

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

API NUMBER: 051 24613

Approval Date: 04/16/2019

Expiration Date: 10/16/2020

Horizontal Hole
Oil & Gas
Multi Unit

PERMIT TO DRILL

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

County: GRADY

SPOT LOCATION: ☐ SE ☐ SW ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 258 450

Lease Name: FARMS

Well No: 2-36-25XHW

Well will be 258 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

DANIEL P. ANDERSON
PO BOX 303
ALEX OK 73002

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

| | Name | Depth | Name | Depth |
|---|---------------|-------|------|-------|
| 1 | MISSISSIPPIAN | 13920 | 6 | |
| 2 | WOODFORD | 14063 | 7 | |
| 3 | | | 8 | |
| 4 | | | 9 | |
| 5 | | | 10 | |

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901759
201901758
201901757
201901756

Special Orders:

Total Depth: 21863

Ground Elevation: 1034

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 210

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 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: 19-36486

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 25 Twp 6N Rge 6W County GRADY

Spot Location of End Point: C W2 W2 W2

Feet From: SOUTH 1/4 Section Line: 2640

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 13453

Radius of Turn: 478

Direction: 359

Total Length: 7660

Measured Total Depth: 21863

True Vertical Depth: 14572

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category

Description

DEEP SURFACE CASING

4/9/2019 - 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

4/9/2019 - 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

MEMO

4/9/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201901756

4/10/2019 - G58 - 25-6N-6W
X614562 WDFD, OTHER
2 WELLS OTHER
4 WELLS WDFD
NO OP. NAMED
REC 4/9/2019 (MILLER)

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.

051 24613 FARMS 2-36-25XHW

| Category | Description |
|------------------------|--|
| PENDING CD - 201901757 | 4/10/2019 - G58 - 36-6N-6W XOTHER X415357 WDFD 1 WELL OTHER 4 WELLS WDFD NO OP. NAMED REC 4/9/2019 (MILLER) |
| PENDING CD - 201901758 | 4/10/2019 - G58 - (I.O.) 25 & 36-6N-6W EST MULTIUNIT HORIZONTAL WELL X614562 MSSP, WDFD 25-6N-6W X415357 WDFD 36-6N-6W X630719 MSSP 36-6N-6W (MSSP IS ADJACENT CSS TO WDFD) 33% 25-6N-6W 67% 36-6N-6W NO OP. NAMED REC 4/9/2019 (MILLER) |
| PENDING CD - 201901759 | 4/10/2019 - G58 - (I.O.) 25 & 36-6N-6W X614562 MSSP, WDFD 25-6N-6W X415357 WDFD 36-6N-6W X630719 MSSP 36-6N-6W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO THE THURSTON 1-5-6 1H WELL COMPL. INT. 36-6N-6W NCT 150' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. 25-6N-6W NCT 0' FSL, NCT 2640' FNL, NCT 330' FWL NO OP. NAMED REC 4/9/2019 (MILLER) |
| SPACING - 415357 | 4/10/2019 - G58 - (640) 36-6N-6W EXT OTHERS EXT 407996 WDFD, SCMR (VAC BY 630719), OTHER |
| SPACING - 614562 | 4/10/2019 - G58 - (640)/(640)(HOR) 25-6N-6W VAC 416684 WDFD, SCMR EXT (640) 153801 MSSP EST (640)(HOR) WDFD POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL |
| SPACING - 630719 | 4/10/2019 - G58 - (640) 36-6N-6W VAC OTHER VAC 415357 SCMR EXT OTHERS EXT 614562 MSSP EST OTHERS |

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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: 36-6N-6W
 BHL-2 25-6N-6W



051-24613

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 6N Range 6W I.M.

Well: FARMS 2-36-25XHW

County GRADY State OK

Well: --

Operator CONTINENTAL RESOURCES, INC.

