

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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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

Table with 3 columns: Additional Surface Owner, Address, City, State, Zip. Row 1: 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 with detailed descriptions of well operations and permits.

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