

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

API NUMBER: 039 22500

Approval Date: 04/26/2017
Expiration Date: 04/26/2018

Straight Hole Disposal

PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 14N Rge: 14W

County: CUSTER

SPOT LOCATION: ☐ SW ☐ SE ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 283 333

Lease Name: WOORI

Well No: 1-20 SWD

Well will be 283 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

CONTINENTAL RESOURCES INC
20 N BROADWAY AVE
OKC OK 73126-

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

	Name	Depth	Name	Depth
1	SHAWNEE	6460	6	
2	DOUGLAS	7800	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 9000

Ground Elevation: 1703

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 400

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: 17-32418

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Notes:

Category

Description

DEEP SURFACE CASING

4/21/2017 - 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

4/21/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE

MEMO

4/21/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING

4/26/2017 - G60 - N/A - DISPOSAL WELL

SURFACE CASING

4/21/2017 - G71 - MIN. 500' PER ORDER 42589

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.

039 22500 WOORI 1-20 SWD

Page 2 of 2



October 26, 2017

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

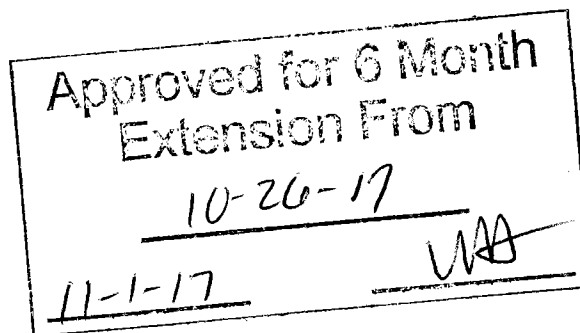
RE: Woori 1-20 SWD, API #039-22500

Continental Resources, Inc. would like to request a six month extension on the Parr 1-30-19XH for Permit to Drill, API #039-22500. The current permit expires on 10/26/2017. It is located in the SW SE SE SE Sec 20-14N-14W, Custer County. Please let me know if you need any further information.

Sincerely,

CONTINENTAL RESOURCES, INC.

Arianna Bedell
Regulatory Compliance
(405) 774-5846
Arianna.bedell@clr.com



11/1/2017

permit ex. 10/26/17
Surety ex. 6/12/19
operator # 3186



October 26, 2017

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

RE: Woori 1-20 SWD, API #039-22500

Continental Resources, Inc. would like to request a six month extension on the Parr 1-30-19XH for Permit to Drill, API #039-22500. The current permit expires on 10/26/2017. It is located in the SW SE SE SE Sec 20-14N-14W, Custer County. Please let me know if you need any further information.

Sincerely,

CONTINENTAL RESOURCES, INC.

Arianna Bedell
Regulatory Compliance
(405) 774-5846
Arianna.bedell@clr.com

RECEIVED

NOV 03 2017

OKLAHOMA CORPORATION
COMMISSION

Requested during Network shutdown.

UH