NAD-83

| POINT | WELL NAME | NORTHING | EASTING | LATITUDE LONGITUDE | LATITUDE LONGITUDE | | EXISTING ELEVATION | DESIGN ELEVATION |
|-------|----------------------------------|----------|---------|-----------------------------------|-------------------------|--|-----------------------|---------------------|
| W2 | FARMS 2-36-25XHW | 585896 | 2030710 | 34° 56' 35.13" -97° 47' 32.71" | 34.943091 -97.792421 | 258' FSL / 450' FWL (SW/4 SEC 36) | 1032.89' | 1033.92' |
| LP-2 | LANDING POINT | 585896 | 2030590 | 34° 56' 35.13" -97° 47' 34.16" | 34.943091 -97.792821 | 258' FSL / 330' FWL (SW/4 SEC 36) | -- | -- |
| BHL-2 | BOTTOM HOLE LOCATION | 593556 | 2030578 | 34° 57' 50.89" -97° 47' 34.12" | 34.964137 -97.792810 | 2640' FSL / 330' FWL (SW/4 SEC 25) | -- | -- |
| X-1 | WINTER CREEK #1-25XH | 593237 | 2034292 | 34° 57' 47.67" -97° 46' 49.50" | 34.963241 -97.780418 | 25-6N-6W: TD: 21,586' 2,300' FSL / 1,250' FEL | -- | -- |
| X-2 | FARMS #1-25-36XH | 592304 | 2034478 | 34° 57' 38.43" -97° 46' 47.29" | 34.960674 -97.779803 | 25-6N-6W: TD: 20,395' 1,365' FSL / 1,065' FEL | -- | -- |
| X-3 | WINTER CREEK 0606 #1-25-24MXH | 593236 | 2034082 | 34° 57' 47.66" -97° 46' 52.03" | 34.963239 -97.781118 | 25-6N-6W: TD: 20,998' 2,300' FSL / 1,460' FEL | -- | -- |
| X-4 | TERRELL "A" #1 | 588720 | 2031649 | 34° 57' 03.04" -97° 47' 21.36" | 34.950845 -97.789268 | 36-6N-6W: TD: 15,350' 2,202' FNL / 1,400' FWL | -- | -- |
| X-5 | CHARLES #1-36 | 586528 | 2031138 | 34° 56' 41.37" -97° 47' 27.56" | 34.944825 -97.790990 | 36-6N-6W: TD: 13,205' 890' FSL / 880' FWL | -- | -- |

NAD-27

| POINT | WELL NAME | NORTHING | EASTING | LATITUDE LONGITUDE | LATITUDE LONGITUDE | | EXISTING ELEVATION | DESIGN ELEVATION |
|-------|----------------------------------|----------|---------|-----------------------------------|-------------------------|--|-----------------------|---------------------|
| W2 | FARMS 2-36-25XHW | 585854 | 2062307 | 34° 56' 34.88" -97° 47' 31.57" | 34.943022 -97.792104 | 258' FSL / 450' FWL (SW/4 SEC 36) | 1032.89' | 1033.92' |
| LP-2 | LANDING POINT | 585854 | 2062187 | 34° 56' 34.88" -97° 47' 33.02" | 34.943022 -97.792504 | 258' FSL / 330' FWL (SW/4 SEC 36) | -- | -- |
| BHL-2 | BOTTOM HOLE LOCATION | 593514 | 2062175 | 34° 57' 50.65" -97° 47' 32.97" | 34.964068 -97.792493 | 2640' FSL / 330' FWL (SW/4 SEC 25) | -- | -- |
| X-1 | WINTER CREEK #1-25XH | 593196 | 2065888 | 34° 57' 47.42" -97° 46' 48.36" | 34.963172 -97.780101 | 25-6N-6W: TD: 21,586' 2,300' FSL / 1,250' FEL | -- | -- |
| X-2 | FARMS #1-25-36XH | 592262 | 2066074 | 34° 57' 38.18" -97° 46' 46.15" | 34.960605 -97.779486 | 25-6N-6W: TD: 20,395' 1,365' FSL / 1,065' FEL | -- | -- |
| X-3 | WINTER CREEK 0606 #1-25-24MXH | 593194 | 2065678 | 34° 57' 47.41" -97° 46' 50.89" | 34.963170 -97.780802 | 25-6N-6W: TD: 20,998' 2,300' FSL / 1,460' FEL | -- | -- |
| X-4 | TERRELL "A" #1 | 588678 | 2063246 | 34° 57' 02.79" -97° 47' 20.22" | 34.950776 -97.788951 | 36-6N-6W: TD: 15,350' 2,202' FNL / 1,400' FWL | -- | -- |
| X-5 | CHARLES #1-36 | 586486 | 2062734 | 34° 56' 41.12" -97° 47' 26.42" | 34.944756 -97.790673 | 36-6N-6W: TD: 13,205' 890' FSL / 880' FWL | -- | -- |

Certificate of Authorization No. 7318

Date Staked: 3-28-19
 Date Drawn: 3-27-19



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

REVISIONS

| No. | DATE | BY | DESCRIPTION | COMMENTS |
|-----|---------|-----|---------------------|----------|
| 00 | 3-27-19 | HGD | ISSUED FOR APPROVAL | -- |
| | | | | |
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