

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

API NUMBER: 051 24334

Approval Date: 04/18/2018

Expiration Date: 10/18/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 7N Rge: 5W County: GRADY  
SPOT LOCATION:  NE  NE  NE  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 216 26

Lease Name: NORMA JEAN Well No: 1H-6 Well will be 26 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

NORMA JEAN WIST REVOCABLE TRUST  
816 SEATTLE SLEW  
EDMOND OK 73025

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

Name	Depth	Name	Depth
1 WOODFORD	11545	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 663980

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 16829 Ground Elevation: 1303 Surface Casing: 1200 Depth to base of Treatable Water-Bearing FM: 430

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: CHICKASHA

D. One time land application -- (REQUIRES PERMIT)  
H. SEE MEMO

PERMIT NO: 18-34154

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: CHICKASHA

## HORIZONTAL HOLE 1

Sec 06 Twp 7N Rge 5W 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: 11020

Radius of Turn: 550

Direction: 182

Total Length: 4945

Measured Total Depth: 16829

True Vertical Depth: 16000

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

### Notes:

#### Category

#### Description

#### COMPLETION INTERVAL

4/16/2018 - G60 - WILL BE LEGAL NCT 165' FNL/FSL, NCT 330' FEL/FWL FOR THE WOODFORD PER OPERATOR

#### DEEP SURFACE CASING

4/6/2018 - 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

4/6/2018 - 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: [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

4/6/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

#### SPACING - 663980

4/13/2018 - G60 - (640) 6-7N-5W  
VAC OTHER  
EXT 621966 WDFD, OTHERS  
COMPL. INT. (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL

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

051 24334 NORMA JEAN 1H-6

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.

3505124334

SECTION 6, T 07 N - R 05 W, I.M.,  
GRADY COUNTY, OKLAHOMANE CORNER (NAD 27)  
LAT: N35°06'59.77"  
LONG: W97°45'30.46"  
ELEV: 1300.8'

T 8 N

T 7 N

NW CORNER (NAD 27)  
LAT: N35°06'59.85"  
LONG: W97°46'33.46"  
ELEV: 1211.7'NW COR. NW/4 (NAD 27)  
LAT: (N35°06'59.81")  
LONG : (W97°46'01.95")DATUM: NAD 27  
LAT.: N35°06'57.6269"  
LONG.: W97°45'31"  
LAT.: N35.116007  
LONG.: W97.758549  
SPC (US FEET): OK-S  
X: 2072213  
Y: 648836

6

SW COR. NW/4 (NAD 27)  
LAT: (N35°06'33.73")  
LONG : (W97°46'33.42")SE COR. SW/4 (NAD 27)  
LAT: (N35°06'07.69")  
LONG : (W97°46'01.87")SW CORNER (NAD 27)  
LAT: (N35°06'07.62")  
LONG: (W97°46'33.38")BOTTOM HOLE  
85' FSL - 330' FELNE COR. SE/4 (NAD 27)  
LAT: (N35°06'33.77")  
LONG : (W97°45'30.41")SE CORNER (NAD 27)  
LAT: N35°06'07.77"  
LONG: W97°45'30.36"  
ELEV: 1246.3'Operator: GAEDEKE OIL & GAS OPERATING, LLCLease Name: NORMA JEANTopography and Vegetation: PASTUREGood Drill Site? YESReference or Alt. Location Stakes Set: NONEBest Accessibility to Location: FROM LEASE ROADDistance and Direction from Hwy. Jct. or town: FROM THE JUNCTION OF SH-76 AND US-62 IN BLANCHARD, OKLAHOMA, HEAD SOUTHWEST 2.2 MILES ON US-62, THEN NORTH 0.2 MILE ON CO. RD. N2970, THEN WEST 1.1 MILES ON OLD HIGHWAY 62, THEN WEST 1.0 MILE ON CO. RD. E1310, THEN WESTERNLY 1.9 MILES ON LEASE ROAD. LOCATION IS ON NOTH SIDE OF LEASE ROAD

