

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

API NUMBER: 051 24320 A

Approval Date: 04/06/2018

Expiration Date: 10/06/2018

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: AMEND LOCATION EXCEPTION ORDER, UPDATE
ORDERS, UPDATE BHL INFO

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 7N Rge: 6W

County: GRADY

SPOT LOCATION: ☐ NE ☐ NE ☐ NW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 323 1608

Lease Name: LOWERS

Well No: 5-14-11-2XHS

Well will be 323 feet from nearest unit or lease boundary.

Operator CONTINENTAL RESOURCES INC
Name:

Telephone: 4052349020; 4052349

OTC/OCC Number: 3186 0

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

WARD H. & SHELLEY A. HILL
2238 COUNTY STREET 2920
CHICKASHA OK 73018

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

	Name	Depth	Name	Depth
1	GODDARD	11680	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 568015
564117
697742

Location Exception Orders: 694490

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 18228

Ground Elevation: 1177

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 390

Deep surface casing has been approved

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: 3000 Average: 2000

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: CHICKASHA

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

PERMIT NO: 18-34184

H. SEE MEMO

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

The duration of this permit is 18 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 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: CHICKASHA

HORIZONTAL HOLE 1

Sec 11 Twp 7N Rge 6W County GRADY

Spot Location of End Point: NW NE SE SE

Feet From: SOUTH 1/4 Section Line: 1017

Feet From: EAST 1/4 Section Line: 587

Depth of Deviation: 11252

Radius of Turn: 691

Direction: 359

Total Length: 5890

Measured Total Depth: 18228

True Vertical Depth: 11820

End Point Location from Lease,
Unit, or Property Line: 587

Notes:

Category

Description

DEEP SURFACE CASING

3/30/2018 - 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

3/30/2018 - 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; 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

LOCATION EXCEPTION - 694490

10/2/2019 - G56 - (F.O.) 14, 11 & 2-7N-6W

X568015 GDRD 14-7N-6W

X564117 GDRD 11-7N-6W

COMPL INT (14-7N-6W) FIRST PERF 185' FSL, 629' FEL; LAST PERF 21' FNL, 602' FEL

COMPL INT (11-7N-6W) FIRST PERF 20' FSL, 598' FEL; LAST PERF 763' FSL, 587' FEL

NO OP NAMED

4/11/2019

MEMO

3/30/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 564117

10/2/2019 - G56 - (640) 11-7N-6W

EST GDRD, OTHERS

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

051 24320 LOWERS 5-14-11-2XHS

The duration of this permit is 18 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.

SPACING - 568015

10/2/2019 - G56 - (640) 14-7N-6W
EXT OTHER
EST GDRD, OTHERS

SPACING - 697742

10/2/2019 - G56 - (F.O.) 14, 11, 2-7N-6W
EST MULTIUNIT HORIZONTAL WELL
X568015 GDRD, CNEY 14-7N-6W
X564117 GDRD, CNEY 11-7N-6W
87.01% 14-7N-6W
12.99% 11-7N-6W
CONTINENTAL RESOURCES, INC.
6/14/2019

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