API NUMBER: 037 29355

Straight Hole

Oil & Gas

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

Approval Date: 11/02/2016
Expiration Date: 05/02/2017

PERMIT TO DRILL

WELL LOCATION:	Sec:	05	Twp:	17N	Rge:	7E	County	: CRE	EK				
SPOT LOCATION:	SW	Sv	V N	E	NW		FEET FROM QUARTER:	FROM	SOUTH	FROM	WEST		
							SECTION LINES:		1332		1395		

Lease Name: TIGER CREEK Well No: 2 Well will be 60 feet from nearest unit or lease boundary.

Operator LITTLE RIVER ENERGY COMPANY Telephone: 9183524444 OTC/OCC Number: 10148 0

LITTLE RIVER ENERGY COMPANY

PO BOX 1113

DRUMRIGHT, OK 74030-1113

US TANK TRUCKS, INC

PO BOX 1155

DRUMRIGHT OK 74030

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

	Name		Depth		Name		Depth
1	TRUE LAYTON		1425	6	RED FORK		2500
2	JONES	/SD/	1725	7	1ST WILCOX		2750
3	OSWEGO		2225	8	2ND WILCOX		2850
4	PRUE		2300	9	ARBUCKLE		3100
5	SKINNER		2450	10			
Spacing Orders:	269243		Location Exception Orders:		Increased Density Orders:		
	563445						

Pending CD Numbers: 201603992 Special Orders:

Total Depth: 3100 Ground Elevation: 830 Surface Casing: 730 Depth to base of Treatable Water-Bearing FM: 680

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: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 2500

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: 2

Liner not required for Category: 2
Pit Location is BED AQUIFER
Pit Location Formation: VAMOOSA

F. Haul to Commercial soil farming facility: Sec. 13 Twn. 19N Rng. 5E Cnty. 119 Order No:

Notes:

Category Description

HYDRAULIC FRACTURING 10/26/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF

HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO

GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.

PENDING CD - 201603992 10/26/2016 - G64 - (I.O.) SW4 NE4 NW4 5-17N-7E

X269243 OSWG, WLCX1, WLCX2, ABCK X36388 JONS, PRUE, SKNR, RDFK X563445 LYTNