

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

API NUMBER: 011 24226

Approval Date: 06/20/2019

Expiration Date: 12/20/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 15N Rge: 13W

County: BLAINE

SPOT LOCATION: S2 NE NE NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 340 330

Lease Name: EDGEMERE FARMS

Well No: 2-25-36XHM

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

JON CLIFTON
250317 E 780 RD.
FAY OK 73646

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	12418	6	
2	WOODFORD	13300	7	
3			8	
4			9	
5			10	

Spacing Orders: 652296
652297

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201902757
201902760
201902761

Special Orders:

Total Depth: 22694

Ground Elevation: 1808

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 320

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 19-36691

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 36 Twp 15N Rge 13W County BLAINE

Spot Location of End Point: S2 SE SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 12301

Radius of Turn: 418

Direction: 180

Total Length: 9736

Measured Total Depth: 22694

True Vertical Depth: 13300

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

Notes:

Category

Description

DEEP SURFACE CASING

6/6/2019 - 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

6/6/2019 - 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

INTERMEDIATE CASING

6/6/2019 - 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

MEMO

6/6/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED 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.

011 24226 EDGEMERE FARMS 2-25-36XHM

Category	Description
PENDING CD - 201902757	6/19/2019 - GB1 - (I.O.) 25 & 36-15N-13W EST MULTIUNIT HORIZONTAL WELL X652296 MSSP, WDFD 25-15N-13W X652297 MSSP, WDFD 36-15N-13W (WDFD ADJACENT COMMON SOURCE OF SUPPLY TO MSSP) 50% 25-15N-13W 50% 36-15N-13W CONTINENTAL RESOURCES, INC REC. 6/7/2019 (MILLER)
PENDING CD - 201902760	6/19/2019 - GB1 - (I.O.) 25 & 36-15N-13W X652296 MSSP, WDFD 25-15N-13W X652297 MSSP, WDFD 36-15N-13W COMPL. INT. (36-15N-13W) NCT 150' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (25-15N-13W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL NO OP. NAMED REC. 6/7/2019 (MILLER)
PENDING CD - 201902761	6/19/2019 - GB1 - 25-15N-13W X652296 MSSP, WDFD 1 WELL NO OP. NAMED HEARING 6/24/2019
SPACING - 652296	6/19/2019 - GB1 - (640) 25-15N-13W VAC OTHERS EST OTHERS EXT 593038 MSSP, WDFD, OTHER
SPACING - 652297	6/19/2019 - GB1 - (640) 36-15N-13W VAC OTHERS EXT OTHER EST MSSP, WDFD, OTHERS

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: 25-15N-13W
BHL-2 36-15N-13W



Continental API 011-24226
RESOURCES

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 15N Range 13W I.M.

EDGEMERE FARMS
2-25-36XHM

County BLAINE State OK

Well: _____

Operator CONTINENTAL RESOURCES, INC.

NAD-83							
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE	EXISTING ELEVATION	DESIGN ELEVATION
W2	EDGEMERE FARMS 2-25-36XHM	274609	1812209	35° 45' 11.59" -98° 31' 36.21"	35.753221 -98.526726	340' FNL / 330' FEL (NE/4 SEC 25)	1808.17'
LP-2	LANDING POINT	274366	1812208	35° 45' 09.19" -98° 31' 36.22"	35.752552 -98.526727	584' FNL / 330' FEL (NE/4 SEC 25)	--
BHL-2	BOTTOM HOLE LOCATION	264446	1812160	35° 43' 31.08" -98° 31' 36.14"	35.725301 -98.526706	50' FSL / 330' FEL (SE/4 SEC 36)	--
X-1	WILKINSON #1-25	273665	1808580	35° 45' 02.06" -98° 32' 20.18"	35.750571 -98.538938	25-15N-13W: TD: 11,000' 1,321' FNL / 1,320' FWL	--
X-2	GARRETT #1-25	273979	1810559	35° 45' 05.28" -98° 31' 56.19"	35.751465 -98.532275	25-15N-13W: TD: 10,951' 987' FNL / 1,976' FEL	--
X-3	EDGEMERE FARMS #1-25-36XH	274733	1810890	35° 45' 12.75" -98° 31' 52.23"	35.753541 -98.531174	25-15N-13W: TD: 23,051' 230' FNL / 1,650' FEL	--
X-4	STATE #1-36	265066	1811026	35° 43' 37.15" -98° 31' 49.94"	35.726986 -98.530539	36-15N-13W: TD: 11,155' 660' FSL / 1,468' FEL	--
X-5	STATE #1-36	265092	1807878	35° 43' 37.23" -98° 32' 28.12"	35.727009 -98.541143	36-15N-13W: TD: 11,186' 660' FSL / 660' FWL	--
X-6	AMERICAN HORSE SWD #1	269479	1812099	35° 44' 20.85" -98° 31' 37.21"	35.739126 -98.527004	36-15N-13W: TD: 5,500' 200' FNL / 420' FEL	--
X-7	STATE UNIT "A" #1	266401	1809208	35° 43' 50.25" -98° 32' 12.07"	35.730625 -98.536687	36-15N-13W: TD: 11,150' 1,980' FSL / 1,980' FWL	--

NAD-27							
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE	EXISTING ELEVATION	DESIGN ELEVATION
W2	EDGEMERE FARMS 2-25-36XHM	274585	1843810	35° 45' 11.43" -98° 31' 34.94"	35.753174 -98.526373	340' FNL / 330' FEL (NE/4 SEC 25)	1808.17'
LP-2	LANDING POINT	274341	1843809	35° 45' 09.02" -98° 31' 34.95"	35.752505 -98.526374	584' FNL / 330' FEL (NE/4 SEC 25)	--
BHL-2	BOTTOM HOLE LOCATION	264422	1843761	35° 43' 30.91" -98° 31' 34.87"	35.725254 -98.526354	50' FSL / 330' FEL (SE/4 SEC 36)	--
X-1	WILKERSON #1-25	273640	1840181	35° 45' 01.89" -98° 32' 18.91"	35.750524 -98.538585	25-15N-13W: TD: 11,000' 1,321' FNL / 1,320' FWL	--
X-2	GARRETT #1-25	273955	1842160	35° 45' 05.11" -98° 31' 54.92"	35.751419 -98.531922	25-15N-13W: TD: 10,951' 987' FNL / 1,976' FEL	--
X-3	EDGEMERE FARMS #1-25-36XH	274708	1842491	35° 45' 12.58" -98° 31' 50.96"	35.753494 -98.530821	25-15N-13W: TD: 23,051' 230' FNL / 1,650' FEL	--
X-4	STATE #1-36	265041	1842626	35° 43' 36.98" -98° 31' 48.67"	35.726938 -98.530187	36-15N-13W: TD: 11,155' 660' FSL / 1,468' FEL	--
X-5	STATE #1-36	265067	1839479	35° 43' 37.06" -98° 32' 26.85"	35.726961 -98.540791	36-15N-13W: TD: 11,186' 660' FSL / 660' FWL	--
X-6	AMERICAN HORSE SWD #1	269454	1843700	35° 44' 20.68" -98° 31' 35.94"	35.730979 -98.526651	36-15N-13W: TD: 5,500' 200' FNL / 420' FEL	--
X-7	STATE UNIT "A" #1	266376	1840809	35° 43' 50.08" -98° 32' 10.80"	35.730578 -98.536334	36-15N-13W: TD: 11,150' 1,980' FSL / 1,980' FWL	--

Certificate of Authorization No. 7318

Date Staked: **--**--19
Date Drawn: 05-30-19



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

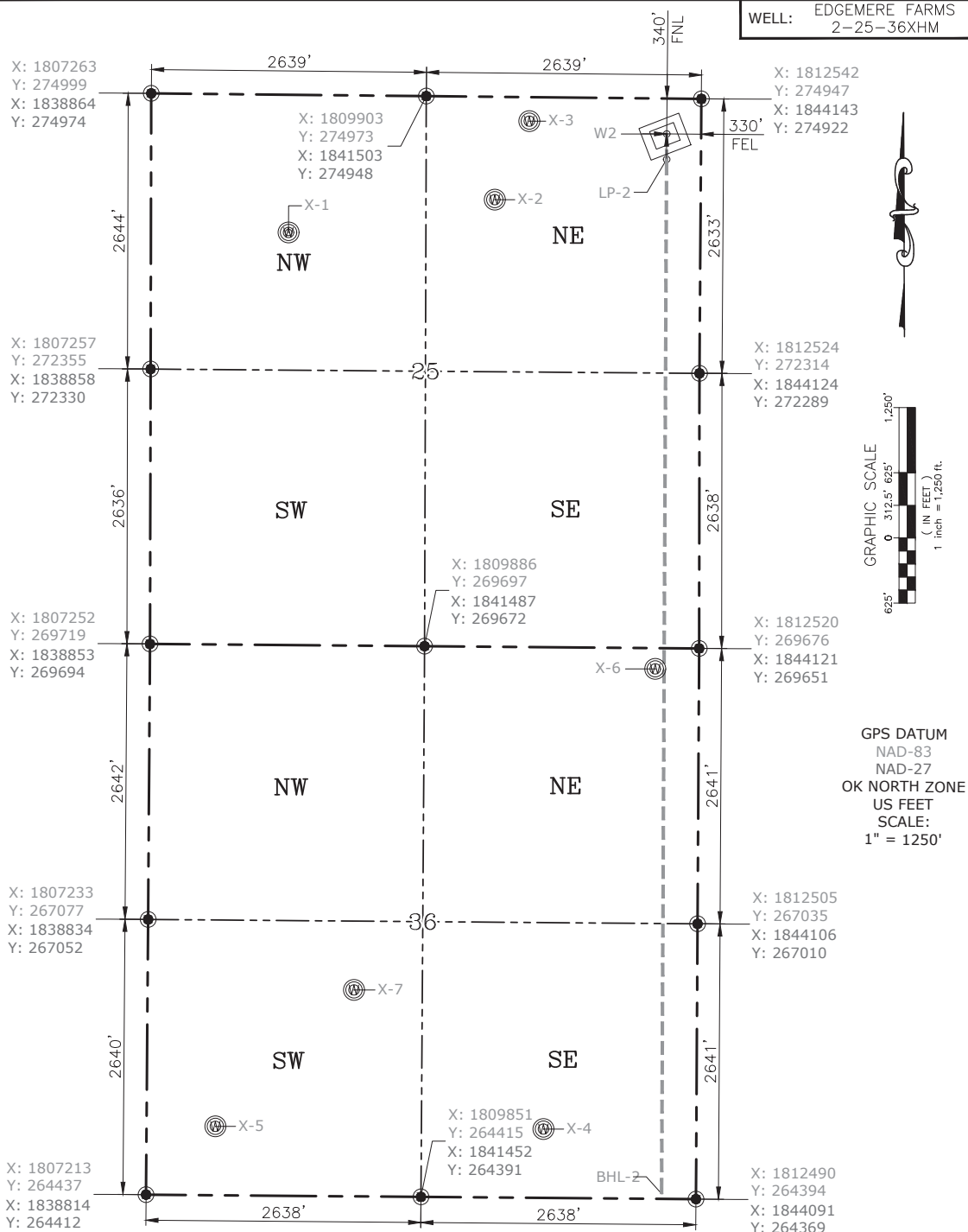
REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	05-30-19	TJW	ISSUED FOR APPROVAL	--

EXHIBIT: A (2 of 2)SHEET: 8.5x14SHL: 25-15N-13WBHL-2 36-15N-13W**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

340' FNL-330' FEL Section 25 Township 15N Range 13W I.M.WELL: EDGEMERE FARMS
2-25-36XHGPS DATUM
NAD-83
NAD-27
OK NORTH ZONE
US FEET
SCALE:
1" = 1250'

CURRENT REV.: 0

Date Drawn: 05-30-19

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