

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

API NUMBER: 047 24931

Approval Date: 09/15/2014
Expiration Date: 03/15/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 23N Rge: 5W County: GARFIELD
SPOT LOCATION: SW NE NW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 380 1690

Lease Name: **TEBOW 2305** Well No: **1-21H** Well will be **380** 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

YVONNE K. STEVENS
3010 NW LYNWOOD
CORVALLIS OR 97330

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	5952	6
2			7
3			8
4			9
5			10

Spacing Orders: No Spacing

Location Exception Orders: _____

Increased Density Orders: _____

Pending CD Numbers: 201405816
201405817

Special Orders: _____

Total Depth: 11686 Ground Elevation: 1223 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 420

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: 14-28294

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 23N Rge 5W County GARFIELD

Spot Location of End Point: SE SW SE SE

Feet From: SOUTH 1/4 Section Line: 150

Feet From: EAST 1/4 Section Line: 880

Depth of Deviation: 5452

Radius of Turn: 800

Direction: 170

Total Length: 4977

Measured Total Depth: 11686

True Vertical Depth: 6252

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

Notes:

Category	Description
DEEP SURFACE CASING	9/15/2014 - 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 - 201405816	9/15/2014 - G91 - (320) E2 21-23N-5W SU VAC OTHERS EST MSSP, OTHERS (SUPERSEDE SPACING ORDER # 50771 MSSLM, E2) REC. 8-26-2014 (PORTER)
PENDING CD - 201405817	9/15/2014 - G91 - (I.O.) E2 21-23N-5W X 201405816 MSSP COMP. INT. NCT 150 FNL, NCT 150 FSL, NCT 560 FEL REC. 8-26-2014 (PORTER)

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