

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

API NUMBER: 119 24443

Approval Date: 03/19/2019  
Expiration Date: 09/19/2020

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 18N Rge: 2E County: PAYNE  
SPOT LOCATION: ☐ SW ☐ NE ☐ SE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 1700 440

Lease Name: REN Well No: 5 Well will be 380 feet from nearest unit or lease boundary.  
Operator Name: CASA GRANDE EXPLORATION COMPANY Telephone: 5208367553 OTC/OCC Number: 22885 0

CASA GRANDE EXPLORATION COMPANY  
11371 W WAVERLY DR  
CASA GRANDE, AZ 85194-6821

REN CORPORATION  
5900 S PERKINS RD  
STILLWATER OK 74074

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

	Name	Depth	Name	Depth
1	SKINNER	4215	6	
2	BARTLESVILLE	4340	7	
3	1ST WILCOX	4777	8	
4	2ND WILCOX	4800	9	
5			10	

Spacing Orders: 684964

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4900 Ground Elevation: 1006 Surface Casing: 550 Depth to base of Treatable Water-Bearing FM: 470

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: 1000

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 BED AQUIFER

Pit Location Formation: WELLINGTON

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

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.

119 24443 REN 5

Category	Description
HYDRAULIC FRACTURING	<p>2/19/2019 - 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: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; 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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
PUBLIC WATER SUPPLY WELLS	2/19/2019 - G71 - AVALON WEST MHP - 2 PWS/WPA, NW/4 12-18N-2E
SPACING - 684964	<p>3/19/2019 - G56 - (40) SE4 NE4 11-18N-2E</p> <p>EXT 314900 WLCX1, WLCX2, OTHERS</p> <p>EXT 115813 SKNR, BRVL, OTHER</p>