

APPLICATION TO DRILL, RECOMPLETE OR REENTER

FORM 1000
REV. 2014

FILE ORIGINAL ONLY

PLEASE TYPE OR USE BLACK INK

1. OTC/OCC OPERATOR NUMBER

22637

2. API NUMBER

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
JIM THORPE BUILDING
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(RULE 165:10-3-1)BATCH NUMBER (OCC USE ONLY)
WALK THROUGH

3. NOTICE OF INTENT TO:

(CHECK ONLY ONE)

☒ DRILL ☐ RECOMPLETE ☐ REENTER ☐ DEEPEN ☐ AMEND - REASON

NOTE: ATTACH COPY OF 1002-A IF RECOMPLETION OR REENTRY.

4. TYPE OF DRILLING OPERATION >>>>>>> (NOTE: If directional or horizontal, see reverse side for bottom hole location)

A. ☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLEB. ☒ OIL/GAS ☐ INJECTION ☐ DISPOSAL ☐ WATER SUPPLY ☐ STRAT TEST ☐ SERVICE WELL6. LOCATE WELL AND OUTLINE
LEASE OR SPACING UNIT IN INK.

5. WELL LOCATION:

SECTION 33 TOWNSHIP 10N RANGE 7W COUNTY Grady

SPOT LOCATION: NW 1/4 NE 1/4 SW 1/4 NW 1/4 FEET FROM QUARTER from SOUTH LINE from WEST LINE
SECTION LINES: 1,089 990'

7. Well will be 990' feet from nearest unit or property boundary.

8. LEASE NAME: Betcher WELL NUMBER: #1H-33

9. NAME OF OPERATOR Gaedeke Oil & Gas Operating, LLC EMAIL ADDRESS: dhuff@gaedeke.com

ADDRESS 3710 Rawlins, Suite 1100 PHONE (AC/NUMBER) 214-273-3304

CITY Dallas STATE TX ZIP CODE 75219

10. SURFACE OWNER (ONE ONLY, ATTACH SHEET FOR ADDITIONAL OWNERS)

LAWRENCE R. BETCHER, JR.
AND AS TRUSTEE OF THE BETCHER FAMILY TRUST AND MARILYN

ADDRESS 6611 NW 11th STREET WAGSOUTH

CITY OKLAHOMA CITY STATE OK ZIP CODE 73127

14. LIST TARGET FORMATIONS AND DEPTHS OF EACH BELOW (LIMITED TO TEN)

1) Woodford TVD 11,842' 6)

2) 7)

3) 8)

4) 9)

5) 10)

15. SPACING ORDER NUMBER(S) AND SIZE UNIT(S): 6582260 MISSISSIPPIAN, WOODFORD, HUNTON - 640H

16. PENDING APPLICATION C.D. NO.

17. LOCATION EXCEPTION ORDER NO.

18. INCREASED DENSITY ORDER NO.

19. TOTAL DEPTH

20. GROUND ELEV.

21. BASE OF TREATABLE WATER

22. SURFACE CASING

23. ALT CASING PROG USED?

16,586'

1,196'

500'

1,200

Y N

24. ALTERNATIVE CASING PROCEDURE, check box and fill in blank (AFFIDAVIT REQUIRED, see reverse side, line 31.)

A. Cement will be circulated from total depth to ground surface on the production casing string.

B. Cement will be circulated from depth to depth by use of a two stage cementing tool.

25.1. PIT INFORMATION: Using more than one pit or mud system? ☒ Y ☐ N If yes, fill out line 25.2 on top reverse side.A. TYPE OF MUD SYSTEM: ☒ WATER BASED ☐ OIL BASED ☐ GAS BASED (AIR DRILL)

B. EXPECTED MUD CHLORIDE CONTENT: maximum: 3,500 ppm; average: 1,000 ppm.

PIT #1 C. TYPE OF PIT SYSTEM: ☐ on-site ☒ off-site ☒ closed If off-site, specify location:D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? ☒ Y ☐ NE. WITHIN 1 MILE OF MUNICIPAL WATER WELL? ☐ Y ☒ NF. WELLHEAD PROTECTION AREA? ☐ Y ☒ N

Off-Site Pit No.

