

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

API NUMBER: 047 24942

Approval Date: 10/01/2014  
Expiration Date: 04/01/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 24N Rge: 8W County: GARFIELD  
SPOT LOCATION:  NE  NW  NW  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 275 2076

Lease Name: POSPISIL 2408 Well No: 1-34H Well will be 275 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

SANDRIDGE EXPLORATION & PRODUCTION, LLC  
123 ROBERT S. KERR AVE.  
OKLAHOMA CITY OK 73102

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

Name	Depth	Name	Depth
1 MISSISSIPPI LIME	6302	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 70023

Location Exception Orders: 629648

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11954

Ground Elevation: 1375

**Surface Casing: 600**

Depth to base of Treatable Water-Bearing FM: 350

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: CEDAR HILLS

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 14-28304

E. Haul to Commercial pit facility: Sec. 15 Twn. 24N Rng. 7W Cnty. 47 Order No: 623842

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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 34 Twp 24N Rge 8W County GARFIELD

Spot Location of End Point: S2 S2 SE SE

Feet From: SOUTH 1/4 Section Line: 200

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 5822

Radius of Turn: 890

Direction: 165

Total Length: 4734

Measured Total Depth: 11954

True Vertical Depth: 6399

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

Notes:

Category

Description

LOCATION EXCEPTION - 629648

10/1/2014 - G75 - (I.O.) 34-24N-8W  
X70023 MSSLM  
COMPL. INT. NCT 150 FNL, NCT 150 FSL, NCT 560 FEL  
SANDRIDGE EXPLOR. & PROD., L.L.C.  
8-25-2014

SPACING - 70023

10/1/2014 - G75 - (640) 34-24N-8W  
VAC 48714 MRMC  
EXT 53379 MSSLM  
EXT OTHER