API NUMBER: 051 24326

Oil & Gas

Horizontal Hole

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

04/11/2018 Approval Date: Expiration Date: 10/11/2018

16711 0

Well will be 265 feet from nearest unit or lease boundary.

OTC/OCC Number:

#### PERMIT TO DRILL

WELL LOCATION:	Sec: 17 Twp: 6N	Rge: 8W	County	: GRA	DY	
SPOT LOCATION:	NW NW NW	NE	FEET FROM QUARTER:	FROM	NORTH FRO	M EAST
			SECTION LINES:		265	2365
Lease Name:	SCHENK TRUST		W	ell No:	3HXL	
Operator Name:	UNIT PETROLEUM COMI	PANY			Telephone:	9184937700; 9184937

UNIT PETROLEUM COMPANY ELIZABETH SCHENK REVOCABLE TRUST PO BOX 702500

521 CR 1360 TULSA. 74170-2500 OK

CHICKASHA OK 73018

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

	Name	Depth	Name	Depth
1	HOXBAR	10899	6	
2			7	
3			8	
4			9	
5			10	
Spacing Orders:	623131	Location Exception Orders:		Increased Density Orders: 667097
	665027	· 		,

Pending CD Numbers: 201800905 Special Orders:

Total Depth: 10998 Ground Elevation: 1294 Surface Casing: 1985 Depth to base of Treatable Water-Bearing FM: 740

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No

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

H. SEE MEMO

Approved Method for disposal of Drilling Fluids: PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED Chlorides Max: 5000 Average: 3000 Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

is located in a Hydrologically Sensitive Area.

Category of Pit: C

Wellhead Protection Area?

Liner not required for Category: C Pit Location is BED AQUIFER

Pit Location Formation: RUSH SPRINGS

PERMIT NO: 18-34066

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C
Pit Location is BED AQUIFER

Pit Location Formation: RUSH SPRINGS

#### **HORIZONTAL HOLE 1**

Rge 8W Sec. 20 Twp 6N County **GRADY** Spot Location of End Point: SE SW SW SW Feet From: SOUTH 1/4 Section Line: 165 WEST Feet From: 1/4 Section Line: 650

Depth of Deviation: 10369
Radius of Turn: 477
Direction: 190

Total Length: 9912

Measured Total Depth: 21030

True Vertical Depth: 10998

End Point Location from Lease,
Unit, or Property Line: 165

 Additional Surface Owner
 Address
 City, State, Zip

 ELIZABETH SCHENK REVOCABLE T
 521 CR 1360
 CHICKASHA, OK 73018

Notes:

Category Description

DEEP SURFACE CASING 3/20/2018 - 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 3/20/2018 - 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:

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

INCREASED DENSITY - 667097 3/29/2018 - G58 - 17-6N-8W

X623131 HXBR 3 WELLS

**UNIT PETROLEUM COMPANY** 

8/17/2017

MEMO 3/20/2018 - 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 24326 SCHENK TRUST 3HXL

Category Description

PENDING CD - 201800902 3/29/2018 - G58 - 20-6N-8W

X665027 HXBR 2 WELLS NO OP. NAMED

REC 2/20/2018 (JOHNSON)

PENDING CD - 201800903 3/29/2018 - G58 - (E.O.) 17 & 20-6N-8W

EST MULTIUNIT HORIZONTAL WELL

X623131 HXBR (17-6N-8W) X665027 HXBR (20-6N-8W)

60% 17-6N-8W 40% 20-6N-8W NO OP. NAMED

REC 2/20/2018 (JOHNSON)

PENDING CD - 201800904 3/29/2018 - G58 - (I.O.) 17 & 20-6N-8W

X623131 HXBR (17-6N-8W) X665027 HXBR (20-6N-8W)

COMPL. INT. (17-6N-8W) NCT 0' FSL, NCT 165' FNL, NCT 1000' FWL COMPL. INT. (20-6N-8W) NCT 0' FNL, NCT 660' FSL, NCT 660' FWL

NO OP. NAMÈD

REC 2/20/2018 (JOHNSON)

