

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

API NUMBER: 047 24846 A

Approval Date: 04/29/2014
Expiration Date: 10/29/2014

Horizontal Hole Oil & Gas

Amend reason: ADD DISPOSAL METHOD

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 24N Rge: 7W County: GARFIELD
SPOT LOCATION: NW NW NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 200 1390

Lease Name: EDDIE 2407 Well No: 1-1H 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

ROBERT E. GRAY & SHAUNA J. GRAY
P.O. BOX 198
KREMLIN OK 73753

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	5753	6
2			7
3			8
4			9
5			10

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201402222
201402223

Special Orders:

Total Depth: 11759 Ground Elevation: 1128 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 390

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: KINGMAN

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-26841

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 01 Twp 24N Rge 7W County GARFIELD

Spot Location of End Point: N2 N2 NE NW

Feet From: NORTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 1980

Depth of Deviation: 5254

Radius of Turn: 890

Direction: 5

Total Length: 5107

Measured Total Depth: 11759

True Vertical Depth: 5831

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

Notes:

Category	Description
DEEP SURFACE CASING	4/4/2014 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
PENDING CD - 201402222	4/9/2014 - G75 - (E.O.)(640)(HOR) 1-24N-7W EXT 621852 MSSP, OTHER POE TO BHL NLT 660' FB (SUPERSEDE SP. ORDER # 225248 MSSLM) SANDRIDGE EXPLOR. & PROD., L.L.C. REC 4-28-2014 (CANDLER)
PENDING CD - 201402223	4/9/2014 - G75 - (E.O.) 1-24N-7W X201402222 MSSP COMPL. INT. NCT 150 FSL, NCT 150 FNL, NCT 1200 FWL SANDRIDGE EXPLOR. & PROD., L.L.C. REC 4-28-2014 (CANDLER)

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