

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

API NUMBER: 051 23939

Approval Date: 04/07/2015  
Expiration Date: 10/07/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 4N Rge: 5W

County: GRADY

SPOT LOCATION:  NW  NW  NW  NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 290 320

Lease Name: SINCLAIR

Well No: 1-15-22XH

Well will be 290 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC

Telephone: 4052349000; 4052349

OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC  
PO BOX 269000  
OKLAHOMA CITY, OK 73126-9000

JANET M. COTTRELL  
P.O. BOX 690491  
TULSA OK 74169

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

	Name	Depth	Name	Depth
1	SYCAMORE	13273	6	
2	WOODFORD	13467	7	
3	HUNTON	13754	8	
4			9	
5			10	

Spacing Orders: 388039  
584185  
162653

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201501159  
201501160  
201500944

Special Orders:

Total Depth: 24000

Ground Elevation: 1034

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 300

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 3000 Average: 2500

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: 1A

Liner required for Category: 1A

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 15-29735

H. SEE MEMO

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This permit does not address the right of entry or settlement of surface damages. Scriber or removal of this watermark is prohibited.

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: 250000
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: 3
Liner required for Category: 3
Pit Location is ALLUVIAL
Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 22 Twp 4N Rge 5W County GRADY
Spot Location of End Point: S2 SW SW SW
Feet From: SOUTH 1/4 Section Line: 30
Feet From: WEST 1/4 Section Line: 330
Depth of Deviation: 13350
Radius of Turn: 478
Direction: 179
Total Length: 9899
Measured Total Depth: 24000
True Vertical Depth: 13754
End Point Location from Lease,
Unit, or Property Line: 30

Additional Surface Owner Address City, State, Zip
HAROLD & SERENA SINCLAIR 2440 KISKA DR. MODESTO, CA 95355

Notes:

Table with 2 columns: Category, Description. Rows include DEEP SURFACE CASING, MEMO, PENDING CD - 201500944, and PENDING CD - 201501159.

Category	Description
PENDING CD - 201501160	4/7/2015 - G76 - (I.O.) 15 & 22-4N-5W X162653 15 & 22-4N-5W SCMR, HNTN X388039 15-4N-5W WDFD X584185 22-4N-5W WDFD SHL NW4 NW4 15-4N-5W 1ST PERF 15-4N-5W NCT 150 FNL, NCT 330 FWL LAST PERF 15-4N-5W NCT 0 FSL, NCT 330 FWL 1ST PERF 22-4N-5W NCT 0 FNL, NCT 330 FWL LAST PERF 22-4N-5W NCT 150 FSL, NCT 330 FWL NO OP. NAMED REC. 3/23/2015 (M. PORTER)
SPACING - 162653	4/7/2015 - G76 - (640) 15 & 22-4N-5W VAC OTHERS EXT 113884 SCMR, HNTN, OTHERS EST OTHERS
SPACING - 388039	4/3/2015 - G76 - (640) 15-4N-5W EXT 197445/212972 WDFD
SPACING - 584185	4/3/2015 - G76 - (640) 22-4N-5W EXT 396761 WDFD, OTHERS EXT OTHERS