

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

API NUMBER: 051 24344

Approval Date: 05/02/2018

Expiration Date: 11/02/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 7N Rge: 6W

County: GRADY

SPOT LOCATION: NE NE NW NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 314 1100

Lease Name: ROBINSON

Well No: 4-15-10-3XHS

Well will be 314 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

DESERT ROSE FAMILY, LLC C/O GALA HARPER
2439 COUNTY STREET 2872
CHICKASHA OK 73018

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

	Name	Depth	Name	Depth
1	SPRINGER	12191	6	
2	GODDARD	12279	7	
3			8	
4			9	
5			10	

Spacing Orders: 97146
595266
573836

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201802744
201802745
201802743
201802749
201802748

Special Orders:

Total Depth: 25094

Ground Elevation: 1164

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 520

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 18-34197

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 03 Twp 7N Rge 6W County GRADY

Spot Location of End Point: N2 N2 NE SW

Feet From: SOUTH 1/4 Section Line: 2500

Feet From: WEST 1/4 Section Line: 1980

Depth of Deviation: 11840

Radius of Turn: 382

Direction: 7

Total Length: 12654

Measured Total Depth: 25094

True Vertical Depth: 12279

End Point Location from Lease,
Unit, or Property Line: 1980

Notes:

Category

Description

DEEP SURFACE CASING

4/20/2018 - 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

4/20/2018 - 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

MEMO

4/20/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201802743

5/2/2018 - G75 - 3-7N-6W
X97146 SPRG
2 WELLS
CONTINENTAL RESOURCES, INC.
REC 4-30-2018 (P. PORTER)

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.

Category	Description
PENDING CD - 201802744	4/26/2018 - G75 - 10-7N-6W X573836 GDRD 3 WELLS CONTINENTAL RESOURCES, INC. REC 4-30-2018 (P. PORTER)
PENDING CD - 201802745	4/26/2018 - G75 - 15-7N-6W X595266 SPRG 3 WELLS CONTINENTAL RESOURCES, INC. REC 4-30-2018 (P. PORTER)
PENDING CD - 201802748	4/26/2018 - G75 - (I.O.) 15, 10 & 3-7N-6W EST MULTIUNIT HORIZONTAL WELL X595266 SPRG 15-7N-6W X573836 GDRD 10-7N-6W X97146 SPRG 3-7N-6W 40% 15-7N-6W 40% 10-7N-6W 20% 3-7N-6W CONTINENTAL RESOURCES, INC. REC 4-30-2018 (P. PORTER)
PENDING CD - 201802749	4/26/2018 - G75 - (I.O.) 15, 10 & 3-7N-6W X595266 SPRG 15-7N-6W X573836 GDRD 10-7N-6W X97146 SPRG 3-7N-6W COMPL. INT. (15-7N-6W) NCT 150' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (10-7N-6W) NCT 0' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (3-7N-6W) NCT 0' FSL, NCT 2640' FSL, NCT 330' FWL CONTINENTAL RESOURCES, INC. REC 4-30-2018 (P. PORTER)
SPACING - 573836	4/26/2018 - G75 - (640) 10-7N-6W EXT OTHERS EST GDRD, OTHERS
SPACING - 595266	4/26/2018 - G75 - (640) 15-7N-6W EST OTHERS EXT OTHERS EXT 172459 SPRG, OTHERS
SPACING - 97146	4/26/2018 - G75 - (640) 3-7N-6W EXT OTHERS EST SPRG

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.

EXHIBIT: A (1 of 3)
 SHEET: 8.5x14
 SHL: 22-07N-06W
 BHL-3: 03-07N-06W
 BHL-4: 03-07N-06W



API 051-24344

COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 22 Township 07N Range 06W I.M. Well: ROBINSON 3-15-10-3XHS
 County GRADY State OK Well: ROBINSON 4-15-10-3XHS
 Operator CONTINENTAL RESOURCES, INC.

NAD-83								
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W3	ROBINSON 3-15-10-3XHS	632852	2020735	35° 04' 19.76" -97° 49' 31.56"	35.072155 -97.825435	344' FNL / 1100' FWL (NW/4 SEC 22)	1163.98	1168.63
LP-3	LANDING POINT 3	633244	2020295	35° 04' 23.64" -97° 49' 36.85"	35.073234 -97.826902	50' FSL / 660' FWL (SW/4 SEC 15)	--	--
BHL-3	BOTTOM HOLE LOCATION 3	646263	2020237	35° 06' 32.41" -97° 49' 37.29"	35.109002 -97.827024	2500' FSL / 660' FWL (SW/4 SEC 03)	--	--
W4	ROBINSON 4-15-10-3XHS	632882	2020735	35° 04' 20.05" -97° 49' 31.56"	35.072237 -97.825435	314' FNL / 1100' FWL (NW/4 SEC 22)	1164.38	1168.63
LP-4	LANDING POINT 4	633249	2021615	35° 04' 23.67" -97° 49' 20.97"	35.073241 -97.822491	50' FSL / 1980' FWL (SW/4 SEC 15)	--	--
BHL-4	BOTTOM HOLE LOCATION 4	646266	2021557	35° 06' 32.42" -97° 49' 21.40"	35.109005 -97.822611	2500' FSL / 1980' FWL (SW/4 SEC 03)	--	--
X-1	PARNELL #1-3	645290	2023540	35° 06' 22.73" -97° 48' 57.55"	35.106315 -97.815985	3-7N-6W:SE4 TD: 7,561' 1,520' FSL / 1,320' FWL	--	--
X-2	WILLIAMS #1-10H	639138	2021594	35° 05' 21.92" -97° 49' 21.10"	35.089421 -97.822529	10-7N-6W:SW4SW4 TD: 2,526' 660' FSL / 660' FEL	--	--
X-3	RAMSEY #1-10H	638786	2024456	35° 05' 18.38" -97° 48' 46.67"	35.088440 -97.812964	10-7N-6W:SW4SE4SE4 TD: 17,415' 294' FSL / 435' FEL	--	--
X-4	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-5	ROBINSON #1-15H	633417	2021135	35° 04' 25.34" -97° 49' 26.74"	35.073706 -97.824095	15-7N-6W:SW4SW4SE4SW4 TD: 17,819' 220' FSL / 1,500' FWL	--	--
X-6	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
W3	ROBINSON 3-15-10-3XHS	632810	2052332	35° 04' 19.52" -97° 49' 30.42"	35.072089 -97.825115	344' FNL / 1100' FWL (NW/4 SEC 22)	1163.98	1168.63
LP-3	LANDING POINT 3	633202	2051892	35° 04' 23.41" -97° 49' 35.70"	35.073168 -97.826583	50' FSL / 660' FWL (SW/4 SEC 15)	--	--
BHL-3	BOTTOM HOLE LOCATION 3	646221	2051833	35° 06' 32.17" -97° 49' 36.13"	35.108937 -97.826704	2500' FSL / 660' FWL (SW/4 SEC 03)	--	--
W4	ROBINSON 4-15-10-3XHS	632840	2052332	35° 04' 19.82" -97° 49' 30.41"	35.072172 -97.825115	314' FNL / 1100' FWL (NW/4 SEC 22)	1164.38	1168.63
LP-4	LANDING POINT 4	633207	2053212	35° 04' 23.43" -97° 49' 19.82"	35.073176 -97.822171	50' FSL / 1980' FWL (SW/4 SEC 15)	--	--
BHL-4	BOTTOM HOLE LOCATION 4	646224	2053154	35° 06' 32.18" -97° 49' 20.25"	35.108939 -97.822291	2500' FSL / 1980' FWL (SW/4 SEC 03)	--	--
X-1	PARNELL #1-3	645248	2055137	35° 06' 22.50" -97° 48' 56.40"	35.106250 -97.815666	3-7N-6W:SE4 TD: 7,561' 1,520' FSL / 1,320' FWL	--	--
X-2	WILLIAMS #1-10H	639096	2053190	35° 05' 21.68" -97° 49' 19.95"	35.089356 -97.822209	10-7N-6W:SW4SW4 TD: 2,526' 660' FSL / 660' FEL	--	--
X-3	RAMSEY #1-10H	638744	2056053	35° 05' 18.15" -97° 48' 45.52"	35.088374 -97.812645	10-7N-6W:SW4SE4SE4 TD: 17,415' 294' FSL / 435' FEL	--	--
X-4	SLOAN #1-15	637109	2055178	35° 05' 01.99" -97° 48' 56.08"	35.083866 -97.815579	15-7N-6W:NE4 TD: 7,710' 1,320' FSL / 1,320' FWL	--	--
X-5	ROBINSON #1-15H	633375	2052732	35° 04' 25.10" -97° 49' 25.59"	35.073640 -97.823775	15-7N-6W:SW4SW4SE4SW4 TD: 17,819' 220' FSL / 1,500' FWL	--	--
X-6	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: 03-08-18
 Date Drawn: 03-08-18



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

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	03-08-18	MJL	ISSUED FOR APPROVAL	--

PETRO LAND SERVICES SOUTH, LLC

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



EXHIBIT: A (3 of 3)

SHEET: 8.5x14

SHL: 22-07N-06W

BHL-4: 03-07N-06W

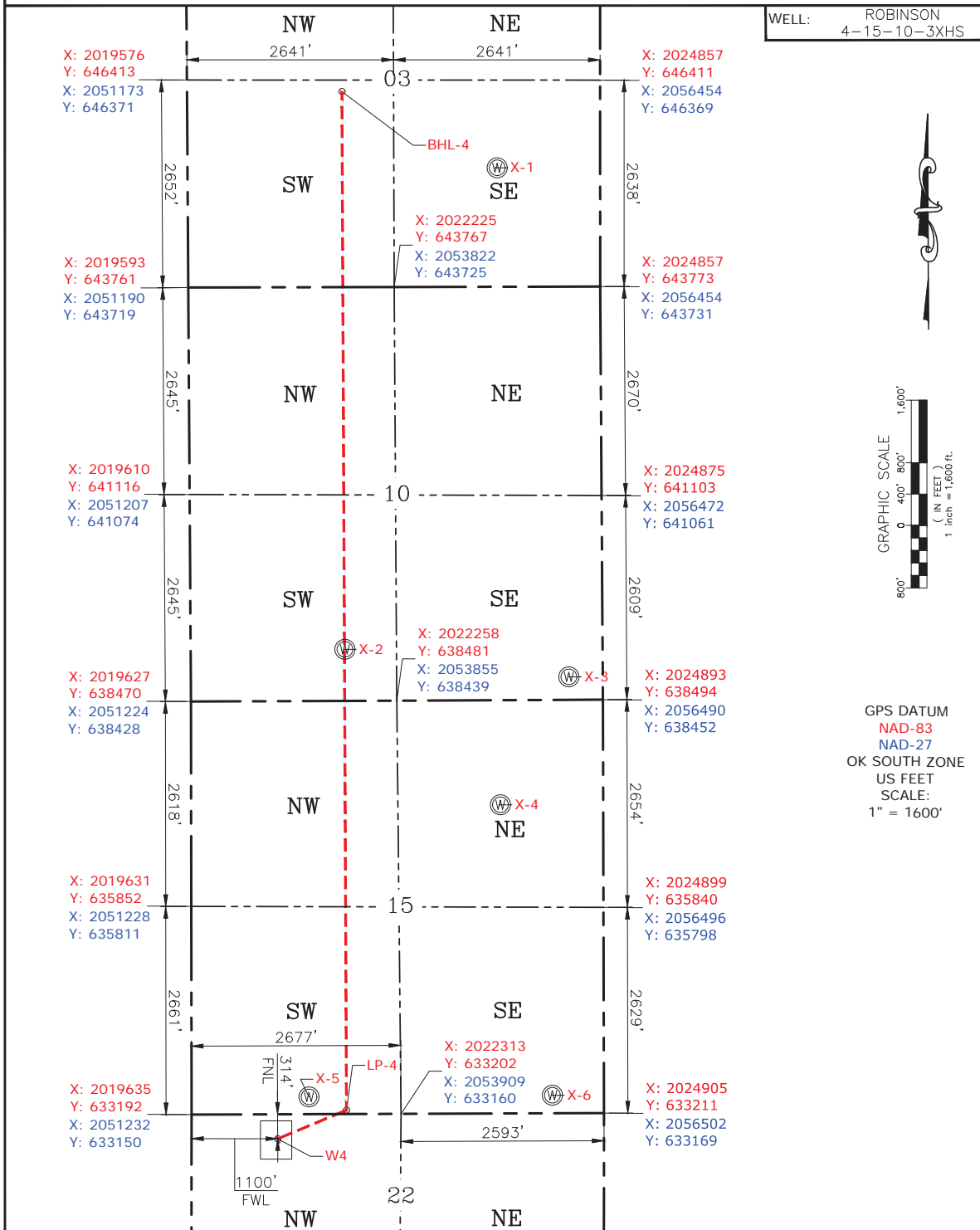
GRADY

County Oklahoma

314' FNL-1100' FWL Section 22 Township 07N Range 06W I.M.

CONTINENTAL RESOURCES, INC (OPERATOR)

WELL: ROBINSON
4-15-10-3XHS



GPS DATUM
NAD-83
NAD-27
OK SOUTH ZONE
US FEET
SCALE:
1" = 1600'

Date Staked: 03-08-18
Date Drawn: 03-08-18

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.



Randall J. Bilyeu

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.

Oklahoma PLS No.1196 DATE