## LEGEND

SURFACE LOCATION  
EXISTING WELL \* BOTTOM HOLE/PENETRATION POINT ●  
PROPOSED DRILL PATH  
EXISTING PIPELINE - - - - -  
ELECTRIC LINE - - - - -  
OVERHEAD POWER - - - - -  
FENCE - - - - -KYLE D. ADAMS  
OKLAHOMA P.L.S. NO.: 1944

DATE

4/17/18

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

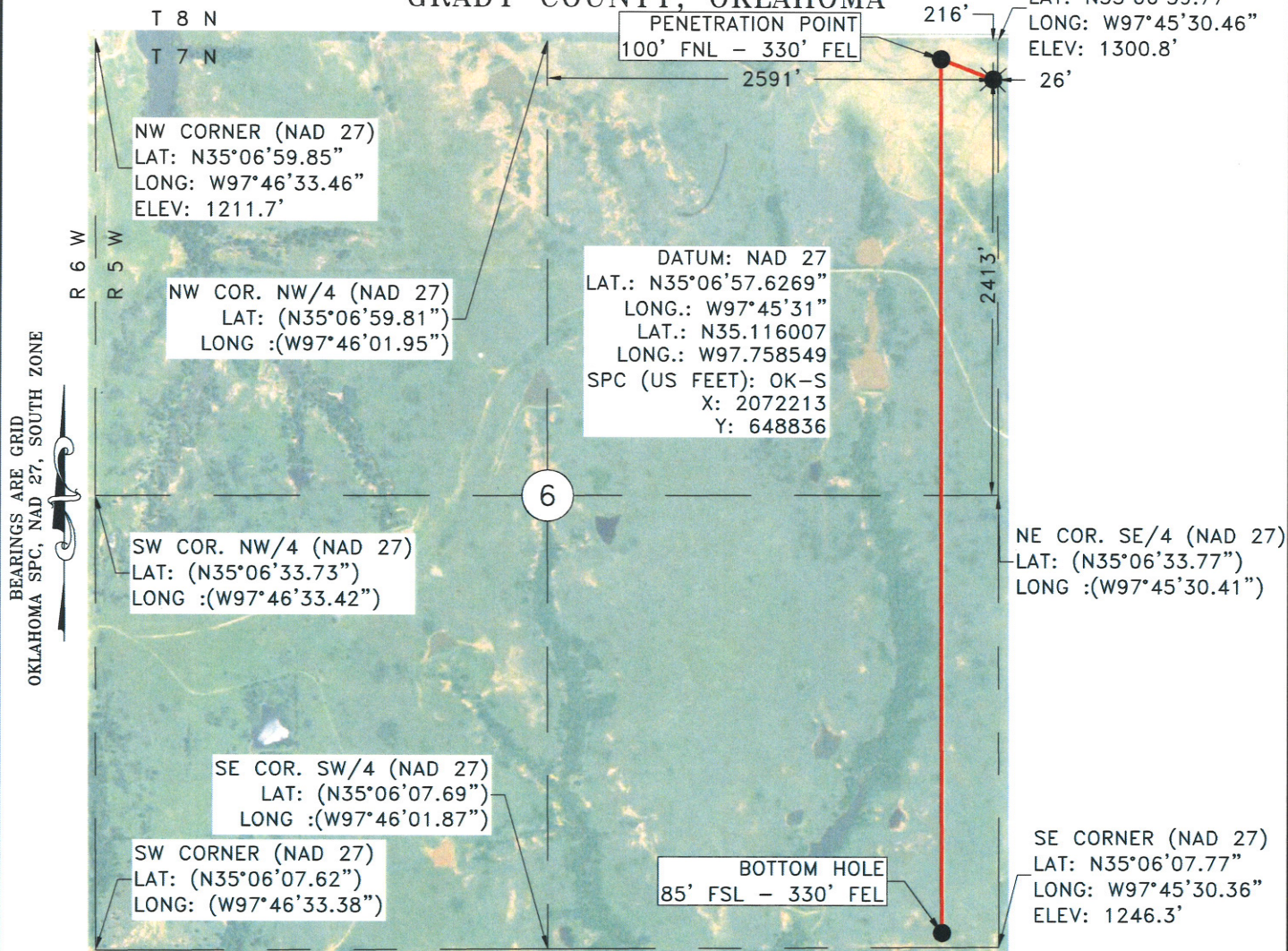
## EXHIBIT "A" PRELIMINARY

GAEDEKE OIL AND GAS OPERATING, LLC  
NORMA JEAN #1H-6  
216'FNL - 26'FEL  
SECTION 6, T 07 N - R 05 W, I.M.,  
GRADY COUNTY, OKLAHOMA

DRAWN BY: MRC		DATE: 3/19/18	CHK'D: CWP
GATEWAY NO.: 18-0228-001R1		SCALE: 1"=1000'	
PAD#:		WELL#:	
REV.	DWN.	DESCRIPTION	DATE
1	CLC	NAME CORRECTION	04/16/18



# SECTION 6, T 07 N - R 05 W, I.M., GRADY COUNTY, OKLAHOMA



Operator: GAEDEKE OIL & GAS OPERATING, LLC

Lease Name: NORMA JEAN

Topography and Vegetation: PASTURE

Good Drill Site? YES

Reference or Alt. Location Stakes Set: NONE

Best Accessibility to Location: FROM LEASE ROAD

Distance and Direction from Hwy. Jct. or town: FROM THE JUNCTION OF SH-76 AND US-62 IN BLANCHARD, OKLAHOMA, HEAD SOUTHWEST 2.2 MILES ON US-62, THEN NORTH 0.2 MILE ON CO. RD. N2970, THEN WEST 1.1 MILES ON OLD HIGHWAY 62, THEN WEST 1.0 MILE ON CO. RD. E1310, THEN WESTERNLY 1.9 MILES ON LEASE ROAD. LOCATION IS ON NOTH SIDE OF LEASE ROAD

Date Staked: 3/18/2018

Well No.: #1H-6

Elevation: 1303.3'

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

*[Signature]*  
KYLE D. ADAMS  
OKLAHOMA P.L.S. NO.: 1944

4/17/18  
DATE



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GRADY COUNTY, OKLAHOMA

DRAWN BY: MRC		DATE: 3/19/18	CHK'D: CWP
GATEWAY NO.: 18-0228-002R1		SCALE: 1"=1000'	
PAD#:		WELL#:	
REV.	DWN.	DESCRIPTION	DATE
1	CLC	NAME CORRECTION	04/16/18

