

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

API NUMBER: 051 24434 A

Approval Date: 08/10/2018

Expiration Date: 02/10/2019

Horizontal Hole Oil & Gas

Amend reason: CHANGE SURFACE LOCATION; UPDATE ORDERS

AMEND PERMIT TO DRILL

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

County: GRADY

SPOT LOCATION: SE SE NW NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 1140 1585

Lease Name: PYLE

Well No: 5-25-36XHW

Well will be 1140 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 C. LEWIS
1859 CR 1350
CHICKASHA OK 73018

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

Name	Depth	Name	Depth
1 WOODFORD	12379	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 659654
583128

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201806097
201806098
201806059
201806060

Special Orders:

Total Depth: 21636

Ground Elevation: 1179

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 290

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 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

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

PERMIT NO: 18-35049

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 36 Twp 7N Rge 6W County GRADY

Spot Location of End Point: SE SE SW SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 1485

Depth of Deviation: 12000

Radius of Turn: 477

Direction: 178

Total Length: 8887

Measured Total Depth: 21636

True Vertical Depth: 12632

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

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

EXCEPTION TO RULE

8/7/2018 - G75 - NEED EXCEPTION TO 165:10-3-28(C)(2)(B) FOR WOODFORD SINCE PROPOSED LATERAL IS LESS THAN 600' (95') FROM PYLE 1-6 (API 051-23573); NA, SEE AFFIDAVIT OF WELL REPLACEMENT;

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: OCCWEB.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

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.

051 24434 PYLE 5-25-36XHW

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 - 201806059	9/6/2018 - G75 - (I.O.) 25 & 36-7N-6W EST MULTIUNIT HORIZONTAL WELL XOTHERS X659654 WDFD 25-7N-6W X583128 WDFD 36-7N-6W 50% 25-7N-6W 50% 36-7N-6W CONTINENTAL RESOURCES, INC. REC 8-17-2018 (P. PORTER)
PENDING CD - 201806060	9/6/2018 - G75 - (I.O.) 25 & 36-7N-6W XOTHERS X659654 WDFD 25-7N-6W X583128 WDFD 36-7N-6W SHL (25-7N-6W) 1146' FNL, 1583' FEL ** COMPL. INT. (25-7N-6W) NCT 150' FNL, NCT 0' FSL, NCT 330' FEL COMPL. INT. (36-7N-6W) NCT 0' FNL, NCT 150' FSL, NCT 330' FEL CONTINENTAL RESOURCES, INC. REC 8-17-2018 (P. PORTER) ** ITD HAS SHL AS 1140' FNL, 1585' FEL; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER ATTORNEY FOR OPERATOR
PENDING CD - 201806097	9/6/2018 - G75 - 25-7N-6W X659654 WDFD 4 WELS CONTINENTAL RESOURCES, INC. REC 8-27-2018 (MILLER)
PENDING CD - 201806098	9/6/2018 - G75 - 36-7N-6W X583128 WDFD 4 WELLS CONTINENTAL RESOURCES, INC. REC 8-27-2018 (MILLER)
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

EXHIBIT: A (1 of 4)
SHEET: 8.5x14
SHL: 25-7N-6W
BHL-6 13-7N-6W
BHL-5 36-7N-6W



Continental
RESOURCES

API 051-24434 A

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.

Well: WILLIAMS 6-25-24-13XHW

County GRADY State OK

Well: PYLE 5-25-36XHW

Operator CONTINENTAL RESOURCES, INC.

