

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

API NUMBER: 047 24589 A

Approval Date: 02/28/2013
Expiration Date: 08/28/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 21N Rge: 8W County: GARFIELD
SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 250 1320

Lease Name: ESTILL Well No: 7H Well will be 250 feet from nearest unit or lease boundary.
Operator Name: USEDC OKC LLC Telephone: 7166360401 OTC/OCC Number: 22989 0

USEDC OKC LLC
2350 N FOREST RD
GETZVILLE, NY 14068-1296

ILA MAE SMITH & BILLY Q. SMITH, TRUSTEES
5704 NW 82ND ST.
OKLAHOMA CITY OK 73132

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

Name	Depth	Name	Depth
1 MISSISSIPPI	7020	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 62980 Location Exception Orders: 598280 Increased Density Orders: 598325

Pending CD Numbers: Special Orders:

Total Depth: 12530 Ground Elevation: 1235 Surface Casing: 500 Depth to base of Treatable Water-Bearing FM: 350

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

PIT 1 INFORMATION

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? Y

Wellhead Protection Area? Y

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

Approved Method for disposal of Drilling Fluids:

H. CLOSED SYSTEM=STEEL PITS (REQUIRED PER ORDER # 287231

E. Haul to Commercial pit facility: Sec. 15 Twn. 24N Rng. 7W Cnty. 47 Order No: 284167

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.

HORIZONTAL HOLE 1

Sec 19 Twp 21N Rge 8W County GARFIELD

Spot Location of End Point: N2 N2 N2 NE

Feet From: SOUTH 1/4 Section Line: 2440

Feet From: WEST 1/4 Section Line: 1320

Depth of Deviation: 6800

Radius of Turn: 600

Direction: 360

Total Length: 4787

Measured Total Depth: 12530

True Vertical Depth: 7400

End Point Location from Lease,
Unit, or Property Line: 200

Additional Surface Owner	Address	City, State, Zip
LU ANN WILSON	11904 GRANDE MESA TERRACE	OKLAHOMA CITY, OK 73162

Notes:

Category

Description

INCREASED DENSITY - 598325

2/26/2013 - G75 - 19-21N-8W
X62980 MISS
3 WELLS
NO OP. NAMED
6-1-2012

LOCATION EXCEPTION - 598280

2/26/2013 - G75 - (I.O.) 19-21N-8W
X62980 MISS
SHL NCT 250 TO SL, NCT 1220 TO EL
FIRST PERF NCT 850 TO SL, NCT 1220 TO EL
LAST PERF NCT 200 TO NL, NCT 1220 TO EL
BHL NCT 200 TO NL, NCT 1220 TO EL
NO OP. NAMED
5-31-2012

MUNICIPAL WATER WELLS

2/12/2013 - G71 - ENID, 8 WELLS, 19-21N-8W

SPACING - 62980

2/26/2013 - G75 - (640) 19-21N-08W
VAC 53277 MPLM
EXT 60948 MISS