

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

API NUMBER: 011 24194

Approval Date: 03/18/2019

Expiration Date: 09/18/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 13N Rge: 12W

County: BLAINE

SPOT LOCATION: ☐ SW ☐ NW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 341 2405

Lease Name: **DONNE FIU**

Well No: **1-29-32XHM**

Well will be **341** 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

MARC C & DONNE L MCKINLEY
95954 NORTH 2503 ROAD
GEARY OK 73040

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	14437	6	
2	WOODFORD	15137	7	
3			8	
4			9	
5			10	

Spacing Orders: 586090
655586

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201900635
201900634

Special Orders:

Total Depth: 24930

Ground Elevation: 1447

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 220

Under Federal Jurisdiction: Yes

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: 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 **ALLUVIAL**

Pit Location Formation: **ALLUVIUM**

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

PERMIT NO: 19-36258

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 32 Twp 13N Rge 12W County BLAINE

Spot Location of End Point: SE SE SE SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 2450

Depth of Deviation: 14015

Radius of Turn: 409

Direction: 185

Total Length: 10273

Measured Total Depth: 24930

True Vertical Depth: 15137

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

Notes:

Category

Description

DEEP SURFACE CASING

2/19/2019 - 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

2/19/2019 - 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

MEMO

2/19/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

Category	Description
PENDING CD - 201900634	3/18/2019 - G58 - (I.O.) 29 & 32-13N-12W EST MULTIUNIT HORIZONTAL WELL X586090 MSSP, WDFD X655586 MSSP, WDFD (WDFD IS ADJACENT CSS TO MSSP) 50% 29-13N-12W 50% 32-13N-12W NO OP. NAMED REC 2/19/2019 (M. NORRIS)
PENDING CD - 201900635	3/18/2019 - G58 - (I.O.) 29 & 32-13N-12W X586090 MSSP, WDFD X655586 MSSP, WDFD COMPL. INT. 29-13N-12W NCT 150' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. 32-13N-12W NCT 0' FNL, NCT 150' FSL, NCT 330' FWL NO OP. NAMED REC 2/19/2019 (M. NORRIS)
SPACING - 586090	3/18/2019 - G58 - (640) 29-13N-12W EXT 584299 MSSP, WDFD, OTHER
SPACING - 655586	3/18/2019 - G58 - (640) 32-13N-12W VAC OTHERS EST OTHERS EXT 586090 MSSP, WDFD, OTHER

EXHIBIT: A (1 of 2)
SHEET: 8.5x11
SHL: 29-13N-12W
BHL-1 32-13N-12W



011-24194

COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 29 Township 13N Range 12W I.M.

Well: DONNE FIU 1-29-32XHM

County BLAINE State OK

Well: --

Operator CONTINENTAL RESOURCES, INC.

NAD-83							EXISTING ELEVATION	DESIGN ELEVATION
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE			
W1	DONNE FIU 1-29-32XHM	211473	1820341	35° 34' 47.63" -98° 29' 53.63"	35.579896 -98.498230	341' FNL / 2405' FEL (NE/4 SEC 29)	1446.92'	N/A
LP-1	LANDING POINT	211472	1819927	35° 34' 47.59" -98° 29' 58.64"	35.579885 -98.499621	341' FNL / 2450' FWL (NW/4 SEC 29)	--	--
BHL-1	BOTTOM HOLE LOCATION	201199	1819735	35° 33' 05.99" -98° 30' 00.32"	35.551663 -98.500090	50' FSL / 2450' FWL (SW/4 SEC 32)	--	--
X-1	FRANK #1	208488	1820736	35° 34' 18.12" -98° 29' 48.66"	35.571699 -98.496851	29-13N-12W: TD: 12,590' 1,980' FSL / 1,995' FEL	--	--
X-2	WILLIAM J. REED #1-29	207447	1818343	35° 34' 07.70" -98° 30' 17.56"	35.568807 -98.504878	29-13N-12W: TD: 11,500' 990' FSL / 990' FWL	--	--
X-3	REED FARMS #1-29	207691	1818419	35° 34' 10.12" -98° 30' 16.66"	35.569477 -98.504628	29-13N-12W: TD: 11,300' 1,232' FSL / 1,058' FWL	--	--
X-4	TALKINGTON #1-29	206903	1822203	35° 34' 02.52" -98° 29' 30.81"	35.567367 -98.491891	29-13N-12W: TD: 11,626' 365' FSL / 516' FEL	--	--
X-5	FIRE CANYON RANCH FIU	211573	1820342	35° 34' 48.61" -98° 29' 53.63"	35.580170 -98.498229	29-13N-12W: TD: 24,638' 240' FNL / 2,405' FEL	--	--
X-6	WINTER #1	203595	1818629	35° 33' 29.63" -98° 30' 13.86"	35.558229 -98.503850	32-13N-12W: TD: 11,650' 2,440' FSL / 1,320' FWL	--	--
X-7	LAUBHAN FRIESEN #1-32	205494	1818020	35° 33' 48.37" -98° 30' 21.35"	35.563436 -98.505931	32-13N-12W: TD: 11,397' 956' FNL / 702' FWL	--	--

