

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

API NUMBER: 037 29411

Approval Date: 08/31/2018

Expiration Date: 02/28/2019

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 14N Rge: 7E

County: CREEK

SPOT LOCATION: ☐ SE ☐ NE ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 495 2475

Lease Name: DEEP FORK

Well No: 7

Well will be 165 feet from nearest unit or lease boundary.

Operator Name: RESERVE MANAGEMENT INC

Telephone: 9186259894

OTC/OCC Number: 16003 0

RESERVE MANAGEMENT INC  
PO BOX 150737  
FORT WORTH, TX 76108-0737

OKLAHOMA DEPARTMENT OF WILDLIFE  
P.O. BOX 53465  
OKLAHOMA CITY OK 73152

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

	Name	Depth		Name	Depth
1	TONKAWA	725	6	DUTCHER	3420
2	LAYTON	1360	7	CANEY	3460
3	CLEVELAND	1730	8	WILCOX	4010
4	SKINNER	2660	9		
5	RED FORK	2995	10		

Spacing Orders: 63514  
201172

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201805979

Special Orders:

Total Depth: 4100

Ground Elevation: 833

**Surface Casing: 330**

Depth to base of Treatable Water-Bearing FM: 280

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: 3000 Average: 1500

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: VAMOOSA

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>8/23/2018 - 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://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.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>
PENDING CD - 201805979	<p>8/28/2018 - G75 - 25-14N-7E  X165:10-1-21 TNKW, OTHER NE4 NW4 **  X165:10-1-21 MCNEY NE4 NW4 ++  X63514 LYTN NW4  X201172 SKNR, DTCR, RDFK, WLCX, OTHERS NE4 NW4  X201172 CLVD NW4  495' FNL, 165' FEL  RESERVE MANAGEMENT, INC.  REC 8-20-2018 (DUNN)</p> <p>** TNKW IS LEGAL PER 165:10-1-21; WILL BE DELETED IN ORDER SUBMITTED TO OCC FOR REVIEW PER ATTORNEY FOR OPERATOR;</p> <p>++ S/B X165:10-1-21 CNEY E2 NW4; TO BE CORRECTED IN ORDER SUBMITTED TO OCC FOR REVIEW PER ATTORNEY FOR OPERATOR</p>
SPACING	8/28/2018 - G75 - TONKAWA & CANEY UNSPACED; 80-ACRE LEASE (E2 NW4)
SPACING - 201172	<p>8/28/2018 - G75 - (160/40) NW4 25-14N-7E  EXT (40) 82870/161408 SKNR, DTCR, WLCX  EST (40) RDFK, OTHERS  EXT (160) OTHERS  EST (160) CLVD</p>
SPACING - 63514	<p>8/28/2018 - G75 - (160) W2 25-14N-7E  EST LYTN</p>