

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

API NUMBER: 053 23450

Approval Date: 06/30/2016
Expiration Date: 12/30/2016

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 25N Rge: 4W County: GRANT
SPOT LOCATION: SE NE NW NE FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 450 1190

Lease Name: KIRBY Well No: 1-18 Well will be 450 feet from nearest unit or lease boundary.
Operator Name: OKLAND OIL COMPANY Telephone: 4052363046 OTC/OCC Number: 7910 0

OKLAND OIL COMPANY
110 N ROBINSON AVE STE 400
OKLAHOMA CITY, OK 73102-9022

CLAY & JANIE KIRBY
19642 COUNTY ROAD 3650
STONEWALL OK 74871

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

	Name	Depth	Name	Depth	
1	HOXBAR	4180	6	MISENER	5750
2	MARMATON	4645	7	HUNTON	5755
3	CHEROKEE	4840	8	SYLVAN	5760
4	MISSISSIPPIAN	5190	9	VIOLA	5790
5	WOODFORD	5720	10	SIMPSON	5830

Spacing Orders: 653347

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201601896

Special Orders:

Total Depth: 6000

Ground Elevation: 1009

Surface Casing: 400

Depth to base of Treatable Water-Bearing FM: 200

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

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? 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 ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 16-31321

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - ARKANSAS RIVER)

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.

053 23450 KIRBY 1-18

Category	Description
HYDRAULIC FRACTURING	6/17/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.
PENDING CD - 201601896	6/20/2016 - G75 - N2 NE4 18-25N-4W X653347 HXBR, MRMN, CHRK, MSSP, WDFD, MSNR, HNTN, SLVN, VIOL, SMPS, OTHER 450 FNL, 1190 FWL NO OP. NAMED REC 6-13-2016 (NORRIS)
SPACING - 653347	6/20/2016 - G75 - (80) 18-25N-4W LD NW/SE VAC 621349 HXBR, MRMN, CHRK, MSSP, WDFD, MSNR, HNTN, SLVN, VIOL, SMPS, OTHER EST HXBR, MRMN, CHRK, MSSP, WDFD, MSNR, HNTN, SLVN, VIOL, SMSP, OTHER

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