

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

API NUMBER: 011 22333 A

Approval Date: 11/09/2016

Expiration Date: 05/09/2017

Straight Hole

Disposal

PERMIT TO RE-ENTER

WELL LOCATION: Sec: 34 Twp: 19N Rge: 12W

County: BLAINE

SPOT LOCATION: ☐ SW ☐ NE ☐ SW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 1700 700

Lease Name: KOPF SWD

Well No: 1

Well will be 700 feet from nearest unit or lease boundary.

Operator Name: CARRERA ENERGY LLC

Telephone: 4326956970

OTC/OCC Number: 23514 0

CARRERA ENERGY LLC

PO BOX 5036

MIDLAND, TX 79704-5036

MARK AND KATRINA KOPF

ROUTE 1 BOX 34

MIDLAND TX 73755

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

	Name	Depth	Name	Depth
1	VIRGILIAN	4800	6	
2	TONKAWA	6329	7	
3	COTTAGE GROVE	6908	8	
4	CLEVELAND	7506	9	
5	RED FORK	7976	10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 8100

Ground Elevation: 1608

Surface Casing: 691 IP

Depth to base of Treatable Water-Bearing FM: 90

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: 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? N

Wellhead Protection Area? N

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: DOG CREEK

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 16-31806

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.

Category	Description
HYDRAULIC FRACTURING	11/9/2016 - 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	11/9/2016 - G60 - N/A DISPOSAL WELL