

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

API NUMBER: 005 20456 A

Approval Date: 09/20/2019
Expiration Date: 03/20/2021

Horizontal Hole Oil & Gas

PERMIT TO RECOMPLETE

WELL LOCATION: Sec: 20 Twp: 2S Rge: 12E

County: ATOKA

SPOT LOCATION: ☐ SW ☐ NE ☐ SW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 1673 1820

Lease Name: COCHRAN

Well No: IH-20

Well will be 820 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

OREN AND UELALA COCHRAN
195 WEST SHADY LANE
ATOKA OK 74525

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

	Name	Depth	Name	Depth
1	ARKANSAS NOVACULITE	7414	6	
2	MISSOURI MOUNTAIN	7794	7	
3	POLK CREEK	7960	8	
4	BIG FORK	8160	9	
5	WOMBLE	8610	10	

Spacing Orders: 633114

Location Exception Orders: 656312

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11456

Ground Elevation: 540

Surface Casing: 1500 IP

Depth to base of Treatable Water-Bearing FM: 480

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 21 Twp 2S Rge 12E County ATOKA

Spot Location of End Point: NE SE SW NW

Feet From: NORTH 1/4 Section Line: 2063

Feet From: WEST 1/4 Section Line: 1126

Depth of Deviation: 7825

Radius of Turn: 1369

Direction: 100

Total Length: 1480

Measured Total Depth: 11456

True Vertical Depth: 9194

End Point Location from Lease,

Unit, or Property Line: 1514

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: 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

LOCATION EXCEPTION - 656312

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

X633114 BGFK

SHL 1673' FNL, 863' FWL OF SPACING UNIT (E2 20 & W2 21)

COMPL. INT. (COMMENCE) 1549' FNL, 863' FWL OF SPACING UNIT (E2 20 & W2 21)

COMPL. INT. (END) 2025' FNL, 1686' FEL OF SPACING UNIT (E2 20 & W2 21)

ERGON ENERGY ASSOCIATES, LLC

9/23/2016

SPACING - 633114

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

EST AKSS, MSRM, PKCK, BGFK, WMBL

COMPL. INT. NCT 660' FB

(COEXIST SP. ORDER #405409 AKSS, MSRM, BGFKC, WMBL, MSNR, BGFKO, MSOVT, WMBOT, SCMR, WDFD, HNTN, SLVN, VIOL, SMPS)