API NUMBER: 051 24419

Horizontal Hole | Oil & Gas

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

Approval Date: 07/23/2018
Expiration Date: 01/23/2019

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 7N Rge: 6W County: GRADY

SPOT LOCATION: NE SW NE NW FEET FROM QUARTER: FROM **NORTH** FROM **WEST**
SECTION LINES: **950** **1905**

Lease Name: WILLIAMS **Well No: 4-25-24-13XHW** **Well will be 950 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

DAVID & JULIE LEWIS
1859 CR 1350
CHICKASHA OK 73018

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

	Name	Depth		Name	Depth
1	MISSISSIPPI LIME	12452	6		
2	WOODFORD	12525	7		
3	HUNTON	12685	8		
4			9		
5			10		

Spacing Orders: 163257, 582004, 151109, 586675, 659654

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201805061, 201805062, 201805051, 201805052, 201805053

Special Orders:

Total Depth: 21395 Ground Elevation: 1148 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 330

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34755
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** 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

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 13 Twp 7N Rge 6W County GRADY

Spot Location of End Point: SW SW SE NW

Feet From: NORTH 1/4 Section Line: 2482

Feet From: WEST 1/4 Section Line: 1485

Depth of Deviation: 12093

Radius of Turn: 477

Direction: 355

Total Length: 8553

Measured Total Depth: 21395

True Vertical Depth: 12685

End Point Location from Lease,
Unit, or Property Line: 1485

Additional Surface Owner	Address	City, State, Zip
FORREST & MOLLY MANUEL	1821 COUNTY ROAD 1350	CHICKASHA, OK 73018

Notes:

Category	Description
DEEP SURFACE CASING	7/3/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

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
HYDRAULIC FRACTURING	7/3/2018 - 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	7/3/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
PENDING CD - 201805051	7/6/2018 - G75 - (I.O.) 25-7N-6W XOTHER X659654 WDFD 4 WELLS CONTINENTAL RESOURCES, INC. REC 7-23-2018 (DENTON)
PENDING CD - 201805052	7/6/2018 - G75 - (I.O.) 24-7N-6W XOTHER X586675 WDFD 4 WELLS CONTINENTAL RESOURCES, INC. REC 7-23-2018 (DENTON)
PENDING CD - 201805053	7/6/2018 - G75 - (I.O.) 13-7N-6W XOTHER X582004 WDFD 3 WELLS CONTINENTAL RESOURCES, INC. REC 7-23-2018 (DENTON)
PENDING CD - 201805061	7/6/2018 - G75 - (I.O.) 25, 24 & 13-7N-6W EST MULTIUNIT HORIZONTAL WELL X151109 MSSLM, HNTN 25-7N-6W X659654 WDFD 25-7N-6W X151109 MSSLM, HNTN 24-7N-6W X586675 WDFD 24-7N-6W X163257 MSSLM, HNTN 13-7N-6W X582004 WDFD 13-7N-6W (MSSLM, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 10% 25-7N-6W 60% 24-7N-6W 30% 13-7N-6W CONTINENTAL RESOURCES, INC. REC 7-23-2018 (DENTON)
PENDING CD - 201805062	7/6/2018 - G75 - (I.O.) 25, 24 & 13-7N-6W X151109 MSSLM, HNTN 25-7N-6W X659654 WDFD 25-7N-6W X151109 MSSLM, HNTN 24-7N-6W X586675 WDFD 24-7N-6W X163257 MSSLM, HNTN 13-7N-6W X582004 WDFD 13-7N-6W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO PROPOSED WELLS COMPL. INT. (25-7N-6W) NCT 2640' FSL, NCT 0' FNL, NCT 660' FWL COMPL. INT. (24-7N-6W) NCT 0' FSL, NCT 0' FNL, NCT 660' FWL COMPL. INT. (13-7N-6W) NCT 0' FSL, NCT 2640' FNL, NCT 660' FWL CONTINENTAL RESOURCES, INC. REC 7-23-2018 (DENTON)
SPACING - 151109	7/6/2018 - G75 - (640) 24 & 25-7N-6W EXT OTHER EST MSSLM, OTHERS EXT 106361 HNTN

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 - 163257	7/6/2018 - G75 - (640) 13-7N-6W EXT OTHERS EXT 156047 HNTN EXT 151109 MSSLM, OTHERS EST OTHERS
SPACING - 582004	7/6/2018 - G75 - (640) 13-7N-6W EST OTHER EXT OTHERS EXT 568015 WDFD, OTHERS
SPACING - 586675	7/6/2018 - G75 - (640) 24-7N-6W EXT 568015 WDFD, OTHER EXT OTHER
SPACING - 659654	7/6/2018 - G75 - (640) 25-7N-6W EXT 583128 WDFD

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 (2 of 4)
SHEET: 8.5x11
SHL: 25–7N–6W
BHL-4 13–7N–6W
BHL-5 13–7N–6W

Continental RESOURCES

API 051-24419

COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 25 Township 7N Range 6W I.M.