NAD-83							EXISTING ELEVATION	DESIGN ELEVATION
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE			
W6	WILLIAMS 6-25-24-13XHW	626829	2033932	35° 03' 19.93" -97° 46' 52.96"	35.055537 -97.781377	1134' FNL / 1556' FEL (PART OF NW/4 NE/4 SEC 25)	1179.54	1179.18
LP-6	LANDING POINT	626830	2034003	35° 03' 19.94" -97° 46' 52.10"	35.055538 -97.781139	1134' FNL / 1485' FEL (NE/4 SEC 25)	--	--
BHL-6	BOTTOM HOLE LOCATION	636070	2033979	35° 04' 51.33" -97° 46' 52.15"	35.080925 -97.781152	2800' FSL / 1485' FEL (NE/4 SEC 13)	--	--
W5	PYLE 5-25-36XHW	626822	2033903	35° 03' 19.87" -97° 46' 53.30"	35.055518 -97.781472	1140' FNL / 1585' FEL (PART OF NW/4 NE/4 SEC 25)	1178.41	1179.18
LP-5	LANDING POINT	626817	2034003	35° 03' 19.81" -97° 46' 52.10"	35.055503 -97.781139	1146' FNL / 1485' FEL (NE/4 SEC 25)	--	--
BHL-5	BOTTOM HOLE LOCATION	617452	2034027	35° 01' 47.18" -97° 46' 52.05"	35.029772 -97.781125	50' FSL / 1485' FEL (SE/4 SEC 36)	--	--
X-1	NEWKIRK #1-13	637207	2032814	35° 05' 02.61" -97° 47' 06.13"	35.084057 -97.785036	13-7N-6W:E2E2NW4 TD: 7,525' 1,320' FNL / 2,640' FWL	--	--
X-2	MCCALLA #1	637672	2031867	35° 05' 07.22" -97° 47' 17.52"	35.085339 -97.788200	13-7N-6W:NE4SW4NE4NW4 TD: 13,000' 1,790' FSL / 1,700' FWL	--	--
X-3	BIRT #1-13H	633494	2030561	35° 04' 25.92" -97° 47' 33.34"	35.073867 -97.792593	13-7N-6W:SE4SW4SW4SW4 TD: 16,598' 245' FSL / 365' FWL	--	--
X-4	BIRT #2-13-12XHS	633609	2031816	35° 04' 27.04" -97° 47' 18.24"	35.074178 -97.788599	13-7N-6W:NW4SW4SE4SW4 TD: 21,721' 340' FSL / 1,640' FWL	--	--
X-5	E.W. NUNN #1	629283	2034148	35° 03' 44.20" -97° 46' 50.29"	35.062278 -97.780636	24-7N-6W:SE4 TD: 14,282' 1,320' FSL / 1,320' FWL	--	--
X-6	E.W. NUNN #2	631621	2031495	35° 04' 07.37" -97° 47' 22.14"	35.068715 -97.789484	24-7N-6W:NW4 TD: 7,562' 1,020' FSL / 1,320' FWL	--	--
X-7	RUBY #1-24	632585	2034094	35° 04' 16.86" -97° 46' 50.86"	35.071350 -97.780794	24-7N-6W:NE4 TD: 7,600' 1,980' FSL / 1,270' FWL	--	--
X-8	WILLIAMS #1-24H	630812	2032100	35° 03' 59.36" -97° 47' 14.89"	35.066489 -97.787470	24-7N-6W:NE4NW4NE4NW4 TD: 17,226' 210' FNL / 1,925' FWL	--	--
X-9	BIRT #3-13-12XHS	632842	2033844	35° 04' 19.40" -97° 46' 53.85"	35.072056 -97.781626	24-7N-6W:SE4NE4NW4NE4 TD: 21,516' 430' FNL / 1,628' FEL	--	--
X-10	BIRT #4-13-12XHS	632872	2033844	35° 04' 19.70" -97° 46' 53.85"	35.072139 -97.781626	24-7N-6W:SE4NE4NW4NE4 TD: 21,561' 400' FNL / 1,628' FEL	--	--
X-11	CUMMINGS #1-25	626542	2034307	35° 03' 17.08" -97° 46' 48.45"	35.054744 -97.780126	25-7N-6W:NE4 TD: 14,180' 1,220' FSL / 1,470' FWL	--	--
X-12	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-13	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	--	--
X-14	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' FWL	--	--
X-15	PYLE #1-36-25XH	620242	2032471	35° 02' 14.81" -97° 47' 10.69"	35.037448 -97.786304	36-7N-6W:SW4SE4SE4SW4 TD: 23,081' 207' FSL / 2,250' FWL	--	--
X-16	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	--	--

Certificate of Authorization No. 7318

Date Staked: 06-14-18
Date Drawn: 06-14-18



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	MJL	ISSUED FOR APPROVAL	--
01	07-23-18	TJW	ADDED PYLE 5 WELL	REVISED ALL SHEETS
02	07-26-18	TJW	ADJUSTED PYLE 5 SHL	REV'D SHEETS A1-A4, B, F, H, & I
03	08-10-18	TJW	ADJUSTED BHL CALLOUT	REV'D SHEET A1
04	08-21-18	HOG	ADJUSTED PYLE 5 SHL	REV'D SHEETS A1,A2,A4 B, F, H, & I

EXHIBIT: A (2 of 4)
SHEET: 8.5x14
SHL: 25-7N-6W
BHL-6 13-7N-6W
BHL-5 36-7N-6W



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.

Well: WILLIAMS 6-25-24-13XHW

County GRADY State OK

Well: PYLE 5-25-36XHW

Operator CONTINENTAL RESOURCES, INC.

NAD-27								
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W6	WILLIAMS 6-25-24-13XHW	626787	2065528	35° 03' 19.69" -97° 46' 51.81"	35.055471 -97.781058	1134' FNL / 1556' FEL (PART OF NW/4 NE/4 SEC 25)	1179.54	1179.18
LP-6	LANDING POINT	626788	2065600	35° 03' 19.70" -97° 46' 50.95"	35.055471 -97.780821	1134' FNL / 1485' FEL (NE/4 SEC 25)	--	--
BHL-6	BOTTOM HOLE LOCATION	636028	2065576	35° 04' 51.09" -97° 46' 51.00"	35.080859 -97.780833	2800' FSL / 1485' FEL (SE/4 SEC 13)	--	--
W5	PYLE 5-25-36XHW	626780	2065500	35° 03' 19.63" -97° 46' 52.16"	35.055452 -97.781154	1140' FNL / 1585' FEL (PART OF NW/4 NE/4 SEC 25)	1178.41	1179.18
LP-5	LANDING POINT	626775	2065600	35° 03' 19.57" -97° 46' 50.96"	35.055436 -97.780821	1146' FNL / 1485' FEL (NE/4 SEC 25)	--	--
BHL-5	BOTTOM HOLE LOCATION	617410	2065624	35° 01' 46.94" -97° 46' 50.91"	35.029705 -97.780807	50' FSL / 1485' FEL (SE/4 SEC 36)	--	--
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' FSL / 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	--	--
X-13	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	--	--
X-14	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-15	PYLE #1-36-25XH	620200	2064068	35° 02' 14.57" -97° 47' 09.55"	35.037381 -97.785986	36-7N-6W:SW4SE4SE4SW4 TD: 23,081' 207' FSL / 2,250' FWL	--	--
X-16	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	--	--

