

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

API NUMBER: 005 20458 A

Approval Date: 09/26/2019
Expiration Date: 03/26/2021

Horizontal Hole Oil & Gas

PERMIT TO RECOMPLETE

WELL LOCATION: Sec: 21 Twp: 2S Rge: 12E

County: ATOKA

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 330 2390

Lease Name: BLOOMFIELD

Well No: 1H-21

Well will be 250 feet from nearest unit or lease boundary.

Operator Name: G & S ENERGY INC

Telephone: 2815372035

OTC/OCC Number: 22818 0

G & S ENERGY INC
4201 FM 1960 RD W STE 400
HOUSTON, TX 77068-3447

BOGGY BOTTOM RANCH, LLC
P.O. BOX 868
ATOKA OK 74525

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

	Name	Depth	Name	Depth
1	BIG FORK	9230	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 634342

Location Exception Orders: 645825

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12396

Ground Elevation: 689

Surface Casing: 1516 IP

Depth to base of Treatable Water-Bearing FM: 420

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

HORIZONTAL HOLE 1

Sec 22 Twp 2S Rge 12E County ATOKA

Spot Location of End Point: SW NW NW NW

Feet From: NORTH 1/4 Section Line: 449

Feet From: WEST 1/4 Section Line: 23

Depth of Deviation: 9063

Radius of Turn: 1138

Direction: 98

Total Length: 1545

Measured Total Depth: 12396

True Vertical Depth: 10201

End Point Location from Lease,
Unit, or Property Line: 449

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is 18 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.

Notes:

Category

Description

HYDRAULIC FRACTURING

9/19/2019 - 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: OCCWEB.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

LOCATION EXCEPTION - 645825

9/20/2019 - GB6 - E2 21 & W2 22 -2S-12E

X634342 BGFK

SHL 330' FNL, 250' FWL OF SPACING UNIT (E2 21 & W2 22)

COMPL. INT. (COMMENCE) 400' FNL, NCT 211' FWL OF SPACING UNIT (E2 21 & W2 22)

COMPL. INT. (END) 436' FNL, 2538' FEL OF SPACING UNIT (E2 21 & W2 22)

ERGON ENERGY ASSOCIATES, LLC

10/7/2015

SPACING - 634342

9/20/2019 - GB6 - (640)(HOR) E2 21 & W2 22 -2S-12E

EST BGFK, OTHERS

COMPL. INT. NCT 660' FB

(COEXIST SP. ORDER #405409 BGFKC, BGFKO, VIOL)