

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

API NUMBER: 051 24394

Approval Date: 06/22/2018

Expiration Date: 12/22/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 7N Rge: 6W

County: GRADY

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 214 2217

Lease Name: ROBINSON

Well No: 5R-15-10XHS

Well will be 214 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

NORMAN G. SLOAN  
11434 S. YALE  
TULSA OK 74137

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

	Name	Depth	Name	Depth
1	SPRINGER	11925	6	
2	GODDARD	12090	7	
3			8	
4			9	
5			10	

Spacing Orders: 573836  
595266

Location Exception Orders:

Increased Density Orders: 678361  
678360

Pending CD Numbers: 201802750  
201802751

Special Orders:

Total Depth: 22146

Ground Elevation: 1107

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 490

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: 18-34198

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 10 Twp 7N Rge 6W County GRADY

Spot Location of End Point: N2 N2 NW NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 1980

Depth of Deviation: 11662

Radius of Turn: 382

Direction: 5

Total Length: 9884

Measured Total Depth: 22146

True Vertical Depth: 12090

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

Notes:

Category

Description

DEEP SURFACE CASING

6/22/2018 - 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

6/22/2018 - 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](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 - 678360

6/22/2018 - G75 - 10-7N-6W  
X573836 GDRD  
3 WELLS  
CONTINENTAL RESOURCES, INC.  
5-25-2018

INCREASED DENSITY - 678361

6/22/2018 - G75 - 15-7N-6W  
X595266 SPRG  
3 WELLS  
CONTINENTAL RESOURCES, INC.  
5-25-2018

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 24394 ROBINSON 5R-15-10XHS

Category	Description
MEMO	6/22/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
PENDING CD - 201802750	6/22/2018 - G75 - (I.O.) 15 & 10-7N-6W EST MULTIUNIT HORIZONTAL WELL X595266 SPRG 15-7N-6W X573836 GDRD 10-7N-6W 50% 15-7N-6W 50% 10-7N-6W CONTINENTAL RESOURCES, INC. REC 4-30-2018 (P. PORTER)
PENDING CD - 201802751	6/22/2018 - G75 - (I.O.) 15 & 10-7N-6W X595266 SPRG 15-7N-6W X573836 GDRD 10-7N-6W COMPL. INT. (15-7N-6W) NCT 150' FSL, NCT 0' FNL, NCT 1320' FEL COMPL. INT. (10-7N-6W) NCT 0' FSL, NCT 150' FNL, NCT 1320' FEL CONTINENTAL RESOURCES, INC. REC 4-30-2018 (P. PORTER)
SPACING - 573836	6/22/2018 - G75 - (640) 10-7N-6W EXT OTHERS EST GDRD, OTHERS
SPACING - 595266	6/22/2018 - G75 - (640) 15-7N-6W EST OTHERS EXT OTHERS EXT 172459 SPRG, OTHERS

EXHIBIT: A (1 of 2)  
SHEET: 8.5x11  
SHL: 15-07N-06W  
BHL: 10-07N-06W



API 051-24394

## COVER SHEET

### CONTINENTAL RESOURCES, INC.

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

Section 15 Township 07N Range 06W I.M.

Well: ROBINSON 5R-15-10XHS

County GRADY State OK

Well: --

Operator CONTINENTAL RESOURCES, INC.

