

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

API NUMBER: 051 24432

Approval Date: 08/08/2018

Expiration Date: 02/08/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 7N Rge: 6W

County: GRADY

SPOT LOCATION:  SE  SW  SE  SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 245 1685

Lease Name: PYLE

Well No: 4-36-25XHW

Well will be 245 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, WILL WHEELER MGR.  
613 COUNTY ROAD 1350  
CHICKASHA OK 73018

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

Name	Depth	Name	Depth
1 WOODFORD	12540	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 659654  
583128

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201806098  
201806097  
201806053  
201806054

Special Orders:

Total Depth: 21885

Ground Elevation: 1231

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 500

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 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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 18-35064

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 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 25 Twp 7N Rge 6W County GRADY

Spot Location of End Point: S2 S2 N2 NW

Feet From: NORTH 1/4 Section Line: 1200

Feet From: WEST 1/4 Section Line: 1320

Depth of Deviation: 12103

Radius of Turn: 477

Direction: 355

Total Length: 9033

Measured Total Depth: 21885

True Vertical Depth: 12738

End Point Location from Lease,  
Unit, or Property Line: 1200

Notes:

Category

Description

DEEP SURFACE CASING

8/2/2018 - 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

8/2/2018 - 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)

MEMO

8/2/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

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 - 201806053	8/7/2018 - G75 - (E.O.) 36 & 25-7N-6W EST MULTIUNIT HORIZONTAL WELL XOTHERS X583128 WDFD 36-7N-6W X659654 WDFD 25-7N-6W 56% 36-7N-6W 44% 25-7N-6W CONTINENTAL RESOURCES, INC. REC 8-8-2018 (FOREMAN)
PENDING CD - 201806054	8/7/2018 - G75 - (E.O.) 36 & 25-7N-6W XOTHERS X659654 WDFD 36-7N-6W ++ X583128 WDFD 25-7N-6W ** SHL (36-7N-6W) NCT 200' FSL, NCT 330' FWL COMPL. INT. (36-7N-6W) NCT 150' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (25-7N-6W) NCT 0' FSL, NCT 150' FNL, NCT 330' FWL CONTINENTAL RESOURCES, INC. REC 8-8-2018 (FOREMAN)  ++ S/B X583128 WDFD 36-7N-6W; TO BE CORRECTED AT HEARING PER ATTORNEY FOR OPERATOR  ** S/B X659654 25-7N-6W; TO BE CORRECTED AT HEARING PER ATTORNEY FOR OPERATOR
PENDING CD - 201806097	8/7/2018 - G75 - (E.O.) 25-7N-6W X659654 WDFD 4 WELLS CONTINENTAL RESOURCES, INC. HEARING 8-13-2018
PENDING CD - 201806098	8/7/2018 - G75 - (E.O.) 36-7N-6W X583128 WDFD 4 WELLS CONTINENTAL RESOURCES, INC. HEARING 8-13-2018
SPACING - 583128	8/7/2018 - G75 - (640) 36-7N-6W VAC OTHERS EXT OTHERS EXT 576253 WDFD
SPACING - 659654	8/7/2018 - 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 (1 of 2)  
 SHEET: 8.5x11  
 SHL: 36-7N-6W  
 BHL-4 25-7N-6W



API 051-24432

COVER SHEET

**CONTINENTAL RESOURCES, INC.**

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

Section 36 Township 7N Range 6W I.M. Well: PYLE 4-36-25XHW  
 County GRADY State OK Well: --  
 Operator CONTINENTAL RESOURCES, INC.