26.1 A. CATEGORY 1A 1B 2 3 4 C
OCC USE ONLY B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A. Fr:
C. Special area or field rule? D. DEEP SCA? Y N E. CBL required? Y N
F. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIRED? Y N

27. PROPOSED METHOD FOR DISPOSAL OF DRILLING FLUIDS (MUST BE COMPLETED)

A. Evaporation/dewater and backfilling of reserve pit.

B. Public Landfill: Location

C. Annular Injection (REQUIRES PERMIT and surface casing set 200 feet below base of treatable water-bearing formation.)

☒ D. One time land application (REQUIRES PERMIT) PERMIT NO. 17-33332

E. Haul to Commercial pit facility; Specify site:

F. Haul to Commercial soil farming facility; Specify site:

G. Haul to recycling/re-use facility; Specify site:

☒ H. Other, Specify: Closed System/Steel Pits

PERMIT NO.

Order No.

Order No.

Order No.

I hereby certify I am authorized to submit this two page application prepared by me or under my supervision.

The facts and proposals made herein are true, correct and complete to the best of my knowledge and belief.

SIGNATURE NAME (Print or Type) Al Swanson, Agent

PHONE (AC/NO.) 405-348-8135

FAX 405-715-2607

DATE 10/25/2017

NOTICE: Approval is void if operations have not commenced within six months of the date of approval. An approved permit must be posted at the location during drilling and completion operations. File the Form 1001A, Spud Report, within fourteen days of commencement of operations.

NOTIFY DISTRICT OFFICE 24 HOURS PRIOR TO CEMENTING SURFACE CASING.

25.2. PIT INFORMATION:

A. TYPE OF MUD SYSTEM: WATER BASED ☒ OIL BASED ☐ GAS BASED (AIR DRILL) ☐
 B. EXPECTED MUD CHLORIDE CONTENT: maximum: 30,000 ppm; average: 20,000 ppm.
 C. TYPE OF PIT SYSTEM: on-site ☐ off-site ☒ closed ☐ If off-site, specify location: _____
 D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? X Y N
 E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y ☒ N
 F. WELLHEAD PROTECTION AREA? Y ☒ N Off-Site Pit No. _____

26.2 OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: _____

B. PIT LOCATION: Alluvial Plain ☐ Terrace Deposit ☐ Bedrock Aquifer ☐ Other H.S.A. ☐ Non-H.S.A. ☐

C. Special area or field rule? _____ D. DEEP SCA? Y ☐ N ☐ E. CBL? Y ☐ N ☐

F. SOIL COMPACTED LINER REQUIRED? Y ☐ N ☐ G. 20 mil GEOMEMBRANE LINER REQUIRED? Y ☐ N ☐

29 Bottom Hole Location SEC 33 TWP 10 N RGE 7 W COUNTY Grady

SPOT LOCATION: _____ FEET FROM QUARTER _____ from SOUTH LINE _____ from WEST LINE _____

SECTION LINES: _____

Measured Total _____ True Vertical _____ BHL from nearest Lease, Unit, Or Property Line: _____

Depth _____

30. Bottom Hole Location for Horizontal Hole: (LATERALS)

LATERAL #1: SEC 33 TWP 10 N RGE 7 W COUNTY Grady

SPOT LOCATION: _____ FEET FROM QUARTER _____ from SOUTH LINE _____ from WEST LINE _____

SECTION LINES: _____

Depth of Deviation _____ Radius of Turn _____ Direction _____ Total Length _____

Measured Total _____ True Vertical _____ End Point location from nearest lease, unit _____

Depth _____

LATERAL #2: SEC _____ TWP _____ RGE _____ COUNTY _____

SPOT LOCATION: _____ FEET FROM QUARTER _____ from SOUTH LINE _____ from WEST LINE _____

SECTION LINES: _____

Depth of Deviation _____ Radius of Turn _____ Direction _____ Total Length _____

Measured Total _____ True Vertical _____ End Point location from nearest lease, unit _____

