

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

API NUMBER: 051 24231

Approval Date: 12/04/2017

Expiration Date: 06/04/2018

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 9N Rge: 7W

County: GRADY

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 250 377

Lease Name: BOYER

Well No: 1H-24

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

Operator Name: GAEDEKE OIL & GAS OPERATING LLC

Telephone: 2142733339

OTC/OCC Number: 22637 0

GAEDEKE OIL & GAS OPERATING LLC  
3710 RAWLINS ST STE 1000  
DALLAS, TX 75219-6409

GENEVA L BOYER  
1717 COUNTY ROAD 1240  
TRUSTEE OF THE GENEVA L BOYER TRUST  
TUTTLE OK 73089

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

Name	Depth	Name	Depth
1 WOODFORD	11432	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201700847

Special Orders:

Total Depth: 16716

Ground Elevation: 1276

**Surface Casing: 1200**

Depth to base of Treatable Water-Bearing FM: 400

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 3500 Average: 1000

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: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: DOG CREEK

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 17-33329

H. SEE MEMO

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.

## PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: DOG CREEK

## HORIZONTAL HOLE 1

Sec 24 Twp 9N Rge 7W County GRADY

Spot Location of End Point: S2 SE SE SE

Feet From: SOUTH 1/4 Section Line: 85

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 10932

Radius of Turn: 444

Direction: 179

Total Length: 5087

Measured Total Depth: 16716

True Vertical Depth: 11457

End Point Location from Lease,  
Unit, or Property Line: 85

### Notes:

#### Category

#### Description

COMPLETION INTERVAL

11/13/2017 - G58 - WILL BE LESS THAN 165' FROM THE BOUNDARY PER OPERATOR

DEEP SURFACE CASING

11/2/2017 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

11/1/2017 - 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](http://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](http://FRACFOCUS.ORG)

MEMO

11/1/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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

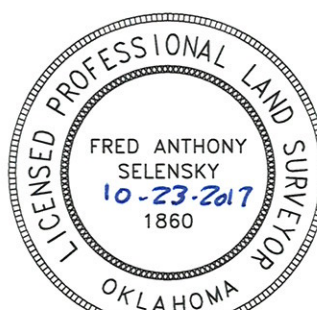
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

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.

051 24231 BOYER 1H-24

Category	Description
PENDING CD - 201700847	11/13/2017 - G58 - (640) (HOR) 24-9N-7W VAC OTHERS EST WDFD, OTHERS COMPL. INT. NLT 165' FNL & FSL, NLT 330' FEL & FWL (EXIST CONCURRENTLY WITH ANY NON-HORIZONTAL DRILLING AND SPACING UNITS NOT VACATED) REC 9/27/2017 (THOMAS)

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.





PENETRATION POINT  
100' FNL - 330' FEL

SE CORNER (NAD 27)  
-LAT: (N35°13'57.42")  
LONG : (W97°52'57.54")

BEARINGS ARE GRID  
OKLAHOMA SPC, NAD 27, SOUTH ZONE

Distance and Direction from Hwy. Jct. or town: FROM AMBER HEAD NORTH ON CHICKASHA AVE./COUNTY ROAD N2870 FOR 6 MILES, TURN WEST INTO LOCATION.

**NOTE:**  
This is a plat of a proposed well location and does not represent a true boundary survey. The information shown hereon shall not be relied upon for the location or establishment of land boundary lines. All of the positions shown hereon have not been verified as being actual Section, Quarter or Property corners. Positions shown in (Parentheses) are based upon local occupation and improvements or calculated per proportional measurement and/or G.L.O. record distances. Review this plat and notify Gateway Services Group, LLC immediately of any possible discrepancy.



PO. BOX 960  
MEEKER, OK 74855  
OFF. (405) 273-0954  
FAX (405) 273-0580  
C.A. NO. 4091 (LS)  
EXP. DATE 6-30-2018

GAEDEKE OIL AND GAS OPERATING, LLC  
BOYER 1H-24  
250' FNL - 377' FEL  
SECTION 24, T 09 N - R 07 W, I.M.,  
GRADY COUNTY, OKLAHOMA

