

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

API NUMBER: 051 24500

Approval Date: 10/17/2018

Expiration Date: 04/17/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 6N Rge: 5W

County: GRADY

SPOT LOCATION: S2 NE NE NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 376 330

Lease Name: DYER

Well No: 7-31-30XHW

Well will be 330 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

WHEELER FAMILY FARMS LLC
613 COUNTY RD 1350
CHICKASHA OK 73018

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	11891	6	
2	MISSISSIPPI LIME	11991	7	
3	WOODFORD	12165	8	
4	HUNTON	12625	9	
5			10	

Spacing Orders: 150355
151109
593293
160704
632963

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201806191
201806190
201806256
201806257
201807779

Special Orders:

Total Depth: 22846

Ground Elevation: 1164

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 340

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 18-35178

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 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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

HORIZONTAL HOLE 1

Sec 30 Twp 7N Rge 5W County GRADY

Spot Location of End Point: N2 NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 11646

Radius of Turn: 477

Direction: 360

Total Length: 10451

Measured Total Depth: 22846

True Vertical Depth: 12625

End Point Location from Lease,

Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

9/10/2018 - 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

This permit does not address the right of entry or settlement of surface damages.

051 24500 DYER 7-31-30XHW

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
HYDRAULIC FRACTURING	<p>9/10/2018 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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: OCCWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>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</p>
MEMO	<p>9/10/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT</p>
PENDING CD - 201806190	<p>9/20/2018 - G58 - (I.O.) 30 & 31-7N-5W X160704 HNTN 30-7N-5W X632963 MSSP, WDFD 30-7N-5W X150355 HNTN 31-7N-5W X151109 MSSLM 31-7N-5W X593293 WDFD 31-7N-5W SHL NCT 50' FSL, NCT 330' FEL OF 19-7N-5W** COMPL. INT. 30-7N-5W NCT 150' FNL, NCT 0' FSL, NCT 330' FEL COMPL. INT. 31-7N-5W NCT 0' FNL, NCT 150' FSL, NCT 330' FEL NO OP. NAMED REC 8/27/2018 (MILLER)</p> <p>**PLAT HAS SHL IN SECTION 6-6N-5W; CORRECTED AT HEARING PER ATTORNEY FOR OP.</p>
PENDING CD - 201806191	<p>9/20/2018 - G58 - (I.O.) 30 & 31-7N-5W EST MULTIUNIT HORIZONTAL WELL X160704 HNTN 30-7N-5W X632963 MSSP, WDFD 30-7N-5W X150355 HNTN 31-7N-5W X151109 MSSLM 31-7N-5W X593293 WDFD 31-7N-5W (MSSP, MSSLM, HNTN ARE ADJACENT COMMON SOURCE OF SUPPLY TO WDFD) 50% 30-7N-5W 50% 31-7N-5W NO OP. NAMED REC 8/27/2018 (MILLER)</p>
PENDING CD - 201806256	<p>9/20/2018 - G58 - 30-7N-5W X632963 WDFD 4 WELLS NO OP. NAMED REC 8/27/2018 (MILLER)</p>
PENDING CD - 201806257	<p>9/20/2018 - G58 - 31-7N-5W X593293 WDFD 4 WELLS NO OP. NAMED REC 8/27/2018 (MILLER)</p>
PENDING CD - 201807779	<p>10/16/2018 - G58 - (I.O.) 30 & 31-7N-5W X165:10-3-28(C)(2)(B) WDFD (DYER 7-31-30XHW) MAY BE CLOSER THAN 600' TO THE JACQUEZ 1H-18X WELL REC 10/16/2018 (DENTON)</p>
SPACING - 150355	<p>9/20/2018 - G58 - (640) 31-7N-5W VAC OTHER EXT OTHERS EST OTHERS EXT 131103 HNTN, OTHERS</p>
SPACING - 151109	<p>9/20/2018 - G58 - (640) 30 & 31-7N-5W EXT OTHER EST MSSLM, OTHERS (VAC SEC 30 BY 632963)</p>
SPACING - 160704	<p>9/20/2018 - G58 - (640) 30-7N-5W EXT 106361 HNTN</p>

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
SPACING - 593293	9/20/2018 - G58 - (640) 31-7N-5W EXT 587938 WDFD, OTHERS
SPACING - 632963	9/20/2018 - G58 - (640) 30-7N-5W VAC 151109 MSSLM EXT 587938/593293 MSSP, WDFD, OTHER

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 2)
SHEET: 8.5x14
SHL: 06-06N-05W
BHL-7 30-07N-05W



COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 6 Township 06N Range 05W I.M.
County GRADY State OK
Operator CONTINENTAL RESOURCES, INC.