Depth _____

LATERAL #3: SEC _____ TWP _____ RGE _____ COUNTY _____

SPOT LOCATION: _____ FEET FROM QUARTER _____ from SOUTH LINE _____ from WEST LINE _____

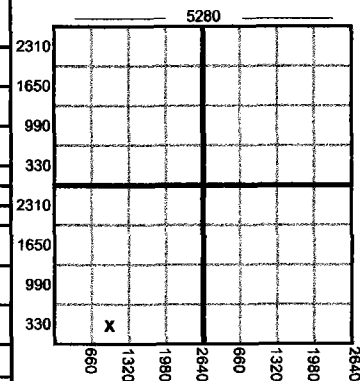
SECTION LINES: _____

Depth of Deviation _____ Radius of Turn _____ Direction _____ Total Length _____

Measured Total _____ True Vertical _____ End Point location from nearest lease, unit _____

Depth _____

28. Locate Bottom Hole



1. If more than two drainholes are proposed, attach separate sheet indicating the necessary information.
2. Direction must be stated in degrees azimuth.
3. Please note the horizontal drainhole and its end point must be located within the legal boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.

31. AFFIDAVIT FOR ALTERNATIVE CASING PROGRAM

(Signature on front of this form attests to this affidavit)

1. This well WILL ☐ WILL NOT ☐ penetrate any known lost circulation zones.
2. During the drilling of this well, withdrawals from any water well within 1/4 mile WILL ☐ WILL NOT ☐ exceed 50 gallons per minute.
3. The projected depth of the well IS ☐ IS NOT ☐ less than 100 feet from the top of any enhanced recovery project or gas storage facility.
4. List the following for all water wells within 1/4 mile of this well. (Information concerning some water wells may be obtained from the OKLAHOMA WATER RESOURCES BOARD, 3800 N. Classen Blvd., Oklahoma City, OK 73118). IF NO WATER WELLS FOUND, SO STATE. (ATTACH ADDITIONAL SHEET IF NECESSARY)

Name of Owner/Operator	Address of Owner/Operator	Location (Nearest 1/4 1/4 1/4 1/4)	Depth of Well

5. A cement bond log is required to be run and submitted from not less than 100 feet below the base of the treatable water-bearing formation to the surface. **OCC USE ONLY**
6. If casing depth is more than 250 feet deeper than base of the treatable water-bearing formation, operator must submit a letter of request listing reasons and precautions to be taken.

INTENT TO DRILL CHECKLIST

OCC USE ONLY

OCC USE ONLY

APPROVED

REJECTED

1. SURETY

- A. NONE filed. 12/11/17
- B. EXPIRED: Date _____
- C. OUTSTANDING CONTEMPT ORDER. _____

4. GEOLOGY

DO NOT WRITE INSIDE THIS BOX

DATE: 11/01/2017 Time: 09:24
 Case: 000000000 Cashier: CRS
 Payor: GRADIE OIL & GAS, INC
 Check: 6332 \$400.00
 45 Emerg Mark thru LTD
 OKLA CORP COMM
 RECEIPT 180180014

A circular seal for a Professional Land Surveyor. The outer ring contains the text "LICENSED PROFESSIONAL LAND SURVEYOR" at the top and "OKLAHOMA" at the bottom. The inner circle contains the name "FRED ANTHONY SELESKY", the license number "10-31-2017", and the commission expiration date "1860".