County GRADY State OK

Operator CONTINENTAL RESOURCES, INC.

Well: WILLIAMS 4–25–24–13XHW

Well: WILLIAMS 5–25–24–13XHM

NAD–27

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W4	WILLIAMS 4–25–24–13XHW	626967	2063685	35° 03' 21.51" -97° 47' 13.98"	35.055975 -97.787216	950' FNL / 1905' FWL (NW/4 SEC 25)	1146.84'	1148.20'
LP–4	LANDING POINT	626966	2063265	35° 03' 21.51" -97° 47' 19.04"	35.055975 -97.788621	950' FNL / 1485' FWL (NW/4 SEC 25)	--	--
BHL–4	BOTTOM HOLE LOCATION	636025	2063252	35° 04' 51.11" -97° 47' 18.95"	35.080865 -97.788598	2800' FSL / 1485' FWL (NW/4 SEC 13)	--	--
W5	WILLIAMS 5–25–24–13XHM	626967	2063715	35° 03' 21.51" -97° 47' 13.62"	35.055974 -97.787116	950' FNL / 1935' FWL (NW/4 SEC 25)	1147.70'	1148.20'
LP–5	LANDING POINT	626968	2064420	35° 03' 21.51" -97° 47' 05.14"	35.055975 -97.784762	950' FNL / 2640' FWL (NW/4 SEC 25)	--	--
BHL–5	BOTTOM HOLE LOCATION	636044	2064407	35° 04' 51.28" -97° 47' 05.06"	35.080910 -97.784738	2800' FSL / 2640' FWL (NW/4 SEC 13)	--	--
X–1	NEWKIRK #1–13	637165	2064411	35° 05' 02.37" -97° 47' 04.98"	35.083991 -97.784718	13–7N–6W:E2E2NW4 | TD: 7,525' | 1,320' FNL / 2,640' FWL	--	--
X–2	MCCALLA #1	637630	2063464	35° 05' 06.98" -97° 47' 16.37"	35.085273 -97.787881	13–7N–6W:NE4SW4NE4NW4 | TD: 13,000' | 1,790' FSL / 1,700' FWL	--	--
X–3	BIRT #1–13H	633452	2062158	35° 04' 25.68" -97° 47' 32.19"	35.073801 -97.792275	13–7N–6W:SE4SW4SW4SW4 | TD: 16,598' | 245' FSL / 385' FWL	--	--
X–4	BIRT #2–13–12XHS	633567	2063412	35° 04' 26.80" -97° 47' 17.09"	35.074111 -97.788081	13–7N–6W:NW4SW4SE4SW4 | TD: 21,721' | 340' FSL / 1,640' FWL	--	--
X–5	E.W. NUNN #1	629241	2065745	35° 03' 43.96" -97° 46' 49.14"	35.062212 -97.780318	24–7N–6W:SE4 | TD: 14,282' | 1,320' FSL / 1,320' FWL	--	--
X–6	E.W. NUNN #2	631578	2063092	35° 04' 07.14" -97° 47' 21.00"	35.068649 -97.789166	24–7N–6W:NW4 | TD: 7,562' | 1,020' FSL / 1,320' FWL	--	--
X–7	RUBY #1–24	632543	2065690	35° 04' 16.62" -97° 46' 49.71"	35.071284 -97.780475	24–7N–6W:NE4 | TD: 7,600' | 1,980' FSL / 1,270' FWL	--	--
X–8	WILLIAMS #1–24H	630770	2063696	35° 03' 59.12" -97° 47' 13.75"	35.066423 -97.787152	24–7N–6W:NE4NW4NE4NW4 | TD: 17,226' | 210' FNL / 1,925' FWL	--	--
X–9	BIRT #3–13–12XHS	632800	2065441	35° 04' 19.16" -97° 46' 52.71"	35.071990 -97.781308	24–7N–6W:SE4NE4NW4NE4 | TD: 21,516' | 430' FNL / 1,628' FEL	--	--
X–10	BIRT #4–13–12XHS	632830	2065441	35° 04' 19.46" -97° 46' 52.71"	35.072072 -97.781308	24–7N–6W:SE4NE4NW4NE4 | TD: 21,561' | 400' FNL / 1,628' FEL	--	--
X–11	CUMMINGS #1–25	626500	2065904	35° 03' 16.84" -97° 46' 47.31"	35.054678 -97.779808	25–7N–6W:NE4 | TD: 14,180' | 1,220' FSL / 1,470' FWL	--	--
X–12	HART #1–25	624767	2065762	35° 02' 59.71" -97° 46' 49.06"	35.049920 -97.780293	25–7N–6W:S2N2N2SE4 | TD: 13,890' | 2,130 FSL / 1,320' FWL	--	--

Certificate of Authorization No. 7318

Date Staked: **–**–18
Date Drawn: 06–14–18

PLS

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

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	06–14–18	TJW	ISSUED FOR APPROVAL	--