Well: DYER 7-31-30XHW **051-24500**
Well: --

NAD-83						EXISTING ELEVATION	DESIGN ELEVATION
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		
W7	DYER 7-31-30XHW	617045	2040344	35° 01' 43.01" -97° 45' 36.10"	35.028614 -97.760029	376' FNL / 330' FEL (NE/4 SEC 6)	1163.03'
LP-7	LANDING POINT	617470	2040343	35° 01' 47.22" -97° 45' 36.11"	35.029784 -97.760030	50' FSL / 330' FEL (SE/4 SEC 31)	--
BHL-7	BOTTOM HOLE LOCATION	627921	2040340	35° 03' 30.59" -97° 45' 35.84"	35.058496 -97.759956	50' FNL / 330' FEL (NE/4 SEC 30)	--
X-4	HOOPER TRUST #1-30	626647	2036438	35° 03' 18.08" -97° 46' 22.81"	35.055022 -97.773003	30-7N-5W-W2E2W2NW3 TD: 11,400' 1,320' FSL / 950' FWL	--
X-5	JACQUEZ #1H-18X	625581	2040142	35° 03' 07.45" -97° 45' 38.29"	35.052070 -97.760635	30-7N-5W-W4NE4NE4NE4 TD: 20,279' 244' FNL / 528' FEL	--
X-6	TRIPLE H #1-30H	622942	2035988	35° 02' 41.44" -97° 46' 28.33"	35.044845 -97.774535	30-7N-5W-SE4SW4SW4SW4 TD: 17,293' 257' FSL / 491' FWL	--
X-7	JAMES #1H-18X	627647	2036485	35° 03' 27.97" -97° 46' 22.22"	35.057769 -97.772839	30-7N-5W-NE4NE4NW4NW4 TD: 24,035' 320' FNL / 1,000' FWL	--
X-8	TRIPLE H #4-30-31HS	627670	2039540	35° 03' 28.12" -97° 45' 45.47"	35.057812 -97.762631	30-7N-5W-W4NW4NE4NE4 TD: 21,705' 300' FNL / 1,130' FEL	--
X-9	TRIPLE H #5-30-31HS	627670	2039570	35° 03' 28.12" -97° 45' 45.11"	35.057812 -97.762531	30-7N-5W-W4NW4NE4NE4 TD: 21,665' 300' FNL / 1,100' FEL	--
X-10	CHAMBERS #1-31	618844	2039290	35° 02' 00.83" -97° 45' 48.73"	35.033564 -97.763536	31-7N-5W-W4SE4 TD: 7,653' 1,426' FSL / 1,214' FWL	--
X-11	DYER #1-31H	617721	2036401	35° 01' 49.79" -97° 46' 23.49"	35.030498 -97.773193	31-7N-5W-SE4SW4SW4SW4 TD: 17,163' 310' FSL / 890' FWL	--
X-12	BRIARWOOD SWD #1	621985	2039976	35° 02' 31.89" -97° 45' 40.39"	35.042191 -97.761220	31-7N-5W-NE4NE4 TD: 6,100' 710' FNL / 695' FEL	--
X-13	SMITH #1-6	615288	2040247	35° 01' 25.64" -97° 45' 37.32"	35.023789 -97.760368	6-6N-5W-SE4SE4SE4 TD: 12,750' 530' FSL / 430' FEL	--
X-14	WHEELER #1-6XH	616913	2037233	35° 01' 41.78" -97° 46' 13.51"	35.028273 -97.770421	6-6N-5W-SE4NW4NE4NW4 TD: 22,662' 500' FNL / 1,720' FWL	--

