

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

API NUMBER: 137 27503

Approval Date: 08/24/2017
Expiration Date: 08/24/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 1S Rge: 4W

County: STEPHENS

SPOT LOCATION: SW NE SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 875 850

Lease Name: BETTS

Well No: M1-6-31XH

Well will be 850 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

CHARLES D. PARKS
8410 BLUE BONNET RD
DALLAS TX 75209

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	10225	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 640110

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201704520
201704519
201704516

Special Orders:

Total Depth: 18630

Ground Elevation: 1056

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 600

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: ON SITE

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: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: PURCELL

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

PERMIT NO: 17-32993

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: ON SITE
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: 2
Liner not required for Category: 2
Pit Location is BED AQUIFER
Pit Location Formation: PURCELL

HORIZONTAL HOLE 1

Sec 31 Twp 1N Rge 4W County STEPHENS
Spot Location of End Point: NE NE SW NW
Feet From: NORTH 1/4 Section Line: 1500
Feet From: WEST 1/4 Section Line: 1200
Depth of Deviation: 10173
Radius of Turn: 441
Direction: 356
Total Length: 7764
Measured Total Depth: 18630
True Vertical Depth: 11404
End Point Location from Lease,
Unit, or Property Line: 1200

Notes:

Table with 2 columns: Category, Description. Rows include DEEP SURFACE CASING, HYDRAULIC FRACTURING, MEMO, and PENDING CD - 201704516.

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.

Category	Description
PENDING CD - 201704519	8/23/2017 - G64 - (I.O.) 6-1S-4W & 31-1N-4W EST MULTIUNIT HORIZONTAL WELL X640110 MSSP, OTHERS 31-1N-4W X201704516 MSSP, OTHERS 6-1S-4W 33% 6-1S-4W 67% 31-1N-4W CONTINENTAL RESOURCES, INC. REC. 8-22-2017 (M. PORTER)
PENDING CD - 201704520	8/23/2017 - G64 - (I.O.) 6-1S-4W & 31-1N-4W X640110 MSSP, OTHERS 31-1N-4W X201704516 MSSP, OTHERS 6-1S-4W COMPL. INT. (6-1S-4W) NCT 150' FSL, NCT 0' FNL, NCT 660' FEL COMPL. INT. (31-1N-4W) NCT 0' FSL, NCT 150' FNL, NCT 660' FEL CONTINENTAL RESOURCES, INC. REC. 8-22-2017 (M. PORTER)
SPACING - 640110	8/23/2017 - G64 - (640) 31-1N-4W EXT OTHER EST (HOR) MSSP, OTHER POE TO BHL NCT 660' FB (COEXIST SP. ORDER 158617/161613 SPRG & ORDER 184770 SPRG)

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.

Permit ex 2/24/18
Surety ex 6/12/18
operator # 3186



February 6, 2018

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

RE: Betts M1-6-31XH, API #137-27503 ✓

Continental Resources, Inc. would like to request a six month extension on the Betts M1-6-31XH for Permit to Drill, API #137-27503. The current permit expires on 02/24/2018. It is located in the SW NE SW SW Sec 06-01S-04W, Stephens County. Please let me know if you need any further information.

Sincerely,

CONTINENTAL RESOURCES, INC.

Christi Scritchfield

Christi Scritchfield
Regulatory Compliance
(405) 234-9257
christi.scritchfield@clr.com

Approved for 6 Month
Extension From
2-24-18
2-2018 UB

RECEIVED

FEB 08 2018

OKLAHOMA CORPORATION
COMMISSION

SN