NW CORNER (NAD 27)
LAT: N35°18'18.51"
LONG: W97°57'12.28"
ELEV: 1311'

SECTION 33, T 10 N - R 07 W, I.M.,
GRADY COUNTY, OKLAHOMA

NW CORNER, NE/4
LAT: N35°18'18.69"
LONG: W97°56'40.48"
ELEV: 1303'

NE CORNER (NAD 27)
LAT: N35°18'18.78"
LONG: W97°56'08.46"
ELEV: 1277'

DATUM: NAD 27
LAT.: N35°18'03"
LONG.: W97°57'00"
LAT.: N35.300939
LONG.: W97.950076
SPC (US FEET): OK-S
X: 2014898
Y: 716064

NE CORNER SE/4
LAT: N35°17'52.78"
LONG: W97°56'08.50"
ELEV: 1288'

SE CORNER (NAD 27)
LAT: N35°17'26.33"
LONG: W97°56'08.62"
ELEV: 1329'

SE CORNER SW/4
LAT: (N35°17'26.35")
LONG : (W97°56'40.38")

BOTTOM HOLE
85' FSL - 990' FWL

SW CORNER (NAD 27)
LAT: N35°17'26.36"
LONG: W97°57'12.14"
ELEV: 1287'

BEARINGS ARE GRID
OKLAHOMA SPC, NAD 27, SOUTH ZONE

Operator: GAEDEKE OIL AND GAS OPERATING, LLC

Date Staked: 09/20/17

Lease Name: BETCHE

Well No.: 1H-33

Elevation: 1307.1'

Topography and Vegetation: PASTURE

Good Drill Site? YES

Reference or Alt. Location Stakes Set: NONE

Best Accessibility to Location: FROM COUNTY ROAD

Distance and Direction from Hwy. Jct. or town: FROM MINCO HEAD SOUTH ON ST. HWY 37/SW 3RD ST.
FOR 1 MILE, TURN EAST INTO LOCATION.

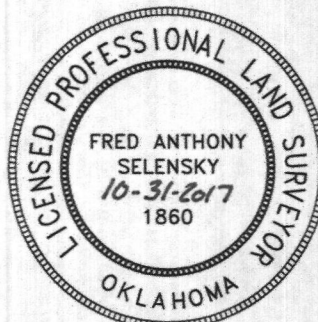
LEGEND
SURFACE LOCATION
EXISTING WELL * BOTTOM HOLE/PENETRATION POINT
PROPOSED DRILL PATH
EXISTING PIPELINE - - - - -
ELECTRIC LINE - - - - -
OVERHEAD POWER - - - - -
FENCE - - - - -

Fred A. Selensky
FRED ANTHONY SELENSKY
OKLAHOMA L.P.L.S. NO.: 1860

10-31-2017
DATE

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.



Gateway
Gateway Services Group, LLC

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

EXHIBIT "A" PRELIMINARY

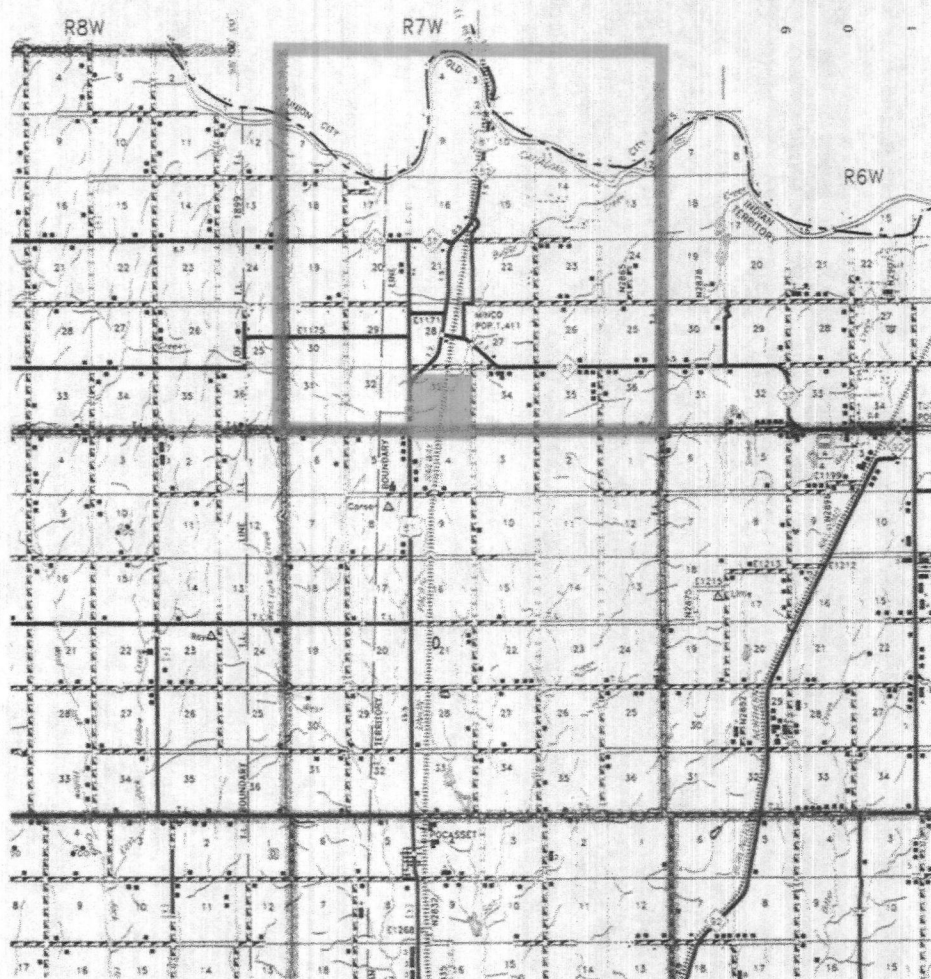
GAEDEKE OIL AND GAS OPERATING, LLC
BETCHE #1H-33
1537' FNL - 990' FWL
SECTION 33, T 10 N - R 07 W, I.M.,
GRADY COUNTY, OKLAHOMA

