

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

API NUMBER: 083 24329

Approval Date: 08/29/2014
Expiration Date: 02/28/2015

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 16N Rge: 3W County: LOGAN
SPOT LOCATION: N2 NW SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 1283 330

Lease Name: HUSMANN 16-3-36 Well No: 1 CG Well will be 330 feet from nearest unit or lease boundary.

Operator Name: SUNDANCE ENERGY OKLAHOMA LLC dba SEO LLC Telephone: 3034070471 OTC/OCC Number: 22918 0

SUNDANCE ENERGY OKLAHOMA LLC dba SEO LLC
633 17TH ST STE 1950
DENVER , CO 80202-3620

BETTY HUSMANN
5950 SOUTH BROADWAY
GUTHRIE OK 73044

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

	Name	Depth	Name	Depth
1	COTTAGE GROVE	4650	6	
2	HOGSHOOTER	4725	7	
3			8	
4			9	
5			10	

Spacing Orders: 196302

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201406323

Special Orders:

Total Depth: 4900

Ground Elevation: 970

Surface Casing: 440

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: 5000 Average: 3000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? Y

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: 14-28229

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

Notes:

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.

083 24329 HUSMANN 16-3-36 1 CG

Category	Description
FRAC FOCUS	8/27/2014 - G71 - THE REQUIREMENT FOR CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS WILL BE EXTENDED TO INCLUDE ALL NON-HORIZONTAL WELLS FOR HYDRAULIC FRACTURING OPERATIONS BEGINNING JANUARY 1, 2014. REFER TO OCC RULE 165:10-3-10 FOR COMPLIANCE REQUIREMENTS. PLEASE REPORT DIRECTLY TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
LOCATION EXEPTION - 201406323	8/29/2014 - G72 - SW 36-16N-03W (E.O.) X 196302 CGGV, HGSR; 1283 FSL 330 FWL; REC 8/27/20414 (LEAVITT)
MUNICIPAL WATER WELL	8/27/2014 - G71 - GUTHRIE - 1 WELL, C 1-15N-3W
SPACING - 196302	8/29/2014 - G72 - (160) 36-16N-03W EXT 181960 CGGV, HGSR, OTHERS
WATERSHED STRUCTURE	8/27/2014 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 282-2363 PRIOR TO DRILLING

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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.