

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

API NUMBER: 125 23879

Approval Date: 11/19/2014
Expiration Date: 05/19/2015

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 7N Rge: 4E

County: POTTAWATOMIE

SPOT LOCATION: C NW SE

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1980 660

Lease Name: LORETTA

Well No: 1-30

Well will be 660 feet from nearest unit or lease boundary.

Operator Name: BASIS RESOURCES GROUP LLC

Telephone: 4052860615

OTC/OCC Number: 22981 0

BASIS RESOURCES GROUP LLC
6422 N SANTA FE AVE STE A
OKLAHOMA CITY, OK 73116-9128

MURL & RETA BOWEN
42437 TURKEY HILL ROAD
ASHER OK 74826

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

Name	Depth	Name	Depth
1 EARLSBORO	3590	6 WILCOX	4450
2 BOIS D ARC	3700	7	
3 CHIMNEY HILL	3910	8	
4 VIOLA	4260	9	
5 SIMPSON DOLOMITE	4350	10	

Spacing Orders: 631537

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4450

Ground Elevation: 940

Surface Casing: 350

Depth to base of Treatable Water-Bearing FM: 290

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 1A

Liner required for Category: 1A

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

E. Haul to Commercial pit facility: Sec. 19 Twn. 8N Rng. 5E Cnty. 125 Order No: 274874

H. 20-MIL PIT LINER REQUIRED

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.

125 23879 LORETTA 1-30

Category	Description
FRAC FOCUS	10/10/2014 - 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
PUBLIC WATER SUPPLY/WELLHEAD PROTECTION AREA	10/10/2014 - G71 - ST LOUIS RWD - 3 PWS/WPA, C 30-7N-4E & NE/4 31-7N-4E
SPACING - 631537	11/14/2014 - G76 - (40) N2 SE4 30-7N-4E EXT 55239/81411 ERLB, BDRC, CMNL, VIOL, SMPSD, WLCX

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