

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

API NUMBER: 107 23596

Approval Date: 05/01/2018
Expiration Date: 11/01/2018

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 13N Rge: 10E County: OKFUSKEE
SPOT LOCATION: SE SW NW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 1485 495

Lease Name: AURORA Well No: 10-3 Well will be 495 feet from nearest unit or lease boundary.
Operator Name: PAK ENERGY LLC Telephone: 9185106663 OTC/OCC Number: 24034 0

PAK ENERGY LLC
2417 E SKELLY DR STE 2
TULSA, OK 74105-6006

JAMES L WADE AND HILDEGARD WADE REVOCABLE TRUST
RT 1 BOX 169
OKEMAH OK 74859

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

Name	Depth	Name	Depth
1 CALVIN	1300	6 2ND WILCOX	3460
2 RED FORK	2030	7	
3 GILCREASE	2690	8	
4 UNION VALLEY-CROMWELL	2830	9	
5 MISENER	3350	10	

Spacing Orders: 554389

Location Exception Orders: 201802271

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3600

Ground Elevation: 754

Surface Casing: 460

Depth to base of Treatable Water-Bearing FM: 410

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is NON HSA

Pit Location Formation: COFFEYVILLE/CHECKERB

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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.

107 23596 AURORA 10-3

Category	Description
HYDRAULIC FRACTURING	<p>4/12/2018 - 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: OCCEWEB.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 - 201802271	<p>4/18/2018 - G56 - (I.O.) SW4 10-13N-10E X554389 CLVN, RDFK, GLCR, UVCM, MSNR, WLCX2, OTHERS 1155' FNL, 495' FWL NO OP NAMED REC 4/9/18 (JOHNSON)</p>
SPACING - 554389	<p>4/18/2018 - G56 - (160) SW4 10-13N-10E EXT 165192 UVCM, OTHER EST. CLVN, RDFK, GLCR, MSNR, WLCX2, OTHERS</p>

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