

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

API NUMBER: 071 24906

Approval Date: 03/19/2019

Expiration Date: 09/19/2020

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 27N Rge: 4E

County: KAY

SPOT LOCATION: ☐ SW ☐ NE ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 535 575

Lease Name: WASHUNGA

Well No: 1-21

Well will be 535 feet from nearest unit or lease boundary.

Operator Name: KIRKPATRICK OIL COMPANY INC

Telephone: 4058402882

OTC/OCC Number: 19792 0

KIRKPATRICK OIL COMPANY INC
1001 W WILSHIRE BLVD STE 202
OKLAHOMA CITY, OK 73116-7017

ABRAHAM LEE & RUSTI ANN PAYNE
11614 EAST FERGUSON AVENUE
KAW CITY OK 74641

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

	Name	Depth		Name	Depth
1	CLEVELAND	2830	6	MISSISSIPPIAN	3317
2	BIG LIME	2936	7	WOODFORD	3722
3	OSWEGO	2976	8	WILCOX	3727
4	SKINNER	3193	9	OIL CREEK	3745
5	RED FORK	3260	10	ARBUCKLE	3820

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901089

Special Orders:

Total Depth: 3850

Ground Elevation: 1106

Surface Casing: 300

Depth to base of Treatable Water-Bearing FM: 230

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: OSCAR

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36312

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>3/5/2019 - 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>
PENDING CD - 201901089	<p>3/19/2019 - GB1 - (40) 21-27N-4E VAC CLVD, BGLM, OSWG, SKNR, RDFK, MSSP, WLCX, ABCK, OTHERS EST CLVD, BGLM, OSWG, SKNR, RDFK, MSSP, WLCX, ABCK, OTHERS REC. 3/11/2019 (MILLER)</p>
SPACING	<p>3/19/2019 - GB1 - WDFD & OLCK UNSPACED, 40-ACRE LEASE NE4 NE4</p>