

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

API NUMBER: 011 23863

Approval Date: 09/29/2017  
Expiration Date: 09/29/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 15N Rge: 11W County: BLAINE  
SPOT LOCATION:  N2  N2  NW  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 260 660

Lease Name: HOMSEY Well No: 2-22-27XH Well will be 260 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

RODNEY E & CAROL A COWAN  
85455 NORTH 2600 ROAD  
WATONGA OK 73772

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

Name	Depth	Name	Depth
1	MISSISSIPPI	11210	6
2			7
3			8
4			9
5			10

Spacing Orders: 579436 Location Exception Orders: 667747 Increased Density Orders: 664809  
667042  
578803

Pending CD Numbers:

Special Orders:

Total Depth: 21584 Ground Elevation: 1453 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 70

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: 8000 Average: 5000

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-33174

H. SEE MEMO

E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 27 Twp 15N Rge 11W County BLAINE

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 350

Depth of Deviation: 11062

Radius of Turn: 485

Direction: 184

Total Length: 9760

Measured Total Depth: 21584

True Vertical Depth: 12090

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

Notes:

Category

Description

DEEP SURFACE CASING

9/19/2017 - 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

HYDRAULIC FRACTURING

9/19/2017 - 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)

INCREASED DENSITY - 664809

9/28/2017 - G60 - 22-15N-11W  
X579436 MISS  
9 WELLS  
CONTINENTAL RESOURCES, INC.  
6/13/17

INTERMEDIATE CASING

9/19/2017 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES

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
LOCATION EXCEPTION - 667747	<p>9/27/2017 - G60 - (I.O.) 22 &amp; 27-15N-11W  X579436 (22-15N-11W) MISS  X578803 (27-15N-11W) MISS  50% 22-15N-11W  50% 27-15N-11W  X165:10-3-28(C)(2)(B) MISS  MAY BE CLOSER THAN 600' TO NEARBY WELLS **  COMPL. INT. (22-15N-11W) NCT 150' FNL, NCT 0' FSL, NCT 330' FWL  COMPL. INT. (27-15N-11W) NCT 0' FNL, NCT 150' FSL, NCT 330' FWL  NO OP. NAMED  9/1/17</p> <p>**WELLS WILL BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR</p>
MEMO	<p>9/19/2017 - G71 - PITS 1 &amp; 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - NORTH CANADIAN RIVER), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT</p>
SPACING - 578803	<p>9/28/2017 - G60 - (640) 27-15N-11W  EXT 563805 MISS, OTHERS</p>
SPACING - 579436	<p>9/27/2017 - G60 - (640) 22-15N-11W  EXT 563805 MISS, OTHERS</p>
SPACING - 667042	<p>9/27/2017 - G60 - (640) 22 &amp; 27-15N-11W  EST MULTIUNIT HORIZONTAL WELL  X579436 (22-15N-11W) MISS  X578803 (27-15N-11W) MISS  50% 22-15N-11W  50% 27-15N-11W  NO OP. NAMED  8/16/17</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.

Surety ex 4112/18  
operator # 3186



March 21, 2018

Oklahoma Corporation Commission  
Oil & Gas Conservation Division  
P. O. Box 52000  
Oklahoma City, OK 73152-2000

RE: Homsey 2-22-27XH, API #011-23863 Permit ex 3/29/18  
Homsey 3-22-27XH, API #011-23864 permit ex 3/29/18

Continental Resources, Inc. would like to request a six month extension on each of the Homsey 2-22-27XH, API #011-23863, located in N2 N2 NW NW of Sec 22-15N-11W, Blaine County and the Homsey 3-22-27XH, API #011-23864, located in NW NE NW NW, Blaine County, Permits to Drill. The current permits expire on 03/29/2018. Please let me know if you need any further information.

Sincerely,

CONTINENTAL RESOURCES, INC.

*Christi Scritchfield*

Christi Scritchfield  
Regulatory Compliance  
(405) 234-9257  
christi.scritchfield@clr.com

Approved for 6 Month  
Extension From  
3-29-18  
3-28-18 *UJ*

RECEIVED

MAR 26 2018

OKLAHOMA CORPORATION  
COMMISSION

517

3501123863

EXHIBIT: A (1 of 4)

SHEET: 8.5x11

SHL: 22-15N-11W

BHL-2 27-15N-11W

BHL-3 27-15N-11W



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 15N Range 11W I.M.

Well: HOMSEY 2-22-27XHM

County BLAINE State OK

Well: HOMSEY 3-22-27XHM

Operator CONTINENTAL RESOURCES, INC.

NAD-83

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W2	HOMSEY 2-22-27XHM	279715	1860458	35° 46' 04.28" -98° 21' 51.07"	35.767856 -98.364187	280' FNL / 663' FWL (NW/4 SEC 22)	1460.42	1455.14
LP-2	LANDING POINT	279717	1860124	35° 46' 04.29" -98° 21' 55.12"	35.767857 -98.365311	280' FNL / 330' FWL (NW/4 SEC 22)	--	--
BHL-2	BOTTOM HOLE LOCATION	269503	1860070	35° 44' 23.27" -98° 21' 55.31"	35.739797 -98.365365	50' FSL / 330' FWL (SW/4 SEC 27)	--	--
W3	HOMSEY 3-22-27XHM	279715	1860488	35° 46' 04.28" -98° 21' 50.71"	35.767856 -98.364086	280' FNL / 693' FWL (NW/4 SEC 22)	1464.79	1455.14
LP-3	LANDING POINT	279714	1860784	35° 46' 04.28" -98° 21' 47.11"	35.767854 -98.363086	280' FNL / 990' FWL (NW/4 SEC 22)	--	--
BHL-3	BOTTOM HOLE LOCATION	269497	1860730	35° 44' 23.24" -98° 21' 47.31"	35.739788 -98.363141	50' FSL / 990' FWL (SW/4 SEC 27)	--	--
X-1	KARNES #1-22 SWD	278659	1864039	35° 45' 53.97" -98° 21' 07.57"	35.764991 -98.352104	22-15N-11W:E2E2W2NE4   TD: 4,750'   1,320' FSL / 1,005' FWL	--	--
X-2	IVINS #1	276038	1861082	35° 45' 27.94" -98° 21' 43.34"	35.757761 -98.362038	22-15N-11W:SW4   TD: 10,234'   1,320' FSL / 1,320' FWL	--	--
X-3	COWAN #1-22	278663	1863368	35° 45' 53.98" -98° 21' 15.71"	35.764995 -98.354364	22-15N-11W:W2E2W2NE4   TD: 4,750'   1,320' FSL / 955' FWL	--	--
X-4	EVICK #1-22H	274894	1864489	35° 45' 16.74" -98° 21' 01.95"	35.754651 -98.350541	22-15N-11W:SW4SE4SE4   TD: 16,892'   200' FSL / 550' FEL	--	--
X-5	HOMSEY #3-22-27XH	279741	1861245	35° 46' 04.56" -98° 21' 41.53"	35.767934 -98.361535	22-15N-11W:NW4NE4NW4NW4   TD: 21,584'   260' FNL / 690' FWL	--	--
X-6	EWING #1	273378	1863705	35° 45' 01.73" -98° 21' 11.39"	35.750480 -98.353165	27-15N-11W:NE4   TD: 10,362'   1,320' FSL / 1,320' FWL	--	--
X-7	HOAR UNIT #1	273398	1861417	35° 45' 01.83" -98° 21' 39.15"	35.750510 -98.360874	27-15N-11W:NW4   TD: 10,400'   1,320' FSL / 1,670' FWL	--	--
X-8	LOWMAN #1	273400	1861067	35° 45' 01.85" -98° 21' 43.39"	35.750514 -98.362053	27-15N-11W:NW4   TD: 10,275'   1,320' FSL / 1,320' FWL	--	--
X-9	GUENTHER #1-27	270076	1864352	35° 44' 29.09" -98° 21' 03.40"	35.741414 -98.350944	27-15N-11W:SE4SE4   TD: 10,350'   660' FSL / 1,980' FWL	--	--
X-10	TILL #1-27H	269710	1862180	35° 44' 25.39" -98° 21' 29.72"	35.740386 -98.358256	27-15N-11W:SE4SE4SE4SW4   TD: 16,900'   275' FSL / 2,440' FWL	--	--

Certificate of Authorization No. 7318

Date Staked: 04-09-18

Date Drawn: 04-09-18



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

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	04-09-18	MJL	ISSUED FOR APPROVAL	--

3501123863

EXHIBIT: A (2 of 4)  
 SHEET: 8.5x11  
 SHL: 22-15N-11W  
 BHL-2 27-15N-11W  
 BHL-3 27-15N-11W



COVER SHEET CONTINUED...

CONTINENTAL RESOURCES, INC.

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

Section 22 Township 15N Range 11W I.M. Well: HOMSEY 2-22-27XHM  
 County BLAINE State OK Well: HOMSEY 3-22-27XHM  
 Operator CONTINENTAL RESOURCES, INC.

NAD-27

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W2	HOMSEY 2-22-27XHM	279691	1892058	35° 46' 04.12" -98° 21' 49.83"	35.767811 -98.363841	280' FNL / 663' FWL (NW/4 SEC 22)	1460.42	1455.14
LP-2	LANDING POINT	279693	1891725	35° 46' 04.12" -98° 21' 53.87"	35.767812 -98.364964	280' FNL / 330' FWL (NW/4 SEC 22)	--	--
BHL-2	BOTTOM HOLE LOCATION	269479	1891670	35° 44' 23.10" -98° 21' 54.07"	35.739751 -98.365019	50' FSL / 330' FWL (SW/4 SEC 27)	--	--
W3	HOMSEY 3-22-27XHM	279691	1892088	35° 46' 04.12" -98° 21' 49.46"	35.767811 -98.363739	280' FNL / 693' FWL (NW/4 SEC 22)	1464.79	1455.14
LP-3	LANDING POINT	279689	1892385	35° 46' 04.11" -98° 21' 45.86"	35.767809 -98.362740	280' FNL / 990' FWL (NW/4 SEC 22)	--	--
BHL-3	BOTTOM HOLE LOCATION	269473	1892330	35° 44' 23.07" -98° 21' 46.06"	35.739742 -98.362795	50' FSL / 990' FWL (SW/4 SEC 27)	--	--
X-1	KARNES #1-22 SWD	278635	1895639	35° 45' 53.81" -98° 21' 06.33"	35.764946 -98.351758	22-15N-11W:E2E2W2NE4   TD: 4,750'   1,320' FSL / 1,005' FWL	--	--
X-2	IVINS #1	276014	1892682	35° 45' 27.78" -98° 21' 42.09"	35.757716 -98.361692	22-15N-11W:SW4   TD: 10,234'   1,320' FSL / 1,320' FWL	--	--
X-3	COWAN #1-22	278639	1894968	35° 45' 53.82" -98° 21' 14.47"	35.764950 -98.354018	22-15N-11W:W2E2W2NE4   TD: 4,750'   1,320' FSL / 955' FWL	--	--
X-4	EVICK #1-22H	274870	1896089	35° 45' 16.58" -98° 21' 00.70"	35.754606 -98.350195	22-15N-11W:SW4SE4SE4SE4   TD: 16,892'   200' FSL / 550' FEL	--	--
X-5	HOMSEY #3-22-27XH	279717	1892845	35° 46' 04.40" -98° 21' 40.28"	35.767889 -98.361189	22-15N-11W:NW4NE4NW4NW4   TD: 21,584'   260' FNL / 690' FWL	--	--
X-6	EWING #1	273354	1895305	35° 45' 01.56" -98° 21' 10.15"	35.750434 -98.352820	27-15N-11W:NE4   TD: 10,362'   1,320' FSL / 1,320' FWL	--	--
X-7	HOAR UNIT #1	273373	1893017	35° 45' 01.67" -98° 21' 37.90"	35.750464 -98.360528	27-15N-11W:NW4   TD: 10,400'   1,320' FSL / 1,670' FWL	--	--
X-8	LOWMAN #1	273376	1892667	35° 45' 01.69" -98° 21' 42.15"	35.750469 -98.361707	27-15N-11W:NW4   TD: 10,275'   1,320' FSL / 1,320' FWL	--	--
X-9	GUENTHER #1-27	270052	1895952	35° 44' 28.93" -98° 21' 02.16"	35.741368 -98.350599	27-15N-11W:SE4SE4   TD: 10,350'   660' FSL / 1,980' FWL	--	--
X-10	TILL #1-27H	269686	1893780	35° 44' 25.23" -98° 21' 28.48"	35.740341 -98.357911	27-15N-11W:SE4SE4SE4SW4   TD: 16,900'   275' FSL / 2,440' FWL	--	--

Certificate of Authorization No. 7318

Date Staked: 04-09-18  
 Date Drawn: 04-09-18



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

3501123863

EXHIBIT: A (3 of 4)

