OKLAHOMA

REV.	DWN.	DESCRIPTION	DATE
1	ERW	REVISED SKID DIRECTION	6/26/19