NAD-27							EXISTING ELEVATION	DESIGN ELEVATION
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE			
W1	DONNE FIU 1-29-32XHM	211449	1851940	35° 34' 47.45" -98° 29' 52.38"	35.579846 -98.497883	341' FNL / 2405' FEL (NE/4 SEC 29)	1446.92'	N/A
LP-1	LANDING POINT	211447	1851527	35° 34' 47.41" -98° 29' 57.39"	35.579835 -98.499275	341' FNL / 2450' FWL (NW/4 SEC 29)	--	--
BHL-1	BOTTOM HOLE LOCATION	201175	1851334	35° 33' 05.80" -98° 29' 59.08"	35.551612 -98.499744	50' FSL / 2450' FWL (SW/4 SEC 32)	--	--
X-1	FRANK #1	208463	1852335	35° 34' 17.94" -98° 29' 47.42"	35.571649 -98.496505	29-13N-12W: TD: 12,590' 1,980' FSL / 1,995' FEL	--	--
X-2	WILLIAM J. REED #1-29	207422	1849942	35° 34' 07.52" -98° 30' 16.31"	35.568756 -98.504531	29-13N-12W: TD: 11,500' 990' FSL / 990' FWL	--	--
X-3	REED FARMS #1-29	207666	1850018	35° 34' 09.93" -98° 30' 15.41"	35.569426 -98.504282	29-13N-12W: TD: 11,300' 1,232' FSL / 1,058' FWL	--	--
X-4	TALKINGTON #1-29	206879	1853802	35° 34' 02.34" -98° 29' 29.56"	35.567317 -98.491546	29-13N-12W: TD: 11,626' 365' FSL / 516' FEL	--	--
X-5	FIRE CANYON RANCH FIU	211549	1851941	35° 34' 48.43" -98° 29' 52.38"	35.580120 -98.497883	29-13N-12W: TD: 24,638' 240' FNL / 2,405' FEL	--	--
X-6	WINTER #1	203571	1850228	35° 33' 29.44" -98° 30' 12.61"	35.558179 -98.503504	32-13N-12W: TD: 11,650' 2,440' FSL / 1,320' FWL	--	--
X-7	LAUBHAN FRIESEN #1-32	205469	1849619	35° 33' 48.19" -98° 30' 20.10"	35.563385 -98.505585	32-13N-12W: TD: 11,397' 956' FNL / 702' FWL	--	--

Certificate of Authorization No. 7318

Date Staked: **--19
Date Drawn: 01-23-19



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

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	01-23-19	TJW	ISSUED FOR APPROVAL	--