NAD-83								
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W4	PYLE 4-36-25XHW	617638	2031912	35° 01' 49.07" -97° 47' 17.48"	35.030296 -97.788190	245' FSL / 1685' FWL (SW/4 SEC 36)	1230.61'	1230.84'
LP-4	LANDING POINT	617637	2031547	35° 01' 49.07" -97° 47' 21.88"	35.030296 -97.789410	245' FSL / 1320' FWL (SW/4 SEC 36)	--	--
BHL-4	BOTTOM HOLE LOCATION	626758	2031505	35° 03' 19.28" -97° 47' 22.15"	35.055354 -97.789486	1200' FNL / 1320' FWL (NW/4 SEC 25)	--	--
X-1	HART #1-25	624809	2034165	35° 02' 59.95" -97° 46' 50.20"	35.049986 -97.780611	25-7N-6W:S2N2N2SE4   TD: 13,890'   2,130' FSL / 1,320' FWL	--	--
X-2	DIBBLE KENT CLIFT SWD #1	622414	2033421	35° 02' 36.27" -97° 46' 59.21"	35.043408 -97.783114	36-7N-6W:E2NW4NW4NE4   TD: 6,150'   2,375' FSL / 565' FWL	--	--
X-3	PYLE #1-36	620729	2034113	35° 02' 19.60" -97° 46' 50.93"	35.038777 -97.780815	36-7N-6W:SE4NE4SW4NE4   TD: 13,290'   1,950' FNL / 1,390' FEL	--	--
X-4	PYLE #1-36-25XH	617602	2032477	35° 01' 48.70" -97° 47' 10.69"	35.030194 -97.786303	36-7N-6W:SW4SE4SE4SW4   TD: 23,081'   207' FSL / 2,250' FWL	--	--
X-5	WHEELER #1-36	620030	2031012	35° 02' 12.74" -97° 47' 28.25"	35.036873 -97.791180	36-7N-6W:W2E2W2W2   TD: 7,750'   2,640' FSL / 790' FWL	--	--

NAD-27								
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W4	PYLE 4-36-25XHW	617596	2063509	35° 01' 48.82" -97° 47' 16.34"	35.030229 -97.787872	245' FSL / 1685' FWL (SW/4 SEC 36)	1230.61'	1230.84'
LP-4	LANDING POINT	617595	2063143	35° 01' 48.83" -97° 47' 20.73"	35.030229 -97.789092	245' FSL / 1320' FWL (SW/4 SEC 36)	--	--
BHL-4	BOTTOM HOLE LOCATION	626716	2063102	35° 03' 19.04" -97° 47' 21.00"	35.055288 -97.789168	1200' FNL / 1320' FWL (NW/4 SEC 25)	--	--
X-1	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	--	--
X-2	DIBBLE KENT CLIFT SWD #1	622372	2065018	35° 02' 36.03" -97° 46' 58.06"	35.043341 -97.782795	36-7N-6W:E2NW4NW4NE4   TD: 6,150'   2,375' FSL / 565' FWL	--	--
X-3	PYLE #1-36	620687	2065710	35° 02' 19.35" -97° 46' 49.79"	35.038710 -97.780497	36-7N-6W:SE4NE4SW4NE4   TD: 13,290'   1,950' FNL / 1,390' FEL	--	--
X-4	PYLE #1-36-25XH	617560	2064073	35° 01' 48.46" -97° 47' 09.55"	35.030127 -97.785985	36-7N-6W:SW4SE4SE4SW4   TD: 23,081'   207' FSL / 2,250' FWL	--	--
X-5	WHEELER #1-36	619988	2062608	35° 02' 12.50" -97° 47' 27.10"	35.036806 -97.790862	36-7N-6W:W2E2W2W2   TD: 7,750'   2,640' FSL / 790' FWL	--	--

