

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

API NUMBER: 047 24812 A

Approval Date: 03/11/2014
Expiration Date: 09/11/2014

Horizontal Hole Oil & Gas

Amend reason: ADD DISPOSAL METHOD; UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 24N Rge: 6W County: GARFIELD
SPOT LOCATION: NE NW SE SW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 200 1900

Lease Name: MITCHELL REDGATE 2406 Well No: 1-12H Well will be 200 feet from nearest unit or lease boundary.
Operator Name: SANDRIDGE EXPLORATION & PRODUCTION LLC Telephone: 4054296169 OTC/OCC Number: 22281 0

SANDRIDGE EXPLORATION & PRODUCTION LLC
123 ROBERT S KERR AVE STE 1702
OKLAHOMA CITY, OK 73102-6406

JOSEPH FARRENT
P.O. BOX 8142
EDMOND OK 73083

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	5625	6
2			7
3			8
4			9
5			10

Spacing Orders: 623302

Location Exception Orders: 623504
624845

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11345

Ground Elevation: 1093

Surface Casing: 1500

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: 10000 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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: FAIRMONT

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 14-26307

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

E. Haul to Commercial pit facility: Sec. 15 Twn. 24N Rng. 7W Cnty. 47 Order No: 608693

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 12 Twp 24N Rge 6W County GARFIELD

Spot Location of End Point: S2 S2 SW SW

Feet From: SOUTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 5132

Radius of Turn: 890

Direction: 190

Total Length: 4815

Measured Total Depth: 11345

True Vertical Depth: 5709

End Point Location from Lease,
Unit, or Property Line: 150

Additional Surface Owner	Address	City, State, Zip
STEVEN V. REDGATE	P.O. BOX 197	WAYNOKA, OK 73860
CONNIE S. REDGATE	BOX 197	WAYNOKA, OK 73860
JOHN C. MITCHELL, JR.	41 WILDERNESS RD.	ENID, OK 73703

Notes:

Category	Description
DEEP SURFACE CASING	1/31/2014 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
EXCEPTION TO RULE - 623504	6/24/2014 - G75 - (I.O.) 12-24N-6W X165:10-3-28(C)(2)(B) MSSP (MITCHELL REDGATE 2406 1-12H) NCT 350 LORNA 2-12 (NW4 NW4) SANDRIDGE EXPLOR. & PROD., L.L.C. 4-3-2014
LOCATION EXCEPTION - 624845	6/24/2014 - G75 - (I.O.) 12-24N-6W X623302 MSSP COMPL. INT. NCT 200 FNL, NCT 150 FSL, NCT 560 FWL SANDRIDGE EXPLOR. & PROD., L.L.C. 5-5-2014
SPACING - 623302	6/24/2014 - G75 - (640)(HOR) 12-24N-6W EST MSSP POE TO BHL NLT 660' FB (SUPERSEDE SP. ORDER # 177406 MISS S2 & ORDER # 511555 MISS, N2 NE4 & SE4 NE4; COEXIST SP. ORDER # 511555 MISS, SW4 NE4, SCHNEIDER 3 & LORNA 2-12 W2 NW4, MISS, LEASE BASIS)

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.

047 24812 MITCHELL REDGATE 2406 1-12H