

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

API NUMBER: 051 24487

Approval Date: 09/21/2018

Expiration Date: 03/21/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

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

County: GRADY

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 495 2310

Lease Name: WHEELER FARMS

Well No: 2-36-1XHS

Well will be 495 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

LISA HART, NINA WILSON & AMELIA HART  
3308 PONDRIDGE ROAD  
CHICKASHA OK 73018

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

	Name	Depth	Name	Depth
1	SPRINGER	11879	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 583128  
153801

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201806367  
201806365  
201806361  
201806362

Special Orders:

Total Depth: 21834

Ground Elevation: 1219

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 370

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: 18-35106

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 01 Twp 6N Rge 6W County GRADY

Spot Location of End Point: S2 S2 S2 S2

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 2640

Depth of Deviation: 11586

Radius of Turn: 382

Direction: 179

Total Length: 9648

Measured Total Depth: 21834

True Vertical Depth: 12330

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

### Notes:

#### Category

#### Description

#### DEEP SURFACE CASING

9/5/2018 - GA3 - 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

9/5/2018 - GA3 - 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

9/5/2018 - GA3 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

#### PENDING CD - 201806361

9/19/2018 - G75 - (I.O.) 36-7N-6W & 1-6N-6W  
EST MULTIUNIT HORIZONTAL WELL  
X583128 SPRG 36-7N-6W  
X153801 SPRG 1-6N-6W  
50% 36-7N-6W  
50% 1-6N-6W  
CONTINENTAL RESOURCES, INC.  
REC 8-28-2018 (JACKSON)

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 24487 WHEELER FARMS 2-36-1XHS

Category	Description
PENDING CD - 201806362	9/19/2018 - G75 - (I.O.) 36-7N-6W & 1-6N-6W X583128 SPRG 36-7N-6W X153801 SPRG 1-6N-6W COMPL. INT. (36-7N-6W) NCT 150' FNL, NCT 0' FSL, NCT 1320' FWL COMPL. INT. (1-6N-6W) NCT 0' FNL, NCT 150' FSL, NCT 1320' FWL CONTINENTAL RESOURCES, INC. REC 8-28-2018 (JACKSON)
PENDING CD - 201806365	9/19/2018 - G75 - 36-7N-6W X583128 SPRG 2 WELLS NO OP. NAMED REC 8-28-2018 (JACKSON)
PENDING CD - 201806367	9/19/2018 - G75 - 1-6N-6W X153801 SPRG 3 WELLS NO OP. NAMED REC 8-28-2018 (JACKSON)
SPACING - 153801	9/19/2018 - G75 - (640) 1-6N-6W EXT OTHERS EXT 106361/147146 SPRG, OTHERS
SPACING - 583128	9/19/2018 - G75 - (640) 36-7N-6W VAC OTHERS EXT 116468 SPRG, OTHER EXT OTHERS

EXHIBIT: A (1 of 4)  
SHEET: 8.5x14  
SHL: 25-7N-6W  
HBHL-2 24-7N-6W  
BHL-2 1-6N-6W



API 051-24487

## 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: HART 2-25-24XHS

County GRADY State OK

Well: WHEELER FARMS 2-36-1XHS

Operator CONTINENTAL RESOURCES, INC.