SHEET: 8.5x14

SHL: 22-15N-11W

BHL-2 27-15N-11W

PETRO LAND SERVICES SOUTH, LLC

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



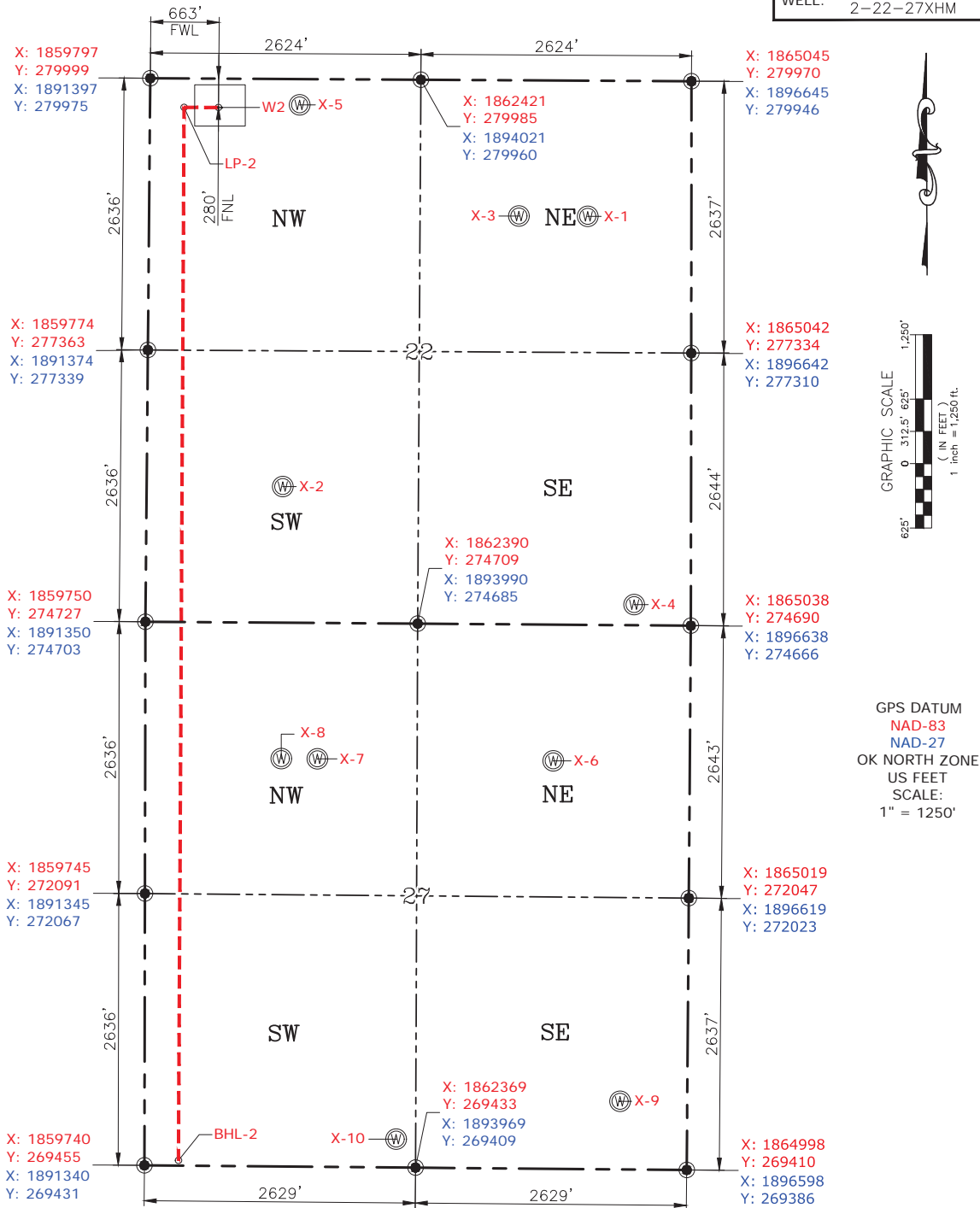
CONTINENTAL RESOURCES, INC (OPERATOR)

BLAINE

County Oklahoma

280' FNL-663' FWL Section 22 Township 15N Range 11W I.M.

WELL: HOMSEY 2-22-27XHM



GPS DATUM  
NAD-83  
NAD-27  
OK NORTH ZONE  
US FEET  
SCALE:  
1" = 1250'

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.

Date Staked: 04-09-18  
Date Drawn: 04-09-18



*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