DRAWN BY: CLC		DATE: 09/22/17	CHK'D: RLG
GATEWAY NO.: 17-0467-002R1		SCALE: 1"=1000'	
PAD#:		WELL#:	
REV.	DWN.	DESCRIPTION	DATE
1	CLC	CHANGED FOOTAGES ON BHL	10/30/17

SECTION 33, T 10 N - R 07 W, I.M.,
GRADY COUNTY, OKLAHOMA

VICINITY MAP

BEARINGS ARE GRID
OKLAHOMA SPC, NAD 27, SOUTH ZONE



SEC. 33 TWP. 10N RNG. 07W SCALE: 1"=3 MILES
COUNTY GRADY STATE OK
OPERATOR GAEDEKE OIL AND GAS OPERATING, LLC

Gateway
Gateway Services Group, LLC

PO. BOX 960
MEEKER, OK 74855
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EXP. DATE 6-30-2018

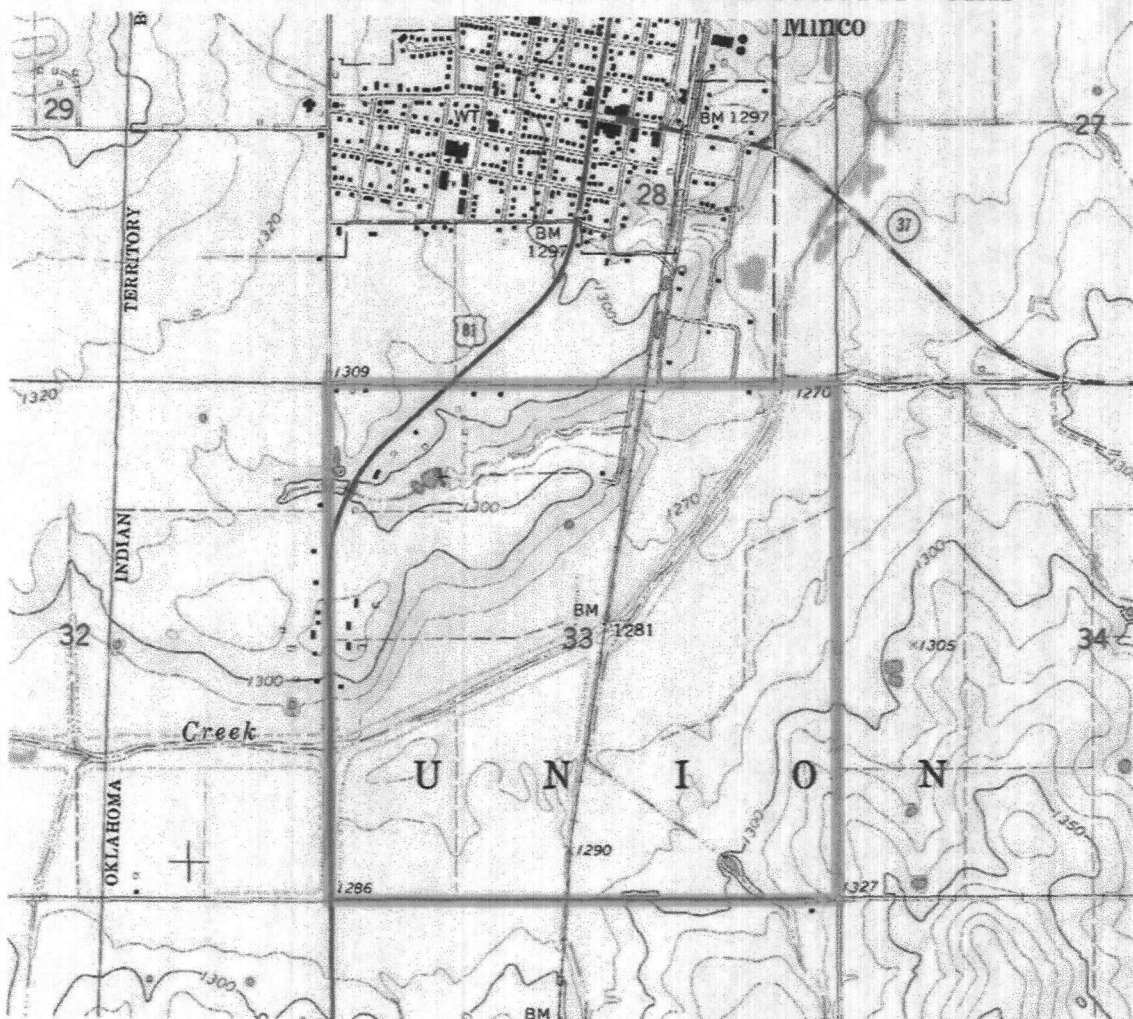
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BETCHE #1H-33
1537' FNL - 990' FWL
SECTION 33, T 10 N - R 07 W, I.M.,
GRADY COUNTY, OKLAHOMA

DRAWN BY: CLC		DATE: 09/22/17	CHK'D: RLG
GATEWAY NO.: 17-0467-003R1		SCALE: 1"=3 MILES	
