

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

API NUMBER: 073 25303

Approval Date: 05/20/2016

Expiration Date: 11/20/2016

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 14 Twp: 17N Rge: 5W

County: KINGFISHER

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 126 1320

Lease Name: CALDWELL

Well No: 1-14H

Well will be 126 feet from nearest unit or lease boundary.

Operator Name: GULF EXPLORATION LLC

Telephone: 4058403371

OTC/OCC Number: 20983 0

GULF EXPLORATION LLC  
9701 N BROADWAY EXT  
OKLAHOMA CITY, OK 73114-6316

JANA CALDWELL C/O JOHN CALDWELL  
22948 EAST 710 ROAD  
DOVER OK 73734

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

	Name	Depth	Name	Depth
1	WOODFORD	7010	6	
2	HUNTON	7100	7	
3			8	
4			9	
5			10	

Spacing Orders: 647987

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201601441

Special Orders:

Total Depth: 11800

Ground Elevation: 1072

**Surface Casing: 420**

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: 6800 Average: 4300

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: 16-31265

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 17N Rge 5W County KINGFISHER

Spot Location of End Point: N2 N2 N2 NE

Feet From: SOUTH 1/4 Section Line: 2475

Feet From: WEST 1/4 Section Line: 1320

Depth of Deviation: 6500

Radius of Turn: 573

Direction: 360

Total Length: 4400

Measured Total Depth: 11800

True Vertical Depth: 7100

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

## Notes:

### Category

### Description

#### COMPLETION INTERVAL

5/20/2016 - G75 - GREATER THAN 165' FSL, GREATER THAN 165' FNL, GREATER THAN 330' FEL FOR WOODFORD PER OPERATOR

#### HYDRAULIC FRACTURING

5/19/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.

#### PENDING CD - 201601441

5/19/2016 - G75 - (I.O.) E2 14-17N-5W  
X647987 HNTN  
SHL NCT 50 FSL, NCT 330 FEL  
COMPL. INT. NCT 165 FSL, NCT 165 FNL, NCT 660 FEL  
BHL NCT 165 FNL, NCT 660 FEL  
NO OP. NAMED  
REC 5-3-2016 (DUNN)

#### SPACING - 647987

5/19/2016 - G75 - (320)(HOR) E2 14-17N-5W  
VAC 65198 HNTN E2  
EXT 630145 WDFD, HNTN  
COMPL. INT. (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL  
COMPL. INT. (HNTN) NCT 660' FB

#### SURFACE LOCATION

5/20/2016 - G75 - 126' FSL, 1320' FEL SE4 14-17N-5W PER STAKING PLAT

API 073-25303

SECTION 14, T 17 N - R 5 W, I.M.,  
KINGFISHER COUNTY, OKLAHOMAX: 2085358  
Y: 348087X: 2088038  
Y: 348177X: 2090720  
Y: 348244X: 2085406  
Y: 345470X: 2090751  
Y: 345614

14

CALDWELL 1-14H  
 DATUM: NAD-27  
 LAT: N35°56'31.5"  
 LONG: W97°41'52.1"  
 LAT: N35.942088  
 LONG: W97.697805  
 SPC (US FEET): OK-N  
 X: 2089456  
 Y: 343066






X: 2085458  
Y: 342831X: 2088117  
Y: 342903

CALDWELL 1-14H

X: 2090777  
Y: 342976Operator: GULF EXPLORATION, L.L.C.Date Staked: 4/7/2016Lease Name: CALDWELLWell No.: 1-14HElevation: 1072'Topography and Vegetation: PASTUREGood Drill Site? YESReference or Alt. Location Stakes Set: NONEBest Accessibility to Location: NORTH FROM COUNTY ROAD

Distance and Direction from Hwy. Jct. or town: FROM JCT. OF ST. HWY'S 73 & 74, GO WEST ON ST. HWY. 73 FOR 5.5 MILES, THEN SOUTH ON CO. RD. W02980 FOR 1 MILE, THEN WEST ON CO. RD. E0740 FOR 0.25 MILES, THEN NORTH TO LOCATION.

## LEGEND

SURFACE LOCATION   
 EXISTING PIPELINE   
 ELECTRIC LINE   
 OVERHEAD POWER   
 FENCE 

## Gulf Exploration, L.L.C.

9701 N. Broadway Ext.  
 Oklahoma City, OK 73114



Gateway Services Group, LLC

P.O. BOX 960  
 MEEKER, OK 74855  
 OFF. (405) 273-0954  
 FAX (405) 273-0580  
 C.A. NO. 4091 (LS)  
 EXP. DATE 8-30-2016

## EXHIBIT "A" PRELIMINARY

CALDWELL 1-14H  
 126' FSL - 1320' FEL  
 SE/4 SECTION 14, T 17 N - R 05 W, I.M.,  
 KINGFISHER COUNTY, OKLAHOMA

DRAWN BY: BDW DATE: 4/8/16 CHK'D: SNGATEWAY NO.: 16-0173-101 SCALE: 1"=1000'

PN#: \_\_\_\_\_ AFE#: \_\_\_\_\_

REV. DWN. DESCRIPTION DATE

BEARINGS ARE GRID  
 OKLAHOMA SPC, NAD 27, NORTH ZONE

  
 J. WYATT BISHOP  
 OKLAHOMA L.P.L.S. NO.: 1649

## 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.

