

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

API NUMBER: 011 23926 A

Approval Date: 01/23/2018  
Expiration Date: 07/23/2018

Horizontal Hole Oil & Gas

Amend reason: CORRECT WELL NUMBER

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 15N Rge: 12W

County: BLAINE

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 246 1841

Lease Name: SIMBA

Well No: 5-6-7XHM

Well will be 246 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC

Telephone: 4052349020; 4052349

OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC  
PO BOX 269000  
OKLAHOMA CITY, OK 73126-9000

GIDDEON ERIC COWAN  
27928 JONES ROAD  
GEARY OK 73040

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	12342	6	
2	WOODFORD	13122	7	
3			8	
4			9	
5			10	

Spacing Orders: 665391

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201708777  
201708778  
201708767  
201708768

Special Orders:

Total Depth: 22752

Ground Elevation: 1762

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 260

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: 8000 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)  
H. SEE MEMO

PERMIT NO: 17-33667

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 07 Twp 14N Rge 12W County BLAINE

Spot Location of End Point: S2 SW SW SE

Feet From: SOUTH 1/4 Section Line: 30

Feet From: EAST 1/4 Section Line: 2310

Depth of Deviation: 11537

Radius of Turn: 477

Direction: 175

Total Length: 10466

Measured Total Depth: 22752

True Vertical Depth: 13122

End Point Location from Lease,  
Unit, or Property Line: 30

### Notes:

#### Category

#### Description

#### DEEP SURFACE CASING

1/4/2018 - 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

1/4/2018 - 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

1/4/2018 - 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

1/5/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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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 23926 SIMBA 5-6-7XHM

Category	Description
PENDING CD - 201708767	1/5/2018 - G58 - (I.O.) 6-14N-12W X665391 MSSP 5 WELLS NO OP. NAMED REC 1/23/2018 (NORRIS)
PENDING CD - 201708768	1/5/2018 - G58 - (I.O.) 7-14N-12W X665391 MSSP 5 WELLS NO OP. NAMED REC 1/23/2018 (NORRIS)
PENDING CD - 201708777	1/5/2018 - G58 - (I.O.) 6 & 7-14N-12W EST MULTIUNIT HORIZONTAL WELL X665391 MSSP, WDFD (WDFD IS ADJACENT COMMON SOURCE OF SUPPLY TO MSSP) 50% 6-14N-12W 50% 7-14N-12W NO OP. NAMED REC 1/23/2018 (NORRIS)
PENDING CD - 201708778	1/5/2018 - G58 - (I.O.) 6 & 7-14N-12W X665391 MSSP, WDFD COMPL. INT. (6-14N-12W) NCT 150' FNL, NCT 0' FSL, NCT 1320' FEL COMPL. INT. (7-14N-12W) NCT 0' FNL, NCT 150' FSL, NCT 1320' FEL NO OP. NAMED REC 1/23/2018 (NORRIS)

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