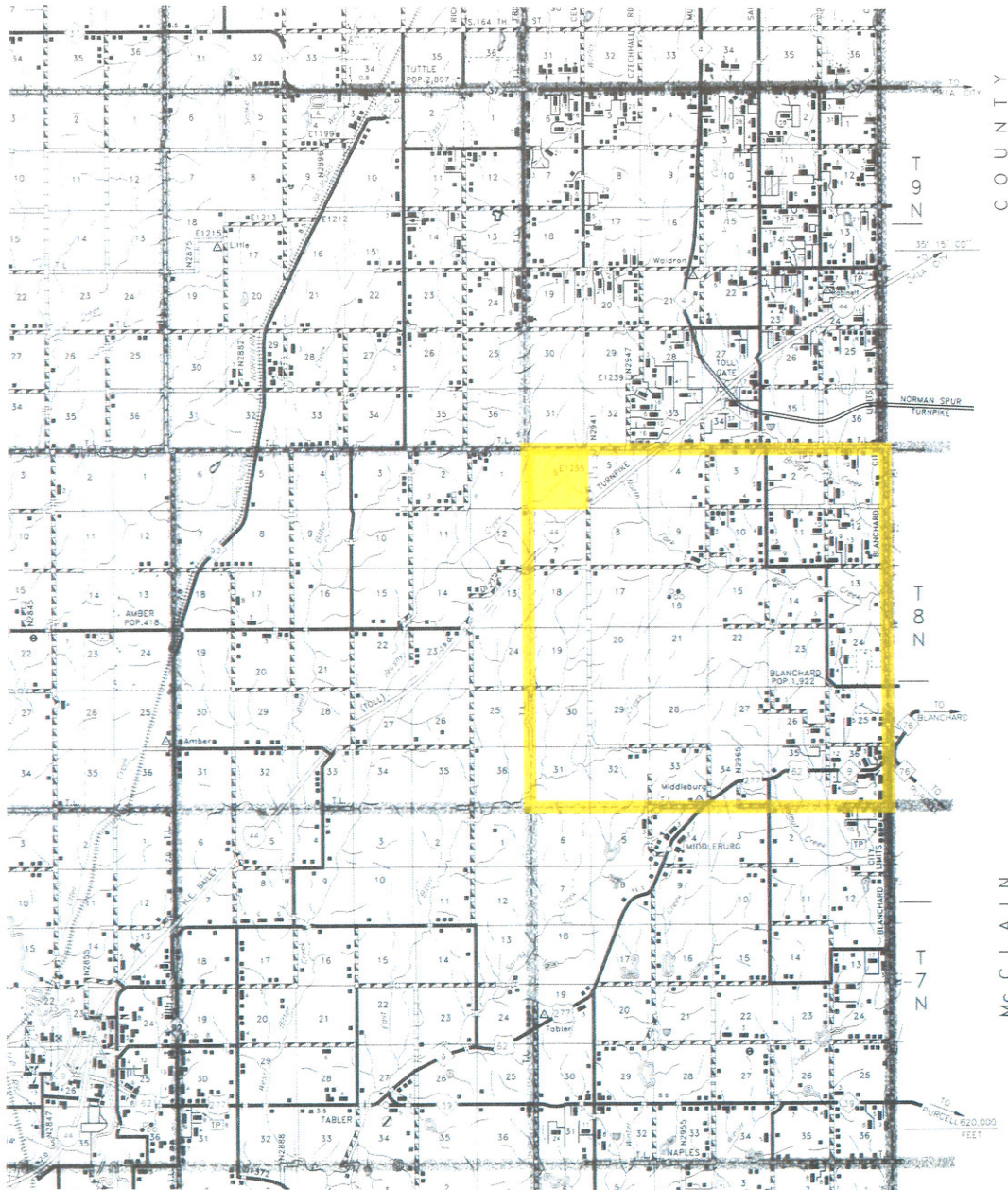
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SECTION 6, T 07 N - R 05 W, I.M.,  
GRADY COUNTY, OKLAHOMA