PENDING CD - 201800905 3/29/2018 - G58 - (I.O.) 17 & 20-6N-8W

X165:10-3-28(C)(2)(B) HXBR (SCHENK TRUST 3-17HXL & SCHENK TRUST 2-17HXL)

MAYBE CLOSER THAN 600' SCHENK TRUST 3-17XHL WELL

REC 2/20/2018 (JOHNSON)

SPACING - 623131 3/29/2018 - G58 - (640)(HOR) 17-6N-8W

EXT 614789/615223 HXBR COMPL. INT. NCT 660' FB

(SUPERSEDE NON-PRODUCING, NON-HORIZONTAL SPACING UNITS; COEXIST WITH

PRODUCING, NON-HORIZONTAL SPACING UNITS)

SPACING - 665027 3/29/2018 - G58 - (640)(HOR) 20-6N-8W

EXT 649281 HXBR COMPL. INT. NCT 660' FB

(COEXIST SP ORDER 210699 YULE, WADE, MRCD, HDTN, CLPM)

## Sections 17 & 20, T 6 N, R 8 W.I.M., **Grady County, Oklahoma.**

8 W.I.M., Grady County, Oklahoma. section line and 2365 feet "Schenk Trust #3-17HXL" situated 265 feet from the north from the east section line of Section 17, T 6 N, R 8 W.I.M., east section line of Section 17, T Penetration "Schenk <sup>-</sup> Point of

Trust #3-17HXL" situated 700 feet from the north section line and 2500 feet east section line of Section 17, T 6 N, R 8 W.I.M., Grady County, Oklahoma. the Fom

"Schenk Trust #3-17HXL" situated 660 **Bottom Location** 

Oklahoma. south section line and 660 feet Grady County, feet from the south s 0, T 6 N, R 8 W.I.M., Section ð section line

R8W N:606504 E:1948546 N:606505 E:1945925 265' S 89°54'56" W 2637' N:606508 E:1951183 SURFACE -2365' SURFACE TO POP SCHENK 2-17HXL S 17°22'33" W -2500' 2649' E:1948802 456' POINT OF PENETRATION
"SCHENK TRUST #3-17HXL"
UNIT PETROLEUM CO.
34°59'52.609"N (34.99795°) NAD 83
98°03'58.228"W (-98.06617°) NAD 83/
OKLAHOMA SOUTH STATE PLANE
Y= 605804 (NAD 83) N 00°09'20" Y= 605804 (NAD 83) X= 1948681 (NAD 83) N 89°52'53" E 2623' S 89°52'53" W 2628' 17 N:603867 N:603856 E:1945924 E:1951176 2649' 2671' ANDERSON 1-17 N 00°06'16" W 2641 E:1947904 ≥ N 00°02'08" W S 00°00'28" T<sub>6</sub>N N:601207 S 89°38'44" E 2625' S 89°14'25" W 2631'\_ N:601191 E:1948549 E:1951180 POP TO BOTTOM \$ 12°52'06" W 9427' 2627 E 2635 S 00°03'44" E 2606 00°01'54" W S 00°05'40" N-598580 N:598590 S 89°53'31" W 2632' E:1945923 20 E:1951185 N 89°53'31" E 2630 BOTTOM LOCATION
"SCHENK TRUST #3-17HXL"
UNIT PETROLEUM CO.
34°58'21.693"N (34.97269°) NAD 83
98°04'23.384"W (-98.07316°) NAD 83
OKLAHOMA SOUTH STATE PLANE N:597654 **X** E:1948222 DL JOHNSTON #1 N 00°03'44" W ≥ Y= 596614 (NAD 83) X= 1946581 (NAD 83) 00°01'54' N 00°05'40" DL JOHNSTON #2-20 -660'**ф** воттом 660' N 89°59'00" E 2634' S 89°59'00" W 2634' N 595954 N:595955 E:1948555