#### NAD-83

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W5	ROBINSON 5R-15-10XHS	633417	2022688	35° 04' 25.31" -97° 49' 08.06"	35.073698 -97.818906	214' FSL / 2,217' FEL (SE/4 SEC 15)	1106.79	1107.70
LP-5	LANDING POINT	633768	2022924	35° 04' 28.78" -97° 49' 05.21"	35.074661 -97.818114	564' FSL / 1,980' FEL (SE/4 SEC 15)	--	--
BHL-5	BOTTOM HOLE LOCATION	643719	2022878	35° 06' 07.20" -97° 49' 05.55"	35.102001 -97.818210	50' FNL / 1,980' FEL (NE/4 SEC 10)	--	--
X-1	WILLIAMS #1	639138	2021594	35° 05' 21.92" -97° 49' 21.10"	35.089421 -97.822529	10-7N-6W:SE4SW4   TD: 2,530'   660' FSL / 660' FEL	--	--
X-2	RAMSEY #1-10H	638786	2024456	35° 05' 18.38" -97° 48' 46.67"	35.088440 -97.812964	10-7N-6W:SW4SE4SE4SE4   TD: 17,415'   294' FSL / 435' FEL	--	--
X-3	SLOAN #1-15	637151	2023581	35° 05' 02.23" -97° 48' 57.23"	35.083952 -97.815898	15-7N-6W:NE4   TD: 7,710'   1,320' FSL / 1,320' FWL	--	--
X-4	ROBINSON #1-15H	633417	2021135	35° 04' 25.34" -97° 49' 26.74"	35.073706 -97.824095	15-7N-6W:SW4SW4SE4SE4   TD: 17,819'   220' FSL / 1,500' FWL	--	--
X-5	ROBINSON #2-15-10XHS	633439	2024245	35° 04' 25.50" -97° 48' 49.33"	35.073750 -97.813702	15-7N-6W:S2S2SE4SE4   TD: 21,509'   230' FSL / 660' FEL	--	--

#### NAD-27

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W5	ROBINSON 5R-15-10XHS	633375	2054285	35° 04' 25.07" -97° 49' 06.91"	35.073632 -97.818587	214' FSL / 2,217' FEL (SE/4 SEC 15)	1106.79	1107.70
LP-5	LANDING POINT	633726	2054521	35° 04' 28.54" -97° 49' 04.06"	35.074595 -97.817795	564' FSL / 1,980' FEL (SE/4 SEC 15)	--	--
BHL-5	BOTTOM HOLE LOCATION	643677	2054474	35° 06' 06.97" -97° 49' 04.40"	35.101935 -97.817890	50' FNL / 1,980' FEL (NE/4 SEC 10)	--	--
X-1	WILLIAMS #1	639096	2053190	35° 05' 21.68" -97° 49' 19.95"	35.089356 -97.822209	10-7N-6W:SE4SW4   TD: 2,530'   660' FSL / 660' FEL	--	--
X-2	RAMSEY #1-10H	638744	2056053	35° 05' 18.15" -97° 48' 45.52"	35.088374 -97.812645	10-7N-6W:SW4SE4SE4SE4   TD: 17,415'   294' FSL / 435' FEL	--	--
X-3	SLOAN #1-15	637109	2055178	35° 05' 01.99" -97° 48' 56.08"	35.083886 -97.815579	15-7N-6W:NE4   TD: 7,710'   1,320' FSL / 1,320' FWL	--	--
X-4	ROBINSON #1-15H	633375	2052732	35° 04' 25.10" -97° 49' 25.59"	35.073640 -97.823775	15-7N-6W:SW4SW4SE4SE4   TD: 17,819'   220' FSL / 1,500' FWL	--	--
X-5	ROBINSON #2-15-10XHS	633397	2055842	35° 04' 25.26" -97° 48' 48.18"	35.073684 -97.813383	15-7N-6W:S2S2SE4SE4   TD: 21,509'   230' FSL / 660' FEL	--	--

Certificate of Authorization No. 7318

Date Staked: 02-23-18  
Date Drawn: 02-26-18



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

#### REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	02-26-18	MJL	ISSUED FOR APPROVAL	--
01	06-22-18	TJW	REV'D WH LOCATION & NAME	REV'D ALL EXHIBITS

