

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

API NUMBER: 003 22992

Approval Date: 07/18/2014  
Expiration Date: 01/18/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 27N Rge: 11W County: ALFALFA  
SPOT LOCATION:  SE  SE  SW  SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 200 1200

Lease Name: GOEKEN 2711 Well No: 3-17H Well will be 200 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

JERRY ALLEN  
6201 W. 73RD SOUTH  
HAYESVILLE KS 67060

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	5205	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 620175 Location Exception Orders: Increased Density Orders: 627413

Pending CD Numbers: 201404080  
201405008  
201405009  
Special Orders:

Total Depth: 11265 Ground Elevation: 1211 Surface Casing: 470 Depth to base of Treatable Water-Bearing FM: 220

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-27628  
H. CLOSED SYSTEM=STEEL PITS (REQUIRED - ARKANSAS RIVER, SALT FORK)  
E. Haul to Commercial pit facility: Sec. 15 Twn. 24N Rng. 7W Cnty. 47 Order No: 608693

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 17 Twp 27N Rge 11W County ALFALFA

Spot Location of End Point: S2 S2 SW SW

Feet From: SOUTH 1/4 Section Line: 200

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 4775

Radius of Turn: 890

Direction: 185

Total Length: 5092

Measured Total Depth: 11265

True Vertical Depth: 5352

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

HORIZONTAL HOLE 2

Sec 17 Twp 27N Rge 11W County ALFALFA

Spot Location of End Point: SE SW SE SW

Feet From: SOUTH 1/4 Section Line: 200

Feet From: WEST 1/4 Section Line: 1780

Depth of Deviation: 4775

Radius of Turn: 890

Direction: 175

Total Length: 5092

Measured Total Depth: 11265

True Vertical Depth: 5352

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

Notes:

Category	Description
INCREASED DENSITY - 627413	7/7/2014 - G75 - 17-27N-11W X621850 MSSP ** 3 WELLS SANDRIDGE EXPLOR. & PROD., L.L.C. 7-2-2014  ** S/B X620175 MSSP; NUNC PRO TUNC HAS BEEN PREPARED BY ATTORNEY FOR OPERATOR AND A COPY REVIEWED BY OCC
PENDING CD - 201404080	7/7/2014 - G75 - (I.O.) 17-27N-11W X620175 MSSP COMPL. INT. LAT 1 NCT 200 FNL, NCT 200 FSL, NCT 560 FWL COMPL. INT. LAT 2 NCT 200 FNL, NCT 200 FSL, NCT 1680 FWL NO OP. NAMED REC 7-7-2014 (LEAVITT)
PENDING CD - 201405008	7/10/2014 - G75 - (E.O.) 17-27N-11W MOD 620175 TO COEXIST SP. ORDER # 362044 MSSLM SW4 REC 7-18-2014 (P. PORTER)
PENDING CD - 201405009	7/10/2014 - G75 - (E.O.) 17-27N-11W X165:10-3-28(C)(2)(B) MSSP (GOEKEN 2711 3-17H NCT 175' FROM NOKES 1 SW4 SANDRIDGE EXPLOR. & PROD., L.L.C. REC 7-18-2014 (P. PORTER)
SPACING - 620175	7/7/2014 - G75 - (640)(HOR) 17-27N-11W EST MSSP POE TO BHL NLT 660' FB (SUPERSEDE SP. ORDER # 362044 MSSCT SE4, SW4 & MSSLM SW4; COEXIST SP. ORDER # 362044 MSSLM SE4 & SP. ORDER # 379728 MSSCT N2)

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003 22992 GOEKEN 2711 3-17H