

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

API NUMBER: 081 24101 A

Approval Date: 02/15/2018

Expiration Date: 08/15/2018

Straight Hole

Oil & Gas

PERMIT TO RECOMPLETE

WELL LOCATION: Sec: 22 Twp: 17N Rge: 3E

County: LINCOLN

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 165 2475

Lease Name: CRAWFORD

Well No: 3-22

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

Operator Name: LITTLE RIVER ENERGY COMPANY

Telephone: 9183524444

OTC/OCC Number: 10148 0

LITTLE RIVER ENERGY COMPANY
PO BOX 1113
DRUMRIGHT, OK 74030-1113

DAVID JOHNS
740883 S 3390 RD
TRYON OK 74875

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

Name	Depth	Name	Depth
1 MISSISSIPPI	4265	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 596969

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4606

Ground Elevation: 950

Surface Casing: 529 IP

Depth to base of Treatable Water-Bearing FM: 360

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

Notes:

Category

HYDRAULIC FRACTURING

Description

2/6/2018 - G71 - OCC 165:10-3-10 REQUIRES:

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;

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,

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

This permit does not address the right of entry or settlement of surface damages.

081 24101 CRAWFORD 3-22

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
SPACING - 596969	2/9/2018 - G58 - (10) SE SE 22-17N-3E VAC 176502 MSSLM, OTHERS EST MISS, OTHERS
SPACING - 596969	4/30/2012 - G30 - (10) SE SE 22-17N-3E VAC 176502 OSWG, PRUE, SKNR, RDFK, MSSLM, HNTN, SMPSD, WLCX EST OSWG, PRUE, SKNR, RDFK, MISS, HNTN, SMPSG
SURFACE CASING	4/30/2012 - G30 - MIN. 500' SURFACE CASING REQUIRED PER ORDER #77556