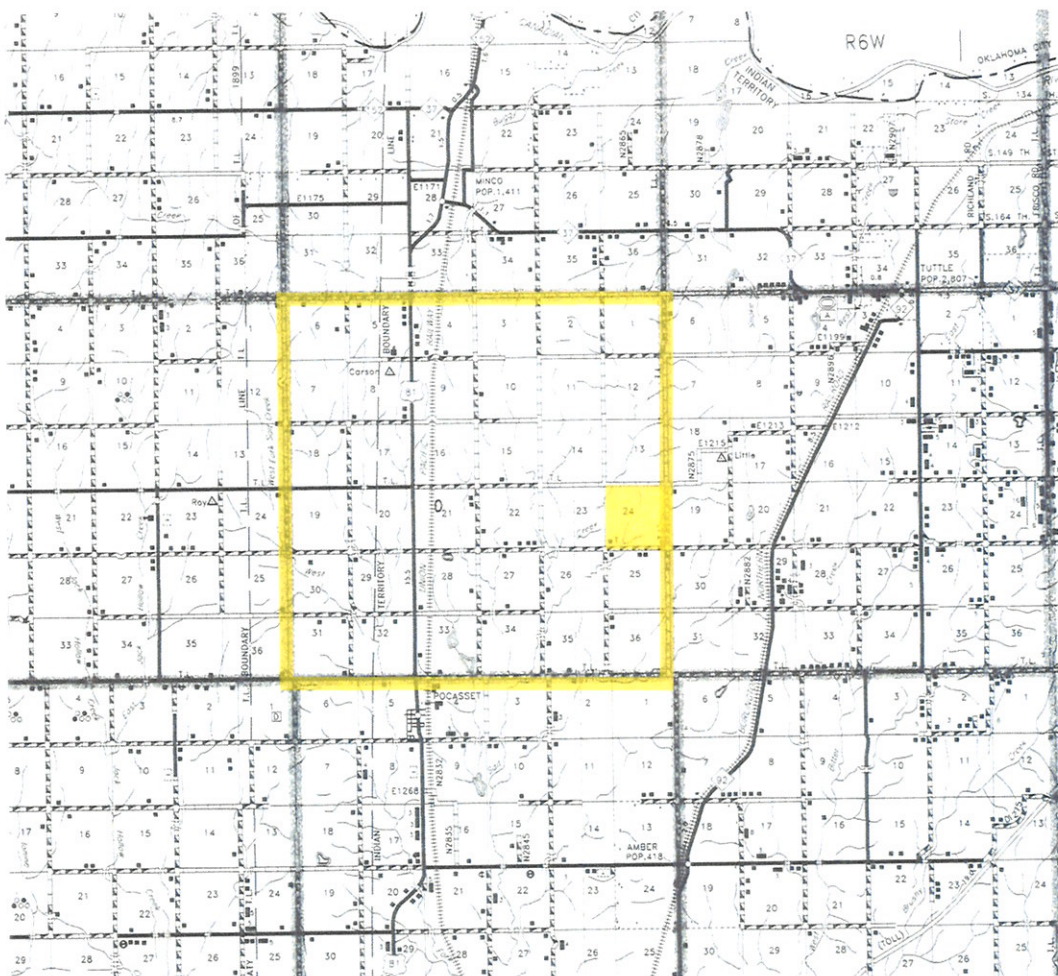
DRAWN BY: CLC		DATE: 10/19/17		CHK'D: CWP	
GATEWAY NO.: 17-0668-002				SCALE: 1"=1000'	
PAD#:			WELL#:		
REV.	DWN.	DESCRIPTION			DATE