EXHIBIT: A (2 of 2)
SHEET: 8.5x14
SHL: 29-13N-12W
BHL-1 32-13N-12W

PETRO LAND SERVICES SOUTH, LLC

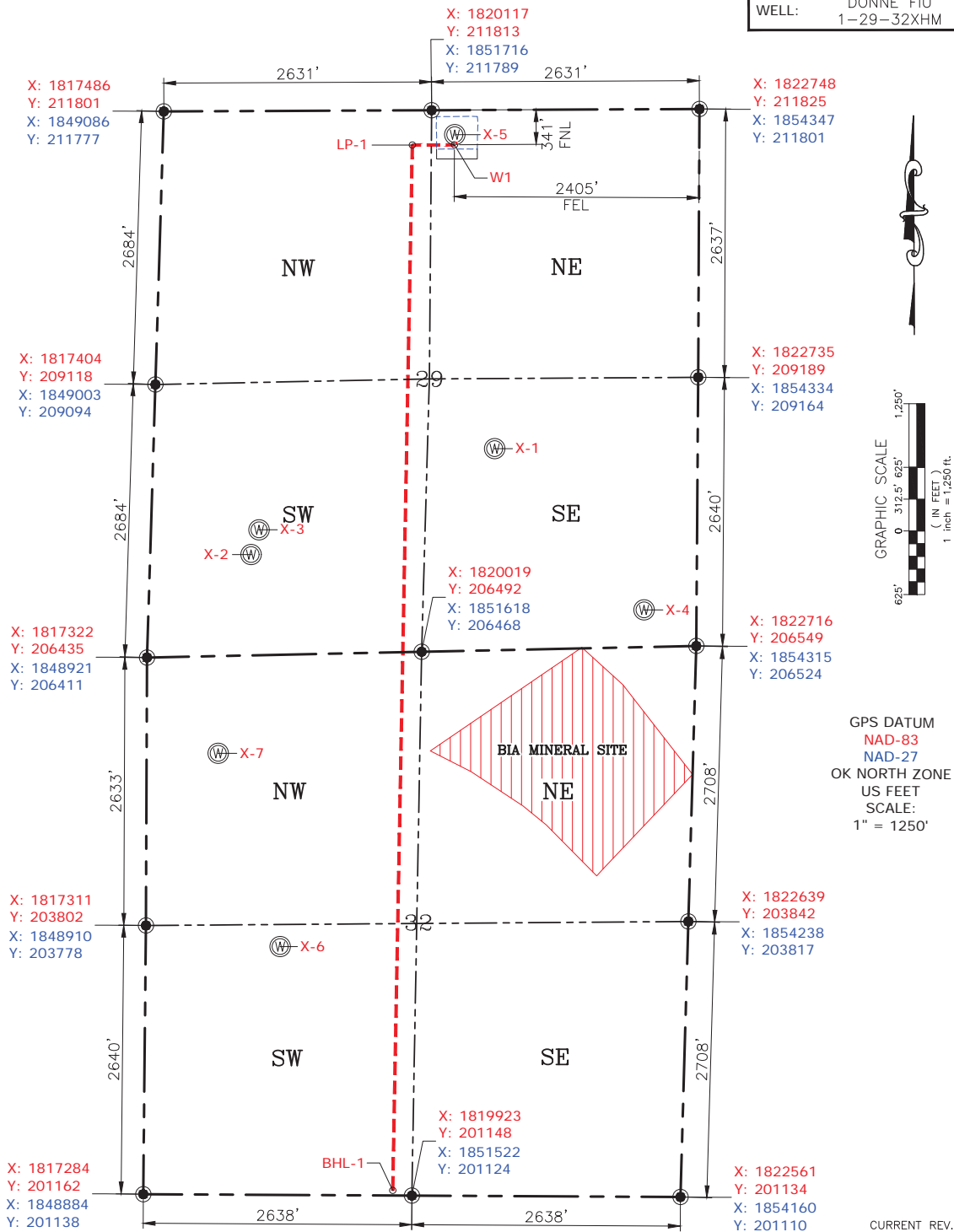
10400 VINEYARD BLVD, SUITE C, OKLA. CITY, OKLA. 73120 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318



CONTINENTAL
RESOURCES, INC.
(OPERATOR)

BLAINE _____ County Oklahoma
341' FNL-2405' FEL Section 29 Township 13N Range 12W I.M.

WELL: DONNE FIU
1-29-32XHM



Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact PLS promptly if any inconsistency is determined. GPS data is observed from RTK-GPS. NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey. Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true Boundary Survey.

PLS does not accept or assume responsibility for the boundary depicted as "BIA Mineral Site" on this sheet.

CERTIFICATE:

I, RANDALL J. BILYEU an Oklahoma Licensed Land Surveyor and an authorized agent of Petro Land Services South, LLC, do hereby certify to the information shown herein.



Randall J. Bilyeu

Oklahoma PLS No.1196 DATE _____