VICINITY MAP

BEARINGS ARE GRID  
OKLAHOMA SPC, NAD 27, SOUTH ZONE



SEC. 6 TWP. 07N RNG. 05W SCALE: 1"=3 MILES  
COUNTY GRADY STATE OK  
OPERATOR GAEDEKE OIL AND GAS OPERATING, LLC

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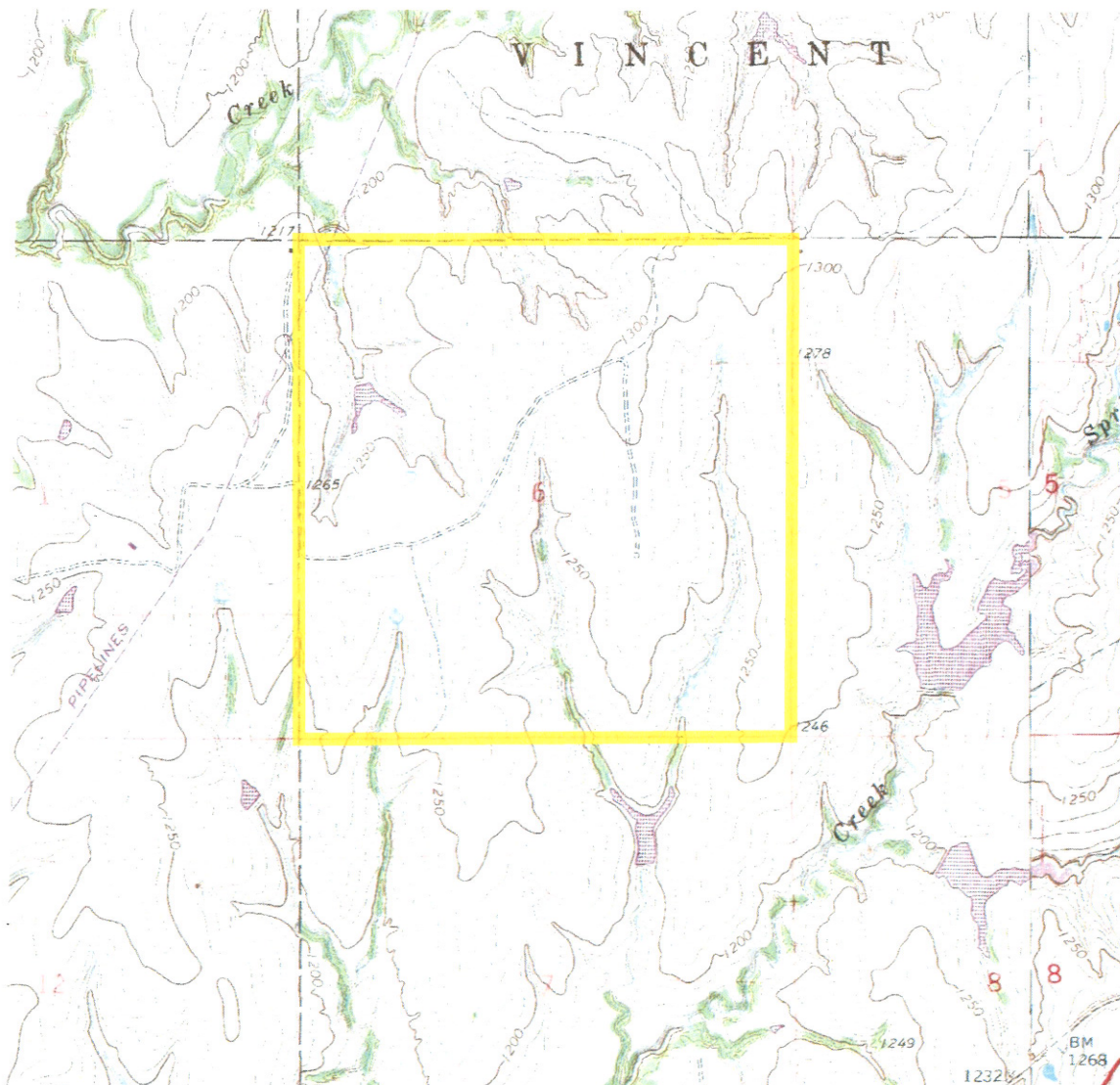
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SECTION 6, T 07 N - R 05 W, I.M.,  
GRADY COUNTY, OKLAHOMA

DRAWN BY: MRC		DATE: 3/19/18		CHK'D: CWP	
GATEWAY NO.: 18-0228-003R1				SCALE: 1"=3 MILES	
PAD#:				WELL#:	
REV. DWN.		DESCRIPTION		DATE	
1	CLC	NAME CORRECTION		04/16/18	



SECTION 6, T 07 N – R 05 W, I.M.,  
GRADY COUNTY, OKLAHOMA  
LOCATION & ELEVATION VERIFICATION MAP

BEARINGS ARE GRID  
OKLAHOMA SPC, NAD 27, SOUTH ZONE



SEC. 6 TWP. 07N RNG. 05W 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 216' FNL – 26' FEL-NE/4  
LEASE NORMA JEAN #1H-6  
ELEVATION 1303.3' AT STAKE CONTOUR INTERVAL 10'  
U.S.G.S TOPOGRAPHIC  
QUADRANGLE MAP POCASSET

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