EXHIBIT: A (2 of 2)  
SHEET: 8.5x14  
SHL: 15-07N-06W  
BHL-5: 10-07N-06W

**PETRO LAND SERVICES SOUTH, LLC**

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



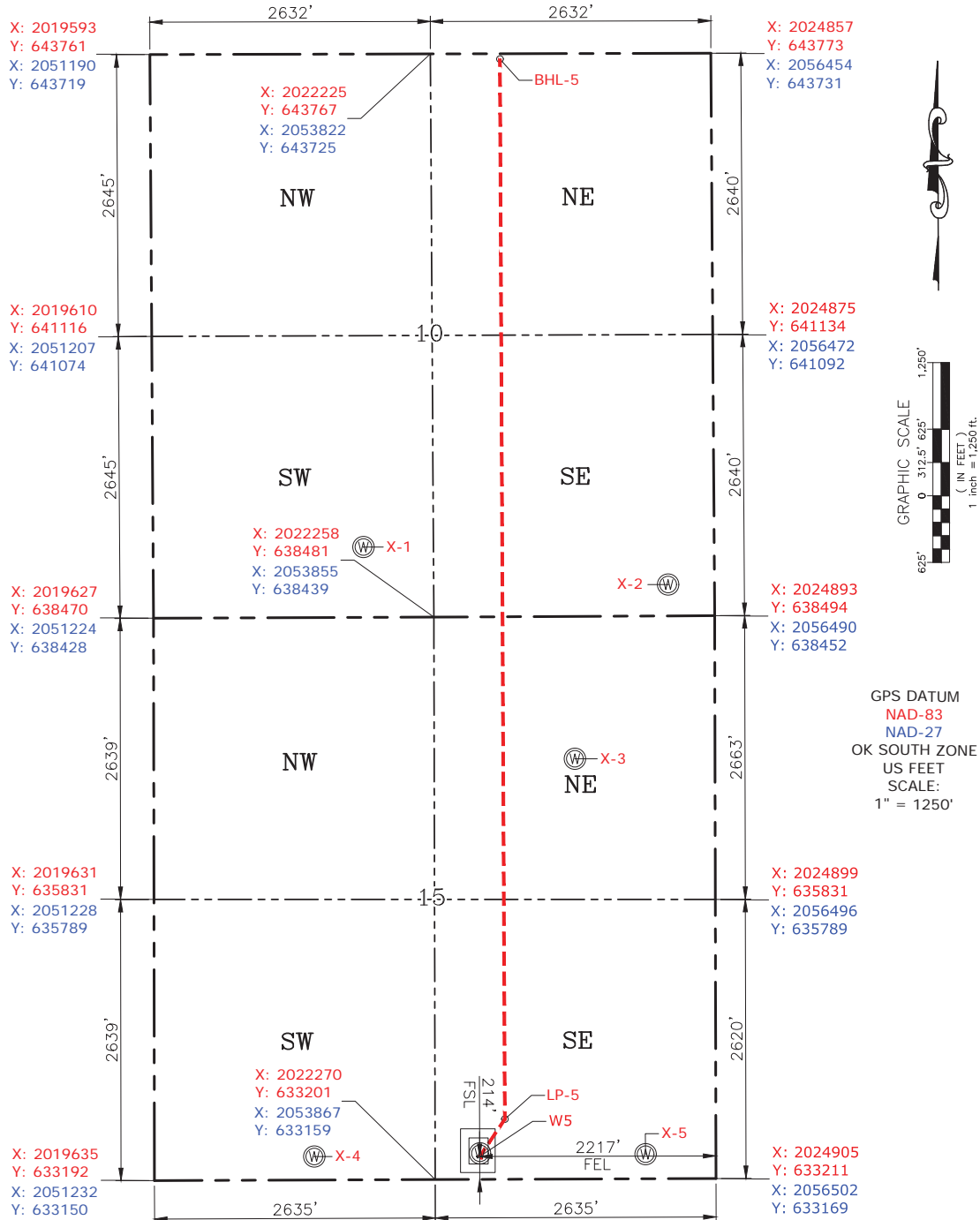
CONTINENTAL  
RESOURCES, INC.  
(OPERATOR)

GRADY

County Oklahoma

214' FSL-2,217' FEL Section 15 Township 07N Range 06W I.M.

WELL: ROBINSON  
5R-15-10XHS



CURRENT REV: 1

Date Staked: 02-23-18  
Date Drawn: 02-26-18

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.

**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