Surface Hole Location

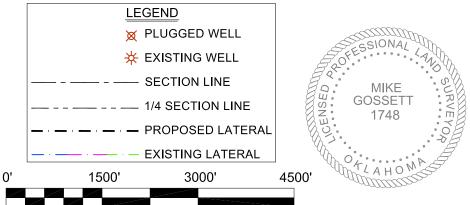
Datum: NAD 83 Units: US Survey Feet North: Grid Coordinates: State Plane Zone: 3502 State: Oklahoma Region: South







WOODWARD, OKLAHOMA 73802 OKLA. CA #7719, EXP. 06/30/2019

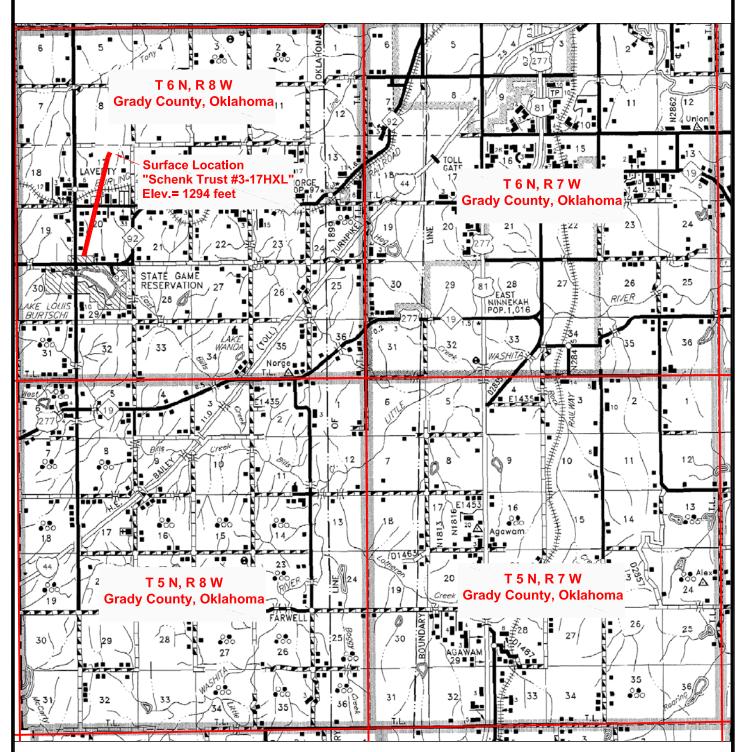


1. EXISTING WELL COORDINATES ARE FROM THE OCC WEB SITE AND WERE NOT FIELD LOCATED. 2. UTILITIES SHOWN HEREON ARE FROM OBSERVED EVIDENCE IN THE FIELD.

3. THIS SURVEY IS FOR A WELL LOCATION EXHIBIT ONLY. NOT TO BE USED AS A BOUNDARY SURVEY. 4. DATE OF LAST SITE VISIT: 11-14-2017

REVISIONS: 04-10-2018	DRAWN BY:	JOB:	DATE OF PLAT:	SCALE:	SHEET:	
CHANGED BOTTOM TO 660' X 660'	C.M.G.	015-18	01-26-2018	1"=1500'	1 OF 4	
amail:mika@onnointsurvovok.com wah:www.onnointlandsurvovok.com						

## Section 17 & 20, T 6 N, R 8 W.I.M., Grady County, Oklahoma.



## **VICINITY MAP**



"Schenk Trust #3-17HXL" situated 265 feet from the north section line and 2365 feet from the east section line of Section 17, T 6 N, R 8 W.I.M., Grady County, Oklahoma.

## Point of Penetration

"Schenk Trust #3-17HXL" situated 700 feet from the north section line and 2500 feet from the east section line of Section 17, T 6 N, R 8 W.I.M., Grady County, Oklahoma.

