

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

API NUMBER: 103 24761

Approval Date: 08/08/2019

Expiration Date: 02/08/2021

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 22N Rge: 2W

County: NOBLE

SPOT LOCATION:  C  SE  SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 660 660

Lease Name: WOLLARD

Well No: 3

Well will be 660 feet from nearest unit or lease boundary.

Operator Name: DAVIDSON ENERGY INC

Telephone: 5805728137

OTC/OCC Number: 17058 0

DAVIDSON ENERGY INC

PO BOX 782

PERRY, OK 73077-0782

KWAN YIN GROUP PLLC

106 BETHENIA PLACE

CARY NC 27511

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

	Name	Depth		Name	Depth
1	COTTONWOOD	1230	6	RED FORK	4680
2	TONKAWA	3100	7	MISSISSIPPI CHAT	4760
3	LAYTON	4312	8	MISSISSIPPI LIME	4780
4	BIG LIME	4312	9	WOODFORD	4900
5	SKINNER	4625	10		

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201902853

Special Orders:

Total Depth: 4950

Ground Elevation: 1020

**Surface Casing: 370**

Depth to base of Treatable Water-Bearing FM: 320

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: WELLINGTON

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

PERMIT NO: 19-36846

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - BLACK BEAR CREEK)

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>7/30/2019 - 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://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 - 201902853	<p>8/8/2019 - GB6 - (I.O.) (40) SE4 SE4 34-22N-2W EST CTND, TNKW, LYTN, BGLM, SKNR, RDFK, MSSCT, MSSLM, WDFD REC. 6/11/2019 (M.. PORTER)</p>
WATERSHED STRUCTURE	<p>8/8/2019 - GB6 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580) 336-2003 PRIOR TO DRILLING</p>