

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

API NUMBER: 051 24594

Approval Date: 03/27/2019

Expiration Date: 09/27/2020

Horizontal Hole  
Multi Unit  
Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 6N Rge: 6W

County: GRADY

SPOT LOCATION: ☐ NW ☐ SW ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 400 1600

Lease Name: EWING

Well No: 8-13-12XHS

Well will be 400 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

MARK & DEBRA EWING  
2574 COUNTY ST. 2910  
BLANCHARD OK 73010

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

Name	Depth	Name	Depth
1 SPRINGER	13083	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 153801

Location Exception Orders:

Increased Density Orders: 689873

Pending CD Numbers: 201900782  
201900783

Special Orders:

Total Depth: 20853

Ground Elevation: 1152

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 590

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)  
H. SEE MEMO

PERMIT NO: 19-36316

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 12 Twp 6N Rge 6W County GRADY

Spot Location of End Point: E2 E2 W2 W2

Feet From: SOUTH 1/4 Section Line: 2640

Feet From: WEST 1/4 Section Line: 1046

Depth of Deviation: 12440

Radius of Turn: 409

Direction: 356

Total Length: 7770

Measured Total Depth: 20853

True Vertical Depth: 13083

End Point Location from Lease,  
Unit, or Property Line: 1046

### Notes:

#### Category

#### Description

DEEP SURFACE CASING

3/4/2019 - G71 - 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

3/4/2019 - 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)

INCREASED DENSITY - 689873

3/19/2019 - G75 - 12-6N-6W  
X153801 SPRG  
5 WELLS  
NO OP. NAMED  
1-16-2019

MEMO

3/4/2019 - G71 - 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.

051 24594 EWING 8-13-12XHS

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.

Category	Description
PENDING CD - 201900782	3/19/2019 - G75 - (I.O.) 13 & 12-6N-6W EST MULTIUNIT HORIZONTAL WELL X153801 SPRG 67% 13-6N-6W 33% 12-6N-6W CONTINENTAL RESOURCES, INC. REC 2-22-2019 (DENTON)
PENDING CD - 201900783	3/19/2019 - G75 - (I.O.) 13 & 12-6N-6W X153801 SPRG X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO WHEELER FARMS 1-25-36-1-12XHS COMPL. INT. (13-6N-6W) NCT 150' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (12-6N-6W) NCT 0' FSL, NCT 1320' FNL, NCT 330' FWL CONTINENTAL RESOURCES, INC. REC 2-22-2019 (DENTON)
SPACING - 153801	3/19/2019 - G75 - (640) 12 & 13-6N-6W EXT OTHERS EXT 106361/147146 SPRG, OTHERS

EXHIBIT: A (1 of 2)  
SHEET: 8.5x11  
SHL: 13-6N-6W  
BHL-8 12-6N-6W



API 051-24594

## COVER SHEET

### CONTINENTAL RESOURCES, INC.

P.O. BOX 26900 OKLAHOMA CITY, OK 73126 \* (T) 1-800-256-8955 (F) 405-234-9253

Section 13 Township 6N Range 6W I.M.

Well: EWING 8-13-12XHS

County GRADY State OK

Well: --

Operator CONTINENTAL RESOURCES, INC.

#### NAD-83

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W8	EWING 8-13-12XHS	601900	2031853	34° 59' 13.40" -97° 47' 18.59"	34.987057 -97.788497	400' FSL / 1600' FWL (SW/4 SEC 13)	1152.28'	1151.95'
LP-8	LANDING POINT	601898	2031299	34° 59' 13.39" -97° 47' 25.24"	34.987053 -97.790346	400' FSL / 1046' FWL (SW/4 SEC 13)	--	--
BHL-8	BOTTOM HOLE LOCATION	609429	2031293	35° 00' 27.89" -97° 47' 25.13"	35.007746 -97.790315	2640' FSL / 1046' FWL (SW/4 SEC 12)	--	--
X-1	EWING #1-13-12XH	601832	2031148	34° 59' 12.75" -97° 47' 27.06"	34.986874 -97.790850	13-6N-6W:   TD: 23,600'   335' FSL / 895' FWL	--	--

#### NAD-27

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W8	EWING 8-13-12XHS	601858	2063450	34° 59' 13.16" -97° 47' 17.44"	34.986989 -97.788179	400' FSL / 1600' FWL (SW/4 SEC 13)	1152.28'	1151.95'
LP-8	LANDING POINT	601856	2062896	34° 59' 13.15" -97° 47' 24.10"	34.986985 -97.790028	400' FSL / 1046' FWL (SW/4 SEC 13)	--	--
BHL-8	BOTTOM HOLE LOCATION	609387	2062889	35° 00' 27.64" -97° 47' 23.99"	35.007679 -97.789997	2640' FSL / 1046' FWL (SW/4 SEC 12)	--	--
X-1	EWING #1-13-12XH	601790	2062745	34° 59' 12.50" -97° 47' 25.92"	34.986806 -97.790532	13-6N-6W:   TD: 23,600'   335' FSL / 895' FWL	--	--

Certificate of Authorization No. 7318

Date Staked: \*\*--19  
Date Drawn: 2-25-19



Prepared By:  
Petro Land Services South  
10400 Vineyard Blvd.  
Suite C  
Oklahoma City, OK 73120

#### REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	2-25-19	HOG	ISSUED FOR APPROVAL	--

