

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

API NUMBER: 109 21053 A

Approval Date: 03/18/2019  
Expiration Date: 09/18/2020

Straight Hole Oil & Gas

PERMIT TO RECOMPLETE

WELL LOCATION: Sec: 02 Twp: 12N Rge: 3W

County: OKLAHOMA

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 420 630

Lease Name: KOKH

Well No: 1

Well will be 420 feet from nearest unit or lease boundary.

Operator Name: BLACKFIRE OPERATING LLC

Telephone: 4058301910

OTC/OCC Number: 24042 0

BLACKFIRE OPERATING LLC  
2632 PEMBROKE TER  
OKLAHOMA CITY , OK 73116-4223

SULLIVAN BROADCASTING OF OKLAHOMA CITY  
1228 E. WILSHIRE

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

	Name	Depth	Name	Depth
1	OSWEGO	6200	6	
2	PENN BASAL UNCONF SAND	6437	7	
3	HUNTON	6490	8	
4			9	
5			10	

Spacing Orders: 264613

Location Exception Orders: 265175

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 7172

Ground Elevation: 1137

Surface Casing: 1215 IP

Depth to base of Treatable Water-Bearing FM: 1080

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

Approved Method for disposal of Drilling Fluids:

Notes:

Category

Description

HYDRAULIC FRACTURING

12/16/2018 - 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](http://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](http://FRACFOCUS.ORG)

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

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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
LOCATION EXCEPTION - 265175	1/11/2019 - G58 - (F.O.) W2 NW4 2-12N-3W X264613 OSWG, HNTN, BPUNC 420' FNL, 630' FWL SHAWVER & SON, INC. *** 9/11/1984  ***OP NEEDS TO BE CHANGED TO BLACKFIRE OPERATING, LLC; OPERATOR CHANGED IN ORDER 690972
LOCATION EXCEPTION - 690972	3/18/2019 - G58 - W2 NW4 2-12N-3W CHANGES OPERATOR FOR LOCATION EXCEPTION ORDER 265175 TO BLACKFIRE OPERATING, LLC 2/5/2019
SPACING - 264613	1/11/2019 - G58 - (80) N2 2-12N-3W SU (NE/SW) VAC 21261 HTUNS EXT 75283/230382 OSWG, OTHERS EXT 172449/230382 HNTN, OTHERS EXT 223951/230382 BPUNC, OTHER