

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

API NUMBER: 047 25085

Approval Date: 02/10/2017

Expiration Date: 08/10/2017

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 21N Rge: 3W

County: GARFIELD

SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2416 915

Lease Name: CLO

Well No: 1-33

Well will be 1725 feet from nearest unit or lease boundary.

Operator
Name: BLAIK R E INC

Telephone: 4052858000

OTC/OCC Number: 16832 0

BLAIK R E INC
1616 E 19TH ST STE 201
EDMOND, OK 73013-6675

COMMISSIONERS OF THE LAND OFFICE
204 NORTH ROBINSON, STE. 900
OKLAHOMA CITY OK 73102

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

	Name	Depth	Name	Depth
1	CLEVELAND	4950	6	
2	BIG LIME-OSWEGO	5030	7	
3	SKINNER	5340	8	
4	MISSISSIPPI LIME	5470	9	
5	MISENER-HUNTON	5900	10	

Spacing Orders: 649709

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 5950

Ground Elevation: 0

Surface Casing: 350

Depth to base of Treatable Water-Bearing FM: 190

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 2500

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: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: GARBER

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.

047 25085 CLO 1-33

Category	Description
HYDRAULIC FRACTURING	2/2/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE
SPACING - 649709	2/10/2017 - G75 - (640) 33-21N-3W EXT 129312 CLVD, BGLO, SKNR, MSSLM, MSRH (COEXIST SP. ORDER # 605009 MSSP, MSRH)