

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

API NUMBER: 117 23571

Approval Date: 12/20/2013  
Expiration Date: 06/20/2014

Straight Hole Disposal

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 20N Rge: 8E County: PAWNEE  
SPOT LOCATION:  NE  NW  NE  NW FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 245 718

Lease Name: CECKLER Well No: 1-34SWD Well will be 245 feet from nearest unit or lease boundary.  
Operator Name: OSAGE EXPLORATION & DEVELOPMENT INC Telephone: 4052700989 OTC/OCC Number: 23098 0

OSAGE EXPLORATION & DEVELOPMENT INC  
100 PARK AVE STE 1040  
OKLAHOMA CITY, OK 73102-8018

WILLIAM H. CECKLER  
P.O. BOX 189  
HANCOCK ME 04640

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

Name	Depth	Name	Depth
1 ARBUCKLE	3063	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4100 Ground Elevation: 771 **Surface Casing: 340** Depth to base of Treatable Water-Bearing FM: 270

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 13-25020  
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

Notes:

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

SPACING

12/20/2013 - G75 - NA-DISPOSAL WELL

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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.

117 23571 CECKLER 1-34SWD