PAD#:		WELL#:	
REV.	DWN.	DESCRIPTION	DATE
1	CLC	CHANGED FOOTAGES ON BHL	10/30/17

SECTION 33, T 10 N - R 07 W, I.M.,
GRADY COUNTY, OKLAHOMA

LOCATION & ELEVATION VERIFICATION MAP

BEARINGS ARE GRID
OKLAHOMA SPC, NAD 27, SOUTH ZONE



SEC. 33 TWP. 10N 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 1537' FNL - 990' FWL-NW/4
LEASE BETCHE #1H-33
ELEVATION 1307.1' AT STAKE CONTOUR INTERVAL 10'
U.S.G.S TOPOGRAPHIC
QUADRANGLE MAP MINCO

Gateway

Gateway Services Group, LLC

PO. BOX 960
MEEKER, 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
BETCHE #1H-33
1537' FNL - 990' FWL
SECTION 33, T 10 N - R 07 W, I.M.,
GRADY COUNTY, OKLAHOMA

DRAWN BY: CLC		DATE: 09/22/17	CHK'D: RLG
GATEWAY NO.: 17-0467-004R1		SCALE: 1"=2000'	
PAD#:		WELL#:	
REV.	DWN.	DESCRIPTION	DATE
1	CLC	CHANGED FOOTAGES ON BHL	10/30/17