

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

API NUMBER: 051 24636

Approval Date: 05/15/2019

Expiration Date: 11/15/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 6N Rge: 5W

County: GRADY

SPOT LOCATION: SE NE SE NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 1751 327

Lease Name: EARLY

Well No: 2-29-32XHW

Well will be 327 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

SAUNDRA PETTIGREW PARTNERSHIP
122 MAPLE LANE
CHICKASHA OK 73018

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

Name	Depth	Name	Depth
1 WOODFORD	13191	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 629390
416838

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201902210
201902212
201902202
201902203

Special Orders:

Total Depth: 20795

Ground Elevation: 1114

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 420

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 BED AQUIFER

Pit Location Formation: DUNCAN

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

PERMIT NO: 19-36577

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 BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 32 Twp 6N Rge 5W County GRADY

Spot Location of End Point: N2 NW SW SW

Feet From: SOUTH 1/4 Section Line: 1000

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 12698

Radius of Turn: 477

Direction: 175

Total Length: 7348

Measured Total Depth: 20795

True Vertical Depth: 13447

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

Additional Surface Owner	Address	City, State, Zip
BETTY ANN DENTON REVOCABLE T	102 CAULDER DR.	CHICKASHA, OK 73018

Notes:

Category

Description

DEEP SURFACE CASING

5/2/2019 - G71 - 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

5/2/2019 - 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

5/2/2019 - 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 24636 EARLY 2-29-32XHW

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 - 201902202	5/3/2019 - G75 - (I.O.) 29 & 32-6N-5W EST MULTIUNIT HORIZONTAL WELL X629390 WDFD 29-6N-5W X416838 WDFD 32-6N-5W 55% 29-6N-5W 45% 32-6N-5W CONTINENTAL RESOURCES, INC. REC 5-14-2019 (MINMIER)
PENDING CD - 201902203	5/3/2019 - G75 - (I.O.) 29 & 32-6N-5W X629390 WDFD 29-6N-5W X416838 WDFD 32-6N-5W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO R K MORRIS 1-29-17XH & EARLY 4-32-29XH ** COMPL. INT. (29-6N-5W) NCT 150' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. (32-6N-5W) NCT 0' FNL, NCT 150' FSL, NCT 330' FWL CONTINENTAL RESOURCES, INC. REC 5-14-2019 (MINMIER)
PENDING CD - 201902210	** S/B EARLY 4-29-32XHW; CORRECTED AT HEARING PER ATTORNEY FOR OPERATOR 5/3/2019 - G75 - 29-6N-5W X629390 WDFD 4 WELLS NO OP. NAMED REC 5-14-2019 (MINMIER)
PENDING CD - 201902212	5/3/2019 - G75 - 32-6N-5W X416838 WDFD 4 WELLS NO OP. NAMED REC 5-14-2019 (MINMIER)
SPACING - 416838	5/3/2019 - G75 - (640) 32-6N-5W VAC OTHER EST OTHER EXT OTHERS EXT 415357 WDFD, OTHERS
SPACING - 629390	5/3/2019 - G75 - (640) 29-6N-5W EXT OTHERS EXT 610650 WDFD, OTHERS

EXHIBIT: A (1 of 2)
SHEET: 8.5x11
SHL: 30-6N-5W
BHL-2 32-6N-5W



API 051-24636

COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 30 Township 6N Range 5W I.M.

Well: EARLY 2-29-32XHW

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	EARLY 2-29-32XHW	594473	2040413	34° 57' 59.75" -97° 45' 35.92"	34.966597 -97.759978	1751' FNL / 327' FEL (NE/4 SEC 30)	1110.53'	1113.59'
LP-2	LANDING POINT	594475	2041070	34° 57' 59.75" -97° 45' 28.03"	34.966598 -97.757786	1751' FNL / 330' FWL (NW/4 SEC 29)	--	--
BHL-2	BOTTOM HOLE LOCATION	586852	2041110	34° 56' 42.38" -97° 45' 27.77"	34.945104 -97.757713	1000' FSL / 330' FWL (SW/4 SEC 32)	--	--
X-1	R. K. MORRIS #1-29-14XH	594643	2040999	34° 58' 01.42" -97° 45' 28.88"	34.967062 -97.758022	29-6N-5W: TD: 25,270' 1,582' FNL / 260' FWL	--	--
X-2	MOWDY # "A-1"	586314	2041932	34° 56' 39.01" -97° 45' 17.91"	34.944169 -97.754975	32-6N-5W: TD: 15,025' 660' FSL / 1,150' FWL	--	--
X-3	EARLY #1-32-29XH	586106	2043024	34° 56' 56.71" -97° 45' 04.73"	34.949086 -97.751315	32-6N-5W: TD: 21,435' 2,450' FSL / 2,250' FWL	--	--

NAD-27

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W2	EARLY 2-29-32XHW	594431	2072010	34° 57' 59.50" -97° 45' 34.78"	34.966528 -97.759661	1751' FNL / 327' FEL (NE/4 SEC 30)	1110.53'	1113.59'
LP-2	LANDING POINT	594433	2072666	34° 57' 59.51" -97° 45' 26.89"	34.966529 -97.757470	1751' FNL / 330' FWL (NW/4 SEC 29)	--	--
BHL-2	BOTTOM HOLE LOCATION	586610	2072707	34° 56' 42.13" -97° 45' 26.63"	34.945035 -97.757397	1000' FSL / 330' FWL (SW/4 SEC 32)	--	--
X-1	R. K. MORRIS #1-29-14XH	594643	2040999	34° 58' 01.42" -97° 45' 28.88"	34.967062 -97.758022	29-6N-5W: TD: 25,270' 1,582' FNL / 260' FWL	--	--
X-2	MOWDY # "A-1"	586272	2073528	34° 56' 38.76" -97° 45' 16.77"	34.944100 -97.754659	32-6N-5W: TD: 15,025' 660' FSL / 1,150' FWL	--	--
X-3	EARLY #1-32-29XH	586064	2074621	34° 56' 56.46" -97° 45' 03.59"	34.949017 -97.750998	32-6N-5W: TD: 21,435' 2,450' FSL / 2,250' FWL	--	--

Certificate of Authorization No. 7318

Date Staked: **--**--19
Date Drawn: 4-11-19



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

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	4-11-19	TJW	ISSUED FOR APPROVAL	---
01	04-18-19	MJL	REV. METER RUN LOCATION	EXHIBIT-B
02	04-25-19	HOG	MOVED PAD/REV'D ACCESS	REV'D EXHIBIT A1-2, B, C, F, G, H, I

Oklahoma PLS No.1196 DATE