SECTION 24, T 09 N - R 07 W, I.M.,  
GRADY COUNTY, OKLAHOMA

VICINITY MAP

BEARINGS ARE GRID  
OKLAHOMA SPC, NAD 27, SOUTH ZONE



SEC. 24 TWP. 09N RNG. 07W SCALE: 1"=3 MILES  
COUNTY GRADY STATE OK  
OPERATOR GAEDEKE OIL AND GAS OPERATING, LLC

**Gateway**

Gateway Services Group, LLC

P.O. BOX 960  
WEEKER, OK 74855  
OFF. (405) 273-0954  
FAX (405) 273-0580  
C.A. NO. 4091 (LS)  
EXP. DATE 6-30-2018

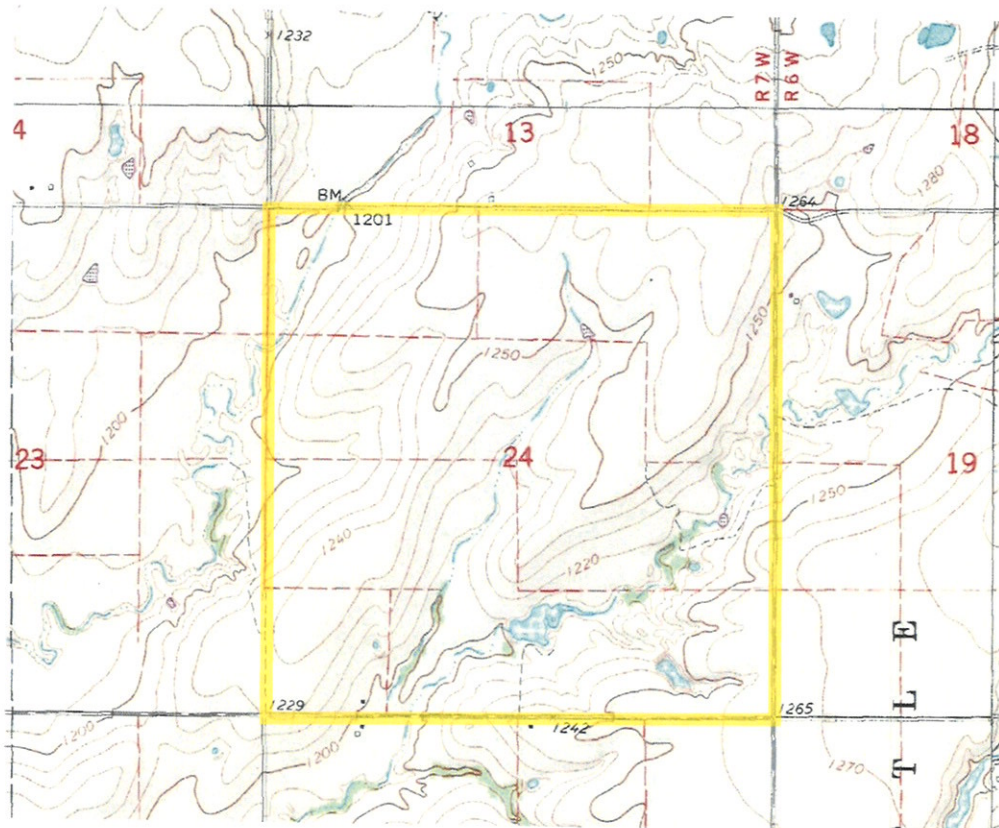
**EXHIBIT "A" PRELIMINARY**  
GAEDEKE OIL AND GAS OPERATING, LLC  
BOYER 1H-24  
250' FNL - 377' FEL  
SECTION 24, T 09 N - R 07 W, I.M.,  
GRADY COUNTY, OKLAHOMA

DRAWN BY: CLC		DATE: 10/19/17	CHK'D: CWP
GATEWAY NO.: 17-0668-003		SCALE: 1"=3 MILES	
PAD#:		WELL#:	
REV.	DWN.	DESCRIPTION	DATE

BEARINGS ARE GRID  
OKLAHOMA SPC, NAD 27, SOUTH ZONE

SECTION 24, T 09 N - R 07 W, I.M.,  
GRADY COUNTY, OKLAHOMA

LOCATION & ELEVATION VERIFICATION MAP



SEC. 24 TWP. 09N RNG. 07W ABOVE BACKGROUND DATA FROM  
COUNTY GRADY STATE OK U.S.G.S. TOPOGRAPHIC MAP  
OPERATOR GAEDEKE OIL AND GAS OPERATING, LLC SCALE: 1"=2000'  
DESCRIPTION 250' FNL - 377' FEL, NE/4  
LEASE BOYER 1H-24  
ELEVATION 1276.3' AT STAKE CONTOUR INTERVAL 10'  
U.S.G.S TOPOGRAPHIC  
QUADRANGLE MAP POCASSET

**Gateway**

Gateway Services Group, LLC

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MEEKER, OK 74855  
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EXHIBIT "A" PRELIMINARY

GAEDEKE OIL AND GAS OPERATING, LLC  
BOYER 1H-24  
250' FNL - 377' FEL  
SECTION 24, T 09 N - R 07 W, I.M.,  
GRADY COUNTY, OKLAHOMA

DRAWN BY: CLC		DATE: 10/19/17	CHK'D: CWP
GATEWAY NO.: 17-0668-004		SCALE: 1"=2000'	
PAD#:		WELL#:	
REV.	DWN.	DESCRIPTION	DATE