

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

API NUMBER: 039 22558

Approval Date: 10/18/2018

Expiration Date: 04/18/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 15N Rge: 14W

County: CUSTER

SPOT LOCATION: ☐ SW ☐ SW ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 286 2389

Lease Name: BEDIVERE

Well No: 1-4-9XH

Well will be 286 feet from nearest unit or lease boundary.

Operator Name: EXCALIBUR RESOURCES LLC

Telephone: 4693172200

OTC/OCC Number: 23349 0

EXCALIBUR RESOURCES LLC  
12222 MERIT DR STE 1150  
DALLAS, TX 75251-2217

ROSS PICKENS  
P.O. BOX 114  
THOMAS OK 73669

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (LESS CHESTER)	13000	6	
2	MISSISSIPPIAN	13316	7	
3			8	
4			9	
5			10	

Spacing Orders: 681180  
684162

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201808310  
201808304  
201808299

Special Orders:

Total Depth: 21051

Ground Elevation: 1711

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 290

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: 50000 Average: 6000

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: 18-35511

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: 275000

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 09 Twp 14N Rge 14W County CUSTER

Spot Location of End Point: SW SW SW NE

Feet From: NORTH 1/4 Section Line: 2325

Feet From: EAST 1/4 Section Line: 2548

Depth of Deviation: 12962

Radius of Turn: 573

Direction: 182

Total Length: 7189

Measured Total Depth: 21051

True Vertical Depth: 14336

End Point Location from Lease,  
Unit, or Property Line: 2325

Notes:

Category

Description

DEEP SURFACE CASING

10/12/2018 - GA8 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

10/12/2018 - GA8 - 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

10/12/2018 - GA8 - 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

10/12/2018 - GA8 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS 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.

