

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

API NUMBER: 047 24986 A

Approval Date: 12/31/2014
Expiration Date: 06/30/2015

Horizontal Hole Oil & Gas

Amend reason: OCC CORRECTION - CORRECT SURFACE
OWNER NAME

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 24N Rge: 8W County: GARFIELD
SPOT LOCATION: SE SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 210 800

Lease Name: STEVESON 2408 Well No: 1-28/21H Well will be 210 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

RHONDA HROMAS STEVESON
600 SW KENYON ST #D301
SEATTLE WA 98106

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	6	6289
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201408756
201408757

Special Orders:

Total Depth: 17143 Ground Elevation: 1374 **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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-29192

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 21 Twp 24N Rge 8W County GARFIELD

Spot Location of End Point: N2 N2 NE NE

Feet From: NORTH 1/4 Section Line: 150

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 5789

Radius of Turn: 862

Direction: 1

Total Length: 10000

Measured Total Depth: 17143

True Vertical Depth: 6337

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

Notes:

Category	Description
DEEP SURFACE CASING	12/31/2014 - G76 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
PENDING CD - 201408756	12/31/2014 - G91 - (640)(IRR) E2 21 & E2 28-24N-8W SU VAC 206297 MSSP, OTHERS 21-24N-8W VAC 236637 MGCST, MSSLM, OTHERS 28-24N-8W EST MSSP, OTHERS POE TO BHL NCT 660' FB REC. 12-15-2014 (P. PORTER)
PENDING CD - 201408757	12/31/2014 - G91 - (I.O.) E2 21 & E2 28-24N-8W X201408756 MSSP COMPL. INT. NCT 150 FSL (SEC 28), NCT 150 FNL (SEC 21), NCT 560 FEL NO OP. NAMED REC. 12-15-2014 (P. PORTER)

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