

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

API NUMBER: 003 22126

Approval Date: 08/30/2011
Expiration Date: 02/29/2012

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 28N Rge: 9W County: ALFALFA
SPOT LOCATION: SW SE SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 250 700

Lease Name: TONY Well No: 1-15H Well will be 250 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

TIMOTHY SCOTT BURNET, ANDREW PAUL BURNET &
BRADLEY BOB REIGER
RR 1, BOX 112
MANCHESTER OK 73758

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

	Name	Depth	Name	Depth
1	TONKAWA	4045	6	
2	COTTAGE GROVE	4415	7	
3	OSWEGO	4780	8	
4	MISSISSIPPI	5005	9	
5			10	

Spacing Orders: 201103861

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201103862

Special Orders:

Total Depth: 10377

Ground Elevation: 1337

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 210

Deep surface casing has been approved

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 11-18347

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 15 Twp 28N Rge 9W County ALFALFA

Spot Location of End Point: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 200

Feet From: WEST 1/4 Section Line: 700

Depth of Deviation: 4592

Radius of Turn: 577

Direction: 360

Total Length: 4879

Measured Total Depth: 10377

True Vertical Depth: 5169

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

Notes:

Category

Description

PENDING CD - 201103862

8/30/2011 - G30 - 15-28N-9W
X201103861 TNKW, CGGV, OSWG, MISS
SL NCT 250 FSL, NCT 700 FWL
POE NCT 330 FSL, 700 FWL
1ST PERF NCT 330 FSL, 700 FWL
LAST PERF NCT 330 FNL, 700 FWL
BHL NCT 200 FNL, 700 FWL
100' TOLERANCE
NO OP. NAMED
REC 8/29/11 (NORRIS)

SPACING - 201103861

8/30/2011 - G30 - (640) 15-28N-9W
VAC 215175 TNKW, CGGV, OSWG, MSSCT, MSSLM
VAC 202582 MSSP
EXT 578632 TNKW, CGGV, OSWG, MISS
REC 8/29/11 (NORRIS)