NAD-83								
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
HW2	HART 2-25-24XHS	623170	2032490	35° 02' 43.77" -97° 47' 10.39"	35.045491 -97.786219	495' FSL / 2280' FWL (SW/4 SEC 25)	1222.14'	1219.43'
HLP-2	LANDING POINT	623169	2032190	35° 02' 43.77" -97° 47' 14.00"	35.045490 -97.787222	495' FSL / 1980' FWL (SW/4 SEC 25)	--	--
HBHL-2	BOTTOM HOLE LOCATION	633225	2032156	35° 04' 23.23" -97° 47' 14.15"	35.073119 -97.787263	50' FNL / 1980' FWL (NW/4 SEC 24)	--	--
W2	WHEELER FARMS 2-36-1XHS	623170	2032520	35° 02' 43.77" -97° 47' 10.03"	35.045491 -97.786119	495' FSL / 2310' FWL (SW/4 SEC 25)	1221.58'	1219.43'
LP-2	LANDING POINT	622626	2032853	35° 02' 38.38" -97° 47' 06.03"	35.043994 -97.785009	50' FNL / 2640' FWL (NW/4 SEC 36)	--	--
BHL-2	BOTTOM HOLE LOCATION	612134	2032882	35° 00' 54.60" -97° 47' 05.96"	35.015167 -97.784990	50' FSL / 2640' FWL (SE/4 SEC 01)	--	--
X-1	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-2	E.W. NUNN #2	631921	2031495	35° 04' 10.34" -97° 47' 22.13"	35.069539 -97.789481	24-7N-6W:NW4   TD: 7,562'   1,020' FSL / 1,320' FWL	--	--
X-3	RUBY #1-24	632585	2034094	35° 04' 16.86" -97° 46' 50.86"	35.071350 -97.780794	24-7N-6W:N2NE4   TD: 7,600'   1,980' FSL / 1,270' FWL	--	--
X-4	WILLIAMS #1-24H	633064	2032101	35° 04' 21.64" -97° 47' 14.81"	35.072678 -97.787449	24-7N-6W:NE4NW4NE4NW4   TD: 17,226'   210' FNL / 1,925' FWL	--	--
X-5	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-6	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-7	WILLIAMS #7-24-13XHW	628153	2032261	35° 03' 33.06" -97° 47' 13.01"	35.059184 -97.786948	24-7N-6W:SW4SE4SE4SE4   TD: 19,931'   194' FSL / 568' FEL	--	--
X-8	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-9	HART #1-25	622414	2033421	35° 02' 36.27" -97° 46' 59.21"	35.043408 -97.783114	25-7N-6W:S2N2N2SE4   TD: 13,890'   2,130' FSL / 1,320' FWL	--	--
X-10	WILLIAMS #6-25-24-13XHW	626829	2033932	35° 03' 19.93" -97° 46' 52.96"	35.055536 -97.781376	25-7N-6W:SE4SE4NW4NE4   TD: 18,991'   1,134' FNL / 1,556' FEL	--	--
X-11	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-12	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-13	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-14	DIBBLE KENT CLIFT SWD #1	624809	2034165	35° 02' 59.95" -97° 46' 50.20"	35.049986 -97.780611	36-7N-6W:E2NW4NW4NE4   TD: 6,150'   2,375' FSL / 565' FWL	--	--
X-15	FITZPATRICK #1-1	616061	2034194	35° 01' 33.41" -97° 46' 50.08"	35.025949 -97.780579	1-6N-6W:NE4   TD: 7,750'   1,320' FSL / 1,320' FWL	--	--
X-16	FITZPATRICK #1-1	616040	2031546	35° 01' 33.27" -97° 47' 21.92"	35.025909 -97.789423	1-6N-6W:NW4   TD: 7,815'   1,320' FSL / 1,320' FWL	--	--
X-17	WHEELER #1-1	612895	2035188	35° 01' 02.08" -97° 46' 38.22"	35.017246 -97.777282	1-6N-6W:NE4SE4SE4   TD: 13,600'   800' FSL / 330' FEL	--	--
X-18	HATFIELD RANCH #1-1H	612374	2031000	35° 00' 57.02" -97° 47' 28.58"	35.015838 -97.791272	1-6N-6W:SW4SE4SW4SW4   TD: 17,996'   300' FSL / 760' FWL	--	--

Certificate of Authorization No. 7318

Date Staked: \*\*--\*\*--18  
Date Drawn: 08-01-18



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

#### REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	08-01-18	HOG	ISSUED FOR APPROVAL	--

