

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

API NUMBER: 051 24543

Approval Date: 01/08/2019

Expiration Date: 07/08/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 6N Rge: 5W

County: GRADY

SPOT LOCATION: ☐ SW ☐ NE ☐ NE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2085 2050

Lease Name: HANSELL

Well No: 4-3-34XHW

Well will be 2050 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 268870
OKLAHOMA CITY, OK 73126-9000

BEVERLY JEAN ADKINS TRUST
PO BOX 860491
PLANO TX 75086

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	11681	6	
2	WOODFORD	11806	7	
3	HUNTON	11983	8	
4			9	
5			10	

Spacing Orders: 188337
581296
150355
595712

Location Exception Orders:

Increased Density Orders: 689322
689321

Pending CD Numbers: 201809139
201809140

Special Orders:

Total Depth: 20146

Ground Elevation: 1166

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 450

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

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

PERMIT NO: 18-35596

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: 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 BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 34 Twp 7N Rge 5W County GRADY

Spot Location of End Point: NW NW NW NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 2593

Depth of Deviation: 11371

Radius of Turn: 487

Direction: 3

Total Length: 8009

Measured Total Depth: 20146

True Vertical Depth: 11983

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

11/20/2018 - 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

11/20/2018 - 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

INCREASED DENSITY - 689321

1/8/2019 - G56 - 3-6N-5W
X581296 WDFD
4 WELLS
CONTINENTAL RESOURCES, INC
1/7/2019

INCREASED DENSITY - 689322

1/8/2019 - G56 - 34-7N-5W
X595712 WDFD
4 WELLS
CONTINENTAL RESOURCES, INC
1/7/2019

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.

051 24543 HANSELL 4-3-34XHW

Category	Description
MEMO	11/20/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201809139	1/8/2019 - G56 - (I.O.) 3-6N-5W & 34-7N-5W ESTABLISH MULTIUNIT HORIZONTAL WELL X150355 HNTN 34-7N-5W X188337 MSSP 3-6N-5W & 34-7N-5W; HNTN 3-6N-5W X581296 WDFD 3-6N-9W X595712 WDFD 34-7N-5W (MSSP, HNTN ARE ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 35% 3-6N-5W 65% 34-7N-5W CONTINENTAL RESOURCES, INC. REC 11/27/2018 (NORRIS)
PENDING CD - 201809140	1/8/2019 - G56 - (I.O.) 3-6N-5W & 34-7N-5W X150355 HNTN 34-7N-5W X188337 MSSP 3-6N-5W & 34-7N-5W; HNTN 3-6N-5W X581296 WDFD 3-6N-9W X595712 WDFD 34-7N-5W X165:10-3-28(C)(2)(B) WDFD MAY BE CLOSER THAN 600' TO GOOD MARTIN 4-10-3XH AND GOOD MARTIN 5-10-3XH WELLS COMPL INT (3-6N-5W) NCT 150' FSL, NCT 0' FNL, NCT 1980' FEL COMPL INT (34-7N-5W) NCT 0' FSL, NCT 150' FNL, NCT 1980' FEL NO OP NAMED REC 11/27/2018 (NORRIS)
SPACING - 150355	1/8/2019 - G56 - (640) 34-7N-5W VAC OTHERS EXT OTHERS EST OTHERS EXT 131103 HNTN, OTHERS
SPACING - 188337	1/8/2019 - G56 - (640) 3-6N-5W & 34-7N-5W EXT OTHERS EST OTHER EXT 106361 HNTN, OTHERS 3-6N-5W EXT 147146 MSSP, OTHER 34-7N-5W
SPACING - 581296	1/8/2019 - G56 - (640) 3-6N-5W EXT 147146 WDFD, OTHERS
SPACING - 595712	1/8/2019 - G56 - (640) 34-7N-5W EXT 581296 WDFD, OTHER