

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

API NUMBER: 103 24767

Approval Date: 10/15/2019

Expiration Date: 04/15/2021

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 22N Rge: 2E

County: NOBLE

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 1980 1815

Lease Name: KASPER BBR

Well No: 1

Well will be 1815 feet from nearest unit or lease boundary.

Operator Name: MID-CONTINENT ENERGY OP CO

Telephone: 9185876363; 9185876

OTC/OCC Number: 19736 0

MID-CONTINENT ENERGY OP CO
2111 S ATLANTA PL
TULSA, OK 74114-1709

GENGLER, LLC
1821 HIGHWAY 77 NORTH
PERRY OK 73077

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

	Name	Depth		Name	Depth
1	PERRY	2500	6	1ST WILCOX	4380
2	LAYTON UP	2900	7	2ND WILCOX	4420
3	LAYTON LOW	3100	8		
4	OSWEGO	3500	9		
5	MISSISSIPPIAN	4000	10		

Spacing Orders: 42265
117741
122206
305533
693589
694260

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4600

Ground Elevation: 960

Surface Casing: 240

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: 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: OSCAR

F. Haul to Commercial soil farming facility: Sec. 13 Twn. 19N Rng. 5E Cnty. 119 Order No: 561542

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - SOONER LAKE)

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is 18 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.

Notes:

Category

Description

HYDRAULIC FRACTURING

9/11/2019 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

SPACING - 117741

10/11/2019 - GC2 - (40) S2 11-22N-2E
EST LYTNU (VAC SE4 BY 693589), LYTNL, OSWG (VAC S2 BY 122206), OTHERS

SPACING - 122206

10/11/2019 - GC2 - (160) 11-22N-2E
EST OSWG
VAC 117741 OSWG S2

SPACING - 305533

10/11/2019 - GC2 - (40) SW4 & W2 SE4 11-22N-2E
EST MSSP, WLCX1, WLCX2, OTHERS

SPACING - 42265

10/11/2019 - GC2 - (160) 11-22N-2E
EST PRRY

SPACING - 693589

10/11/2019 - GC2 - (160) E2 11-22N-2E
EST LYTNU
VAC 117741 LYTNU SE4

SPACING - 694260

10/14/2019 - GC2 - (160) E2 11-22N-2E
EST LYTNU
VAC 117741 LYTNU SE4

***WILL BE VACATED PER ATTORNEY; OK PER MCCOY