

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

API NUMBER: 047 24697

Approval Date: 05/21/2013
Expiration Date: 11/21/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 24N Rge: 7W County: GARFIELD
SPOT LOCATION: SW SW SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 265 1340

Lease Name: RG 2407 Well No: 2-22H Well will be 265 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
P.O. BOX 192
KREMLIN OK 73753

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	5980	6
2			7
3			8
4			9
5			10

Spacing Orders: 609184

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201302612
201302613

Special Orders:

Total Depth: 11711

Ground Elevation: 1248

Surface Casing: 660

Depth to base of Treatable Water-Bearing FM: 410

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? Y

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: BISON

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 13-23228

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION

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 22 Twp 24N Rge 7W County GARFIELD

Spot Location of End Point: N2 N2 N2 NW

Feet From: NORTH 1/4 Section Line: 200

Feet From: WEST 1/4 Section Line: 1320

Depth of Deviation: 5399

Radius of Turn: 577

Direction: 360

Total Length: 4567

Measured Total Depth: 11711

True Vertical Depth: 6289

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

Notes:

Category	Description
PENDING CD - 201302612	5/8/2013 - G30 - 22-24N-7W X609184 MSSP 1 WELL NO OP. NAMED REC 5/17/13 (P.PORTER)
PENDING CD - 201302613	5/8/2013 - G30 - 22-24N-7W X609184 MSSP COMP. INT. NCT 150 FSL, NCT 150 FNL, NCT 660 FWL NO OP. NAMED REC 5/17/13 (P.PORTER)
SPACING - 609184	5/8/2013 - G30 - (640 HOR) 22-24N-7W EST MSSP POE TO BHL: NLT 660' FB (SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH DEVELOPED NON-HORIZONTAL SPACING UNITS)
WELLHEAD PROTECTION AREA	5/7/2013 - G71 - GARFIELD CO RWD - 1 WPA, NE/4 21-24N-7W