Certificate of Authorization No. 7318

Date Staked: 07-27-18  
 Date Drawn: 07-27-18



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

REVISIONS				
No.	DATE	BY	DESCRIPTION	COMMENTS
00	07-27-18	HGD	ISSUED FOR APPROVAL	--

EXHIBIT: A (2 of 2)  
 SHEET: 8.5x14  
 SHL: 36-7N-6W  
 BHL-4: 25-7N-6W

**PETRO LAND SERVICES SOUTH, LLC**

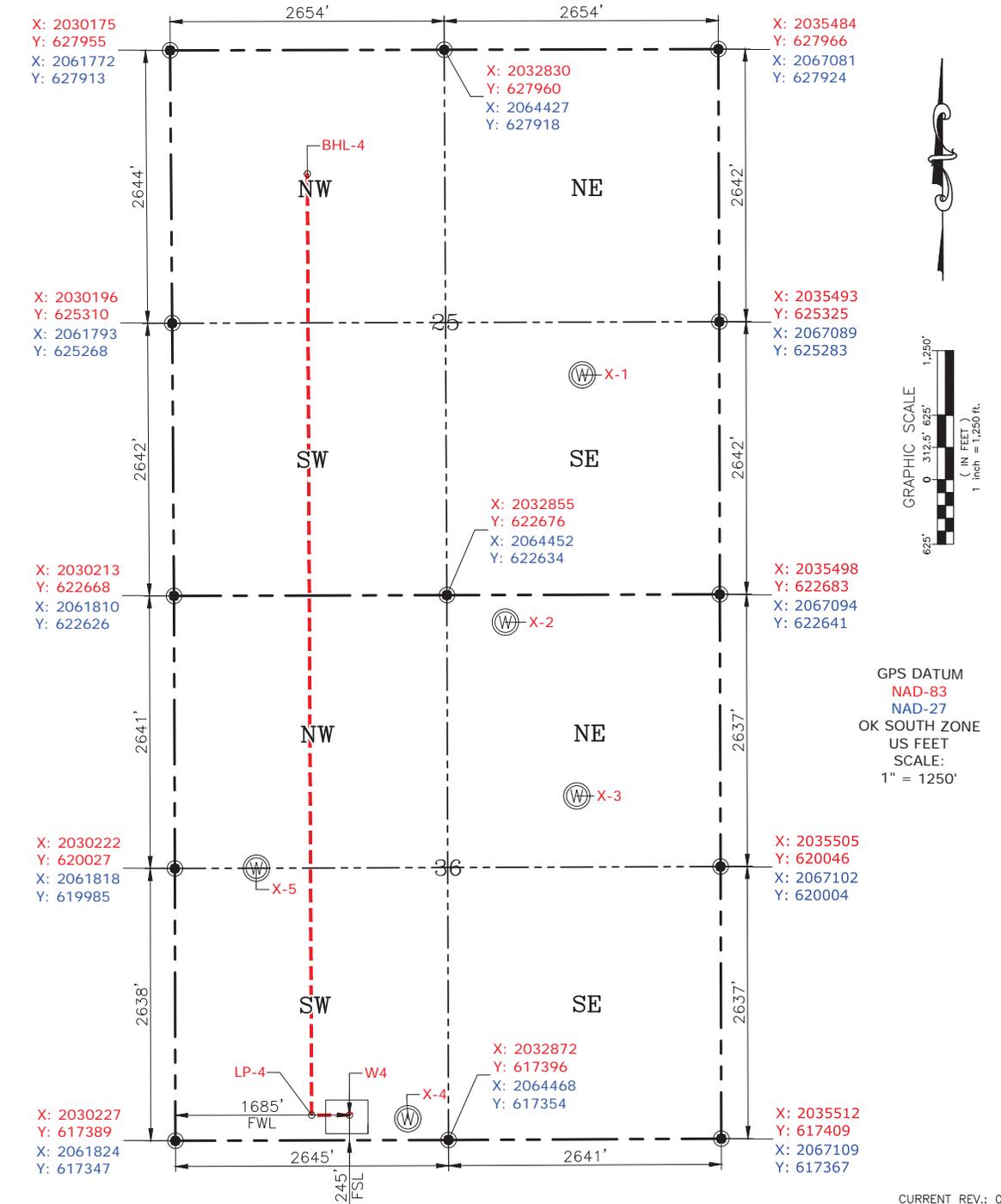
10400 VINEYARD BLVD, SUITE C, OKLA. CITY, OKLA. 73120 \* OFFICE (405) 212-3108  
 Certificate of Authorization No. 7318



CONTINENTAL  
 RESOURCES, INC  
 (OPERATOR)

GRADY \_\_\_\_\_ County Oklahoma  
 245' FSL-1685' FWL Section 36 Township 7N Range 6W I.M.

WELL: PYLE 4-36-25XHW



CURRENT REV.: 0

Date Staked: 07-27-18  
 Date Drawn: 07-27-18

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