

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

API NUMBER: 047 24675 B

Approval Date: 02/08/2013  
Expiration Date: 08/08/2013

Horizontal Hole Oil & Gas

Amend reason: CHANGE BHL

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 20N Rge: 3W County: GARFIELD  
SPOT LOCATION:  NE  NE  NW  NE FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 2425 1174

Lease Name: WHITENECK TRUST 20-3-12 Well No: 1HM Well will be 215 feet from nearest unit or lease boundary.  
Operator Name: SUNDANCE ENERGY OKLAHOMA LLC dba SEO LLC Telephone: 4057521800 OTC/OCC Number: 22918 0

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

SUNDANCE ENERGY OKLAHOMA, LLC, DBA SEO, LLC  
13524 RAILWAY DR, SUITE G  
OKC OK 73114

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5336	6	
2	WOODFORD	5711	7	
3	MISENER-HUNTON	5766	8	
4			9	
5			10	

Spacing Orders: 606584 Location Exception Orders: 607930 Increased Density Orders:

Pending CD Numbers: Special Orders:

Total Depth: 9980 Ground Elevation: 1261 **Surface Casing: 280** Depth to base of Treatable Water-Bearing FM: 230

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? 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: GARBER

Approved Method for disposal of Drilling Fluids:

- D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 13-22383
- H. CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION

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 12 Twp 20N Rge 3W County GARFIELD

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2010

Depth of Deviation: 4820

Radius of Turn: 712

Direction: 181

Total Length: 4900

Measured Total Depth: 9980

True Vertical Depth: 5766

End Point Location from Lease,  
Unit, or Property Line: 165

Notes:

Category	Description
LOCATION EXCEPTION - 607930	4/18/2013 - G75 - (I.O.) 12-20N-3W X606584 MSSP, WDFD, MSRH COMP. INT. NCT 215 FNL, NCT 165 FSL, NCT 330 FEL SUNDANCE ENERGY OKLAHOMA, LLC 2-19-2013
SPACING - 606584	2/8/2013 - G30 - (40/160/640) 12-20N-3W (640 HOR) EST MSSP, WDFD, MSRH (160) EST OTHERS (40) EST OTHERS (160) EXT OTHER (40) EXT OTHER POE TO BHL (WDFD) NLT 330' FBL POE TO BHL (MSSP, MSRH): NLT 660' FBL (SUPERSEDE EXISTING NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH DEVELOPED NON-HORIZONTAL SPACING UNITS)