EXHIBIT: A (3 of 4)
SHEET: 8.5x14
SHL: 25–7N–6W
BHL-4 13–7N–6W

PETRO LAND SERVICES SOUTH, LLC

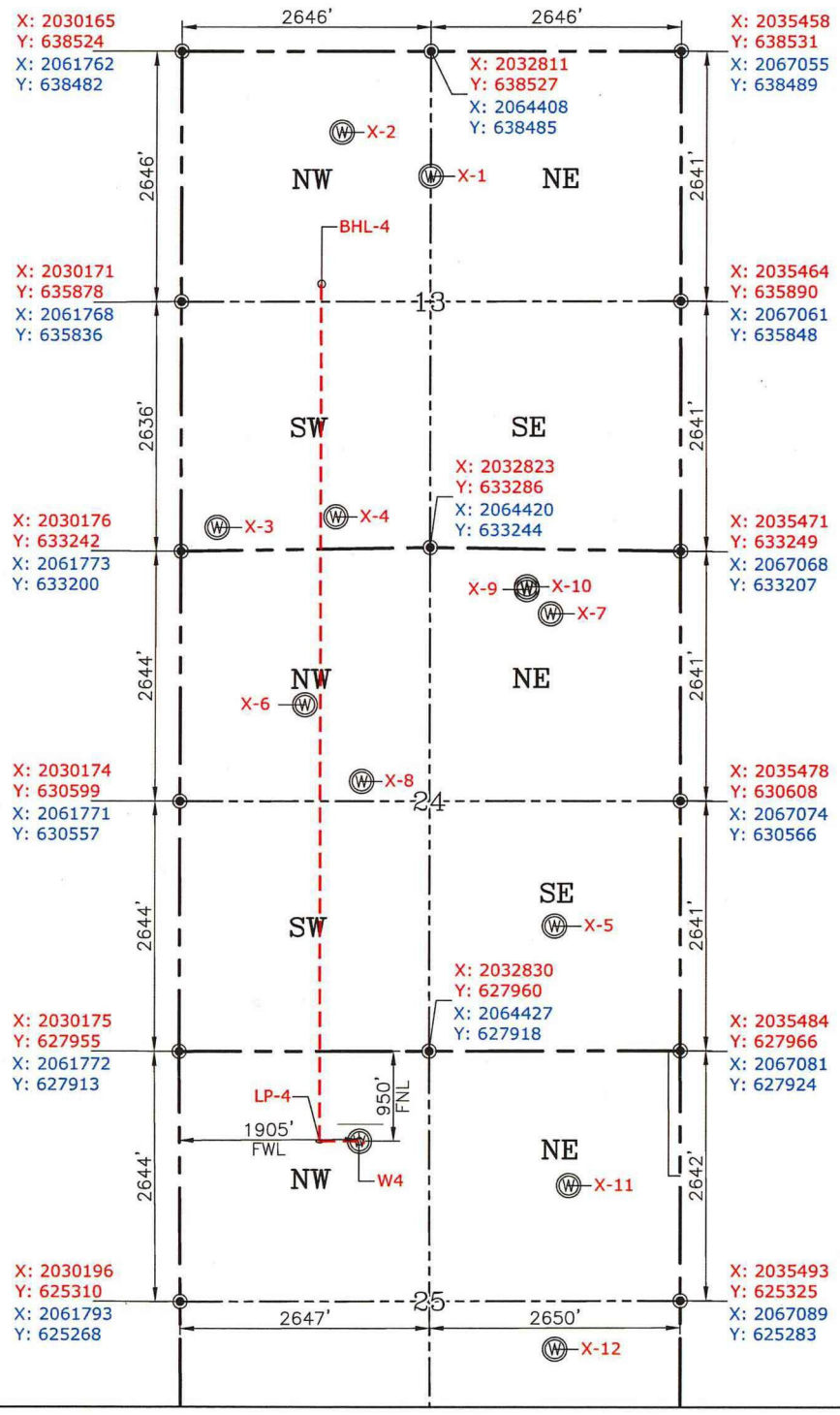
10400 VINEYARD BLVD. SUITE C, OKLA. CITY, OKLA. 73120 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318

GRADY County Oklahoma
950' FNL–1905' FWL Section 25 Township 7N Range 6W I.M.

Continental RESOURCES

CONTINENTAL RESOURCES,INC (OPERATOR)

WELL: WILLIAMS 4–25–24–13XHW



GRAPHIC SCALE
1,600' 800' 0 400' 800'
(IN FEET)
1 inch = 1,600 ft.

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

Date Staked: **–**–18
Date Drawn: 06–14–18

CURRENT REV.: 0

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.

REGISTERED PROFESSIONAL LAND SURVEYOR OKLAHOMA
RANDALL J. BILYEU
1196
5/14/18

Randall J. Bilyeu

Oklahoma PLS No.1196 DATE