Certificate of Authorization No. 7318

Date Staked: 06-14-18
Date Drawn: 06-14-18



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

EXHIBIT: A (4 of 4)
SHEET: 8.5x14
SHL: 25-7N-6W
BHL-5 36-7N-6W

PETRO LAND SERVICES SOUTH, LLC

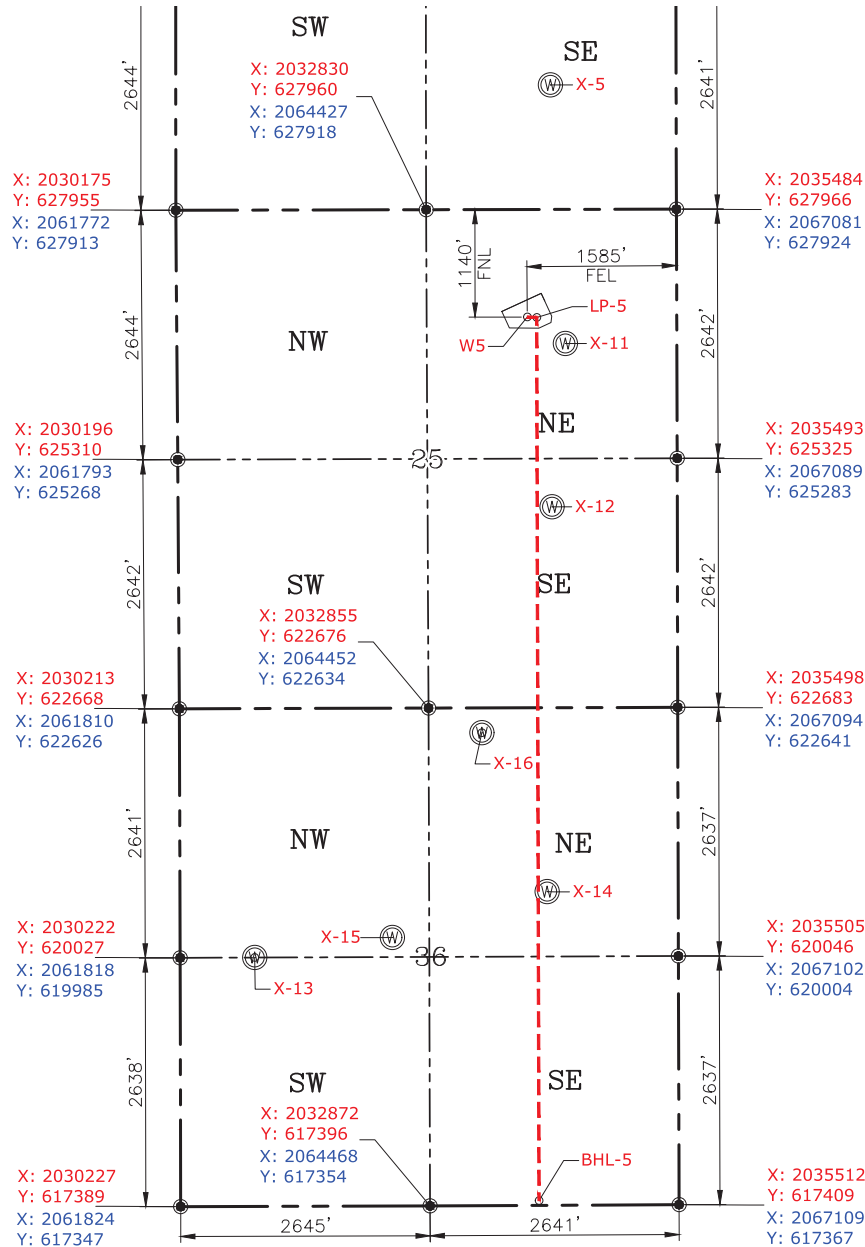
10400 VINEYARD BLVD, SUITE C, OKLA. CITY, OKLA. 73120 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318



CONTINENTAL
RESOURCES, INC
(OPERATOR)

GRADY _____ County Oklahoma
1140' FNL-1585' FEL Section 25 Township 7N Range 6W I.M.

WELL: PYLE 5-25-36XHW



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

Date Staked: 06-14-18
Date Drawn: 06-14-18

CURRENT REV.: 4

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