

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

API NUMBER: 011 23686

Approval Date: 11/18/2016

Expiration Date: 05/18/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 16N Rge: 11W

County: BLAINE

SPOT LOCATION: ☐ SE ☐ NE ☐ NE ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 2246 304

Lease Name: HOUSES QUARTER

Well No: 10-7-6XH

Well will be 304 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

JERRY STEVEN & CHERYL ANN HOUSE TRUST
AGREEMENT
RT 2 BOX 358
WATONGA OK 73772

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	9320	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 647043
656886

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201602971
201602972
201602476

Special Orders:

Total Depth: 15507

Ground Elevation: 1568

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 180

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: 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: 16-31842

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

HORIZONTAL HOLE 1

Sec 06 Twp 16N Rge 11W County BLAINE

Spot Location of End Point: N2 NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 10031

Radius of Turn: 477

Direction: 359

Total Length: 4727

Measured Total Depth: 15507

True Vertical Depth: 10302

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

Notes:

Category

Description

DEEP SURFACE CASING

11/18/2016 - 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

11/18/2016 - 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.

INTERMEDIATE CASING

11/18/2016 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES

MEMO

11/18/2016 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201602476

11/18/2016 - G64 - (E.O.) 7-16N-11W
X647043 MSSP
6 WELLS
NO OP. NAMED
REC. 11-18-2016 (COLAW)

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.

011 23686 HOUSES QUARTER 10-7-6XH

Category	Description
PENDING CD - 201602971	11/18/2016 - G64 - (I.O.) 7 & 6-16N-11W EST MULTIUNIT HORIZONTAL WELL X647043 MSSP, OTHER 7-16N-11W X656886 MSSP, OTHER 6-16N-11W 35% 7-16N-11W 65% 6-16N-11W NO OP. NAMED REC. 8-22-2016 (COLAW)
PENDING CD - 201602972	11/18/2016 - G64 - (I.O.) 7 & 6-16N-11W X647043 MSSP, OTHER 7-16N-11W X656886 MSSP, OTHER 6-16N-11W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO AN EXISTING WELLBORE SHL (7-16N-11W) NE4 SE4 COMPL. INT. (7-16N-11W) NCT 2640' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (6-16N-11W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL NO OP. NAMED REC. 8-22-2016 (COLAW)
SPACING - 647043	11/18/2016 - G64 - (640) 7-16N-11W VAC 486551 CSTR, OTHERS EST MSSP, OTHERS
SPACING - 656886	11/18/2016 - G64 - (640) 6-16N-11W EXT OTHER EXT 647043 MSSP, OTHERS