

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

API NUMBER: 017 25473

Approval Date: 06/04/2019

Expiration Date: 12/04/2020

Straight Hole

Disposal

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 14N Rge: 9W

County: CANADIAN

SPOT LOCATION: ☐ SW ☐ NW ☐ SW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 1767 317

Lease Name: TROPICANA SWD

Well No: 1

Well will be 317 feet from nearest unit or lease boundary.

Operator Name: LAGOON WATER LOGISTICS LLC

Telephone: 4057531195

OTC/OCC Number: 24110 0

LAGOON WATER LOGISTICS LLC
101 N ROBINSON AVE STE 400
OKLAHOMA CITY, OK 73102-5502

DANNY MOORE
15800 W. 192ND STREET
CALUMET OK 73014

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

	Name	Depth		Name	Depth
1	COUNCIL GROVE	4000	6	COTTAGE GROVE	7600
2	HOOVER	5000	7	LAYTON	8200
3	ELGIN	6300	8	CLEVELAND	8400
4	LOVELL	6500	9		
5	TONKAWA	7000	10		

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 8600

Ground Elevation: 1431

Surface Casing: 550

Depth to base of Treatable Water-Bearing FM: 300

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? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36403
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

Notes:

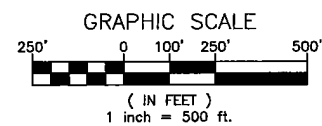
This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
HYDRAULIC FRACTURING	<p>5/24/2019 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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,</p> <p>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</p>
PUBLIC WATER SUPPLY WELLS	<p>5/24/2019 - G71 - GEARY, 3 PWS/WPA, NE4 13-14N-10W & CANADIAN CO. RWD #1, 8 PWS/WPA, SE4 13-14N-10W & NE4 24-14N-10W</p>
SPACING	<p>5/24/2019 - G71 - N/A - DISPOSAL WELL</p>



GPS DATUM - OK NORTH ZONE NAD83
US FEET SCALE: 1" = 500'

Section 18 Township 14N Range 9W I.M.
County CANADIAN State OK
Operator LAGOON WATER SOLUTIONS



CURRENT REV.: 0



Prepared By:
Petro Land Services South
10400 Vineyard Blvd.
Suite C
Oklahoma City, OK 73120

EXHIBIT A

DRAWN BY:	JAS	SCALE:	1" = 500'
CHECKED BY:	MJL	JOB No.:	--
APPROVED BY:	RJB	DWG. NO.:	AERIAL-1
DATE ISSUED:	05-06-19	SHEET:	1 OF 1