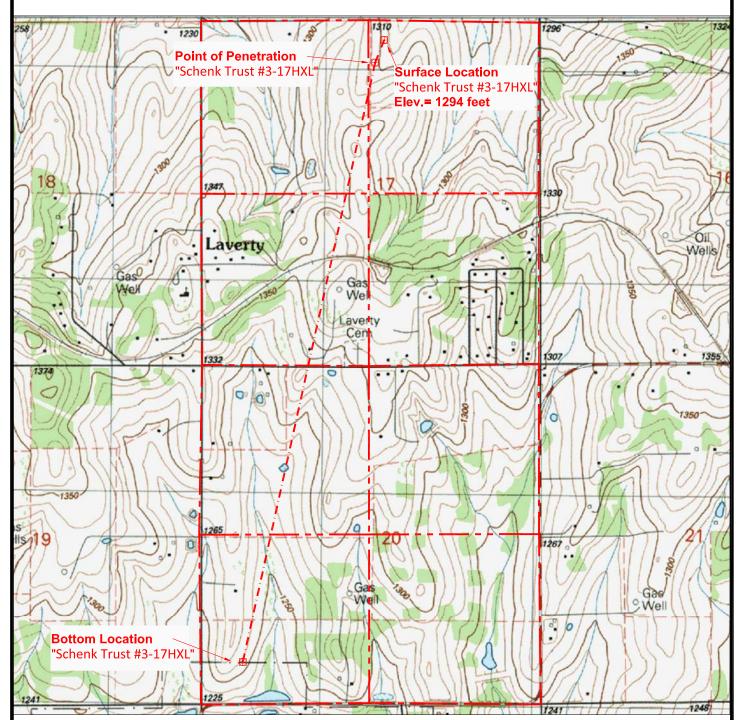
## **Bottom Location**

"Schenk Trust #3-17HXL" situated 660 feet from the south section line and 660 feet from the west section line of Section 20, T 6 N, R 8 W.I.M., Grady County, Oklahoma.



REVISIONS: 04-10-2018	DRAWN BY:	JOB:	DATE OF PLAT:	SCALE:	SHEET:	
CHANGED BOTTOM TO 660' X 660'	C.M.G.	015-18	01-26-2018	NTS	2 OF 4	
email:mike@onpointsurveyok.com web:www.onpointlandsurveyok.com						

# Section 17 & 20, T 6 N, R 8 W.I.M., Grady County, Oklahoma.



## **ELEVATION MAP**



### Surface Hole Location

"Schenk Trust #3-17HXL" situated 265 feet from the north section line and 2365 feet from the east section line of Section 17, T 6 N, R 8 W.I.M., Grady County, Oklahoma.



### Point of Penetration

"Schenk Trust #3-17HXL" situated 700 feet from the north section line and 2500 feet from the east section line of Section 17, T 6 N, R 8 W.I.M., Grady County, Oklahoma.



## **Bottom Location**

"Schenk Trust #3-17HXL" situated 660 feet from the south section line and 660 feet from the west section line of Section 20, T 6 N, R 8 W.I.M., Grady County, Oklahoma.



REVISIONS: 04-10-2018	DRAWN BY:	JOB:	DATE OF PLAT:	SCALE:	SHEET:	
CHANGED BOTTOM TO 660' X 660'	C.M.G.	015-18	01-26-2018	NTS	3 OF 4	
email:mike@onpointsurveyok.com web:www.onpointlandsurveyok.com						

## Section 17 & 20, T 6 N, R 8 W.I.M., Grady County, Oklahoma.



## **2014 PHOTO**

## Surface Hole Location

"Schenk Trust #3-17HXL" situated 265 feet from the north section line and 2365 feet from the east section line of Section 17, T 6 N, R 8 W.I.M., Grady County, Oklahoma.

## Point of Penetration

"Schenk Trust #3-17HXL" situated 700 feet from the north section line and 2500 feet from the east section line of Section 17, T 6 N, R 8 W.I.M., Grady County, Oklahoma.

## **Bottom Location**

"Schenk Trust #3-17HXL" situated 660 feet from the south section line and 660 feet from the west section line of Section 20, T 6 N, R 8 W.I.M., Grady County, Oklahoma.



REVISIONS: 04-10-2018	DRAWN BY:	JOB:	DATE OF PLAT:	SCALE:	SHEET:		
CHANGED BOTTOM TO 660' X 660'	C.M.G.	015-18	01-26-2018	NTS	4 OF 4		
email:mike@onpointsurveyok.com web:www.onpointlandsurveyok.com							