

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

API NUMBER: 051 24595

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: ☐ NE ☐ SE ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 355 1547

Lease Name: EWING

Well No: 9-13-12XHS

Well will be 355 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

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

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

Name	Depth	Name	Depth
1 SPRINGER	12958	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 153801

Location Exception Orders:

Increased Density Orders: 689873

Pending CD Numbers: 201900788
201900786
201900787

Special Orders:

Total Depth: 20123

Ground Elevation: 1128

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 570

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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

PERMIT NO: 19-36317

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 12 Twp 6N Rge 6W County GRADY

Spot Location of End Point: E2 E2 W2 E2

Feet From: SOUTH 1/4 Section Line: 2640

Feet From: EAST 1/4 Section Line: 1383

Depth of Deviation: 12315

Radius of Turn: 409

Direction: 5

Total Length: 7165

Measured Total Depth: 20123

True Vertical Depth: 12958

End Point Location from Lease,
Unit, or Property Line: 1383

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; 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 - 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 24595 EWING 9-13-12XHXS

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 - 201900786	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 - 201900787	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 3-36-1-12XHS COMPL. INT. (13-6N-6W) NCT 150' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (12-6N-6W) NCT 0' FSL, NCT 1320' FNL, NCT 330' FEL CONTINENTAL RESOURCES, INC. REC 2-22-2019 (DENTON)
PENDING CD - 201900788	3/19/2019 - G75 - 13-6N-6W X153801 SPRG 2 WELLS NO OP. NAMED 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-9 12-6N-6W



API 051-24595

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 9-13-12XHS

County GRADY State OK

Well: --

Operator CONTINENTAL RESOURCES, INC.

NAD-83

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W9	EWING 9-13-12XHS	601863	2033983	34° 59' 12.99" -97° 46' 52.99"	34.986942 -97.781385	355' FSL / 1547' FEL (SE/4 SEC 13)	1130.12'	1127.57'
LP-9	LANDING POINT	601863	2034147	34° 59' 12.99" -97° 46' 51.02"	34.986942 -97.780839	355' FSL / 1383' FEL (SE/4 SEC 13)	--	--
BHL-9	BOTTOM HOLE LOCATION	609441	2034140	35° 00' 27.94" -97° 46' 50.91"	35.007762 -97.780807	2640' FSL / 1383' FEL (SE/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
W9	EWING 9-13-12XHS	601821	2065580	34° 59' 12.75" -97° 46' 51.84"	34.986874 -97.781068	355' FSL / 1547' FEL (SE/4 SEC 13)	1130.12'	1127.57'
LP-9	LANDING POINT	601822	2065743	34° 59' 12.75" -97° 46' 49.88"	34.986874 -97.780521	355' FSL / 1383' FEL (SE/4 SEC 13)	--	--
BHL-9	BOTTOM HOLE LOCATION	609399	2065737	35° 00' 27.70" -97° 46' 49.76"	35.007695 -97.780490	2640' FSL / 1383' FEL (SE/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	HDG	ISSUED FOR APPROVAL	--