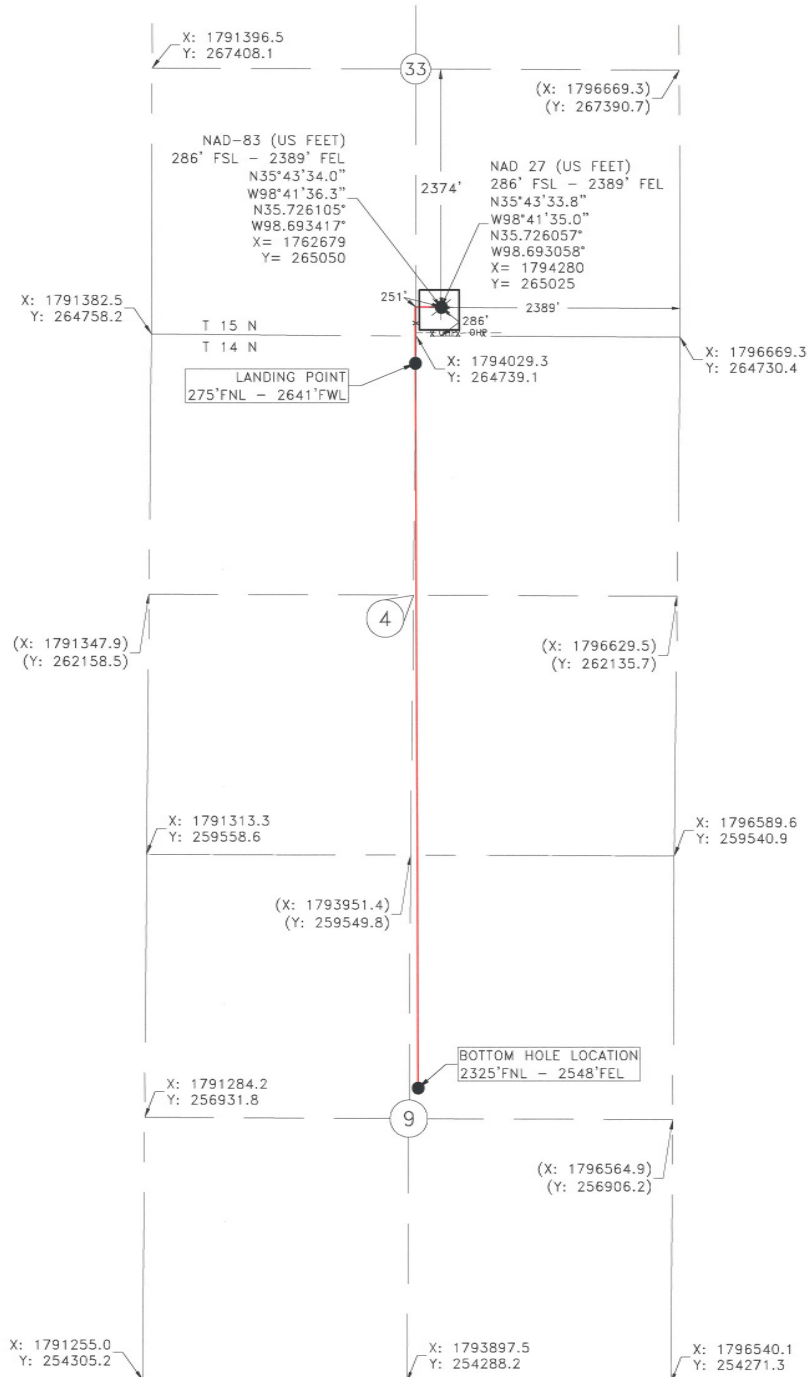
039 22558 BEDIVERE 1-4-9XH

Category	Description
PENDING CD - 201808299	10/15/2018 - G75 - (E.O.) 9-14N-14W X684162 MSSP 1 WELL EXCALIBUR RESOURCES, LLC REC 10-16-2018 (NORRIS)
PENDING CD - 201808304	10/15/2018 - G75 - (E.O.) 4 & 9-14N-14W X681180 MSNLC 4-14N-14W X684162 MSSP 9-14N-14W COMPL. INT. (4-14N-14W) NCT 165' FNL, NCT 0' FSL, NCT 1900' FEL & FWL COMPL. INT. (9-14N-14W) NCT 0' FNL, NCT 2640' FSL, NCT 1900' FEL & FWL EXCALIBUR RESOURCES, LLC REC 10-16-2018 (NORRIS)
PENDING CD - 201808310	10/15/2018 - G75 - (E.O.) 4 & 9-14N-14W EST MULTIUNIT HORIZONTAL WELL X681180 MSNLC 4-14N-14W X684162 MSSP 9-14N-14W 50% 4-14N-14W 50% 9-14N-14W EXCALIBUR RESOURCES, LLC REC 10-16-2018 (NORRIS)
SPACING - 681180	10/15/2018 - G75 - (640)(HOR) 4-14N-14W EST MSNLC, OTHER COMPL. INT. NLT 660' FB
SPACING - 684162	10/15/2018 - G75 - (640)(HOR) 9-14N-14W VAC 121743 CSTR EST MSSP, OTHER POE TO BHL NCT 660' FB
SURFACE CASING	10/12/2018 - GA8 - MINIMUM 500' PER ORDER NO. # 42589

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.

SECTION 33, T 15 N - R 14 W, I.M., SECTIONS 4 & 9, T 14 N - R 14 W, I.M.,  
CUSTER COUNTY, OKLAHOMABEARINGS ARE GRID  
OKLAHOMA SPC. NAD 27, NORTH ZONE

Operator: EXCALIBUR RESOURCES  
 Lease Name: BEDIVERE  
 Topography and Vegetation: PASTURE  
 Good Drill Site? YES Reference or Alt. Location Stakes Set: YES  
 Best Accessibility to Location: FROM COUNTY ROAD  
 Distance and Direction from Hwy. Jct. or town: FROM THOMAS HEAD SOUTH ON CO. RD. N2390 FOR 1 MILE, TURN EAST ON CO. RD. E0890 FOR 2.5 MILES, TURN NORTH INTO LOCATION.

Date Staked: 09/06/18  
 Well No.: 1-4-9XH Elevation: 1711'

*Kyle D. Adams*  
 KYLE D. ADAMS  
 OKLAHOMA P.L.S. NO.: 1944

NOTE:  
 This is a plot 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 plot and notify Gateway Services Group, LLC immediately of any possible discrepancy.



**Gateway**  
 Gateway Services Group, LLC  
 P.O. BOX 960  
 WEEKER, OK 74855  
 OFF. (405) 273-0834  
 FAX (405) 273-0880  
 C.A. NO. 4081 (LS)  
 EXP. DATE 6-30-2020

LEGEND  
 SURFACE LOCATION  
 EXISTING WELL (Z) BOTTOM HOLE/LANDING POINT (●)  
 PROPOSED DRILL PATH  
 EXISTING PIPELINE (---) (---) (---) (---) (---) (---)  
 ELECTRIC LINE (---) (---) (---) (---) (---) (---)  
 OVERHEAD POWER (---) (---) (---) (---) (---) (---)  
 FENCE (---) (---) (---) (---) (---) (---)

EXHIBIT "A" PRELIMINARY  
 EXCALIBUR RESOURCES  
 BEDIVERE 1-4-9XH  
 286' FSL - 2389' FEL  
 SECTION 33, T 15 N - R 14 W, I.M., CUSTER COUNTY, OKLAHOMA  
 SECTIONS 4 & 9, T 14 N - R 14 W, I.M., CUSTER COUNTY, OKLAHOMA  
 DRAWN BY: TLM DATE: 09/07/18 CHK'D: CWP  
 GATEWAY NO.: 18-0523-00184 SCALE: 1"=1200'  
 PAD#:  
 REV. DWN. DESCRIPTION DATE  
 1 TLM NAME CHANGE 09/11/18  
 2 TLM REVISION 9/14/18  
 3 TLM ADDED BORE PATH 10/15/18  
 4 CLC TOWNSHIP CORRECTION 10/17/18