NAD-27						EXISTING ELEVATION	DESIGN ELEVATION
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		
W7	DYER 7-31-30XHW	617003	2071941	35° 01' 42.77" -97° 45' 34.96"	35.028547 -97.759711	376' FNL / 330' FEL (NE/4 SEC 6)	1163.03'
LP-7	LANDING POINT	617428	2071940	35° 01' 46.98" -97° 45' 34.96"	35.029717 -97.759712	50' FSL / 330' FEL (SE/4 SEC 31)	--
BHL-7	BOTTOM HOLE LOCATION	627879	2071937	35° 03' 30.35" -97° 45' 34.70"	35.058429 -97.759639	50' FNL / 330' FEL (NE/4 SEC 30)	--
X-4	HOOPER TRUST #1-30	626605	2068035	35° 03' 17.84" -97° 46' 21.66"	35.054955 -97.772685	30-7N-5W-W2E2W2NW3 TD: 11,400' 1,320' FSL / 950' FWL	--
X-5	JACQUEZ #1H-18X	625539	2071739	35° 03' 07.21" -97° 45' 37.14"	35.052003 -97.760317	30-7N-5W-W4NE4NE4NE4 TD: 20,279' 244' FNL / 528' FEL	--
X-6	TRIPLE H #1-30H	622900	2067585	35° 02' 41.20" -97° 46' 27.18"	35.044778 -97.774217	30-7N-5W-SE4SW4SW4SW4 TD: 17,293' 257' FSL / 491' FWL	--
X-7	JAMES #1H-18X	627605	2068082	35° 03' 27.73" -97° 46' 21.07"	35.057702 -97.772521	30-7N-5W-NE4NE4NW4NW4 TD: 24,035' 320' FNL / 1,000' FWL	--
X-8	TRIPLE H #4-30-31HS	627628	2071137	35° 03' 27.88" -97° 45' 44.33"	35.057746 -97.762313	30-7N-5W-W4NW4NE4NE4 TD: 21,705' 300' FNL / 1,130' FEL	--
X-9	TRIPLE H #5-30-31HS	627628	2071167	35° 03' 27.88" -97° 45' 43.97"	35.057746 -97.762213	30-7N-5W-W4NW4NE4NE4 TD: 21,665' 300' FNL / 1,100' FEL	--
X-10	CHAMBERS #1-31	618802	2070887	35° 02' 00.59" -97° 45' 47.59"	35.033497 -97.763218	31-7N-5W-W4SE4 TD: 7,653' 1,426' FSL / 1,214' FWL	--
X-11	DYER #1-31H	617679	2067998	35° 01' 49.55" -97° 46' 22.35"	35.030431 -97.772875	31-7N-5W-SW4SE4SW4SW4 TD: 17,163' 310' FSL / 890' FWL	--
X-12	BRIARWOOD SWD #1	621943	2071573	35° 02' 31.65" -97° 45' 39.25"	35.042124 -97.760902	31-7N-5W-NE4NE4 TD: 6,100' 710' FNL / 695' FEL	--
X-13	SMITH #1-6	615246	2071844	35° 01' 25.40" -97° 45' 36.18"	35.023721 -97.760051	6-6N-5W-SE4SE4SE4 TD: 12,750' 530' FSL / 430' FEL	--
X-14	WHEELER #1-6XH	616871	2068830	35° 01' 41.54" -97° 46' 12.37"	35.028205 -97.770103	6-6N-5W-SE4NW4NE4NW4 TD: 22,662' 500' FNL / 1,720' FWL	--

Certificate of Authorization No. 7318

Date Staked: **--*-18
Date Drawn: 08-07-18



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

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	08-07-18	HOG	ISSUED FOR APPROVAL	--

EXHIBIT: A (2 of 2)
SHEET: 8.5x14
SHL: 06-06N-05W
BHL-7 30-07N-05W

PETRO LAND SERVICES SOUTH, LLC

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



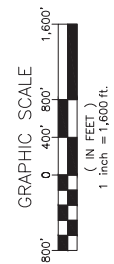
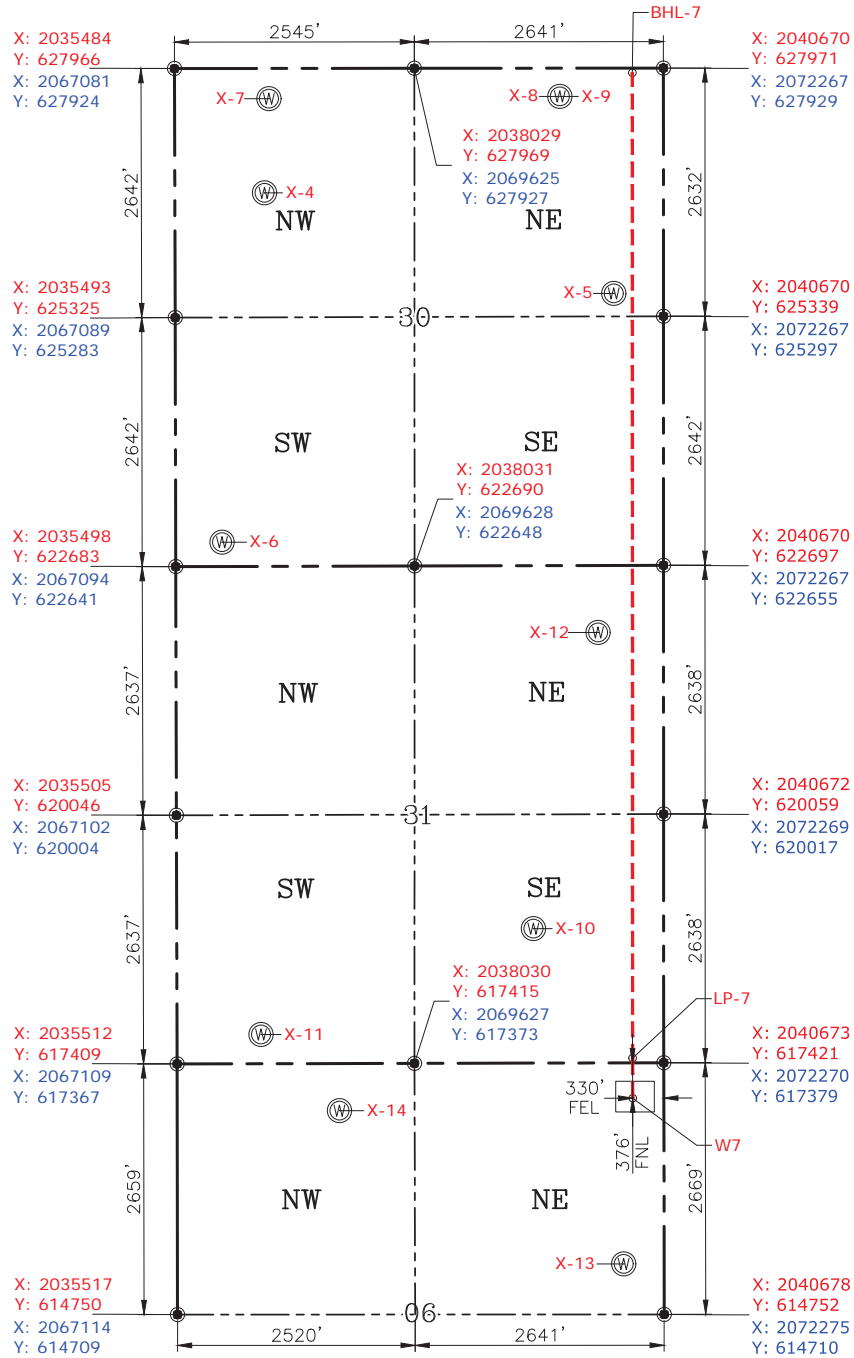
CONTINENTAL
RESOURCES, INC.
(OPERATOR)

GRADY

County Oklahoma

376' FNL-330 FEL Section 6 Township 06N Range 05W I.M.

WELL: DYER 7-31-30XHW



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

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.

Date Staked: **--**--18
Date Drawn: 08-07-18

CURRENT REV.: 0



Randall J. Bilyeu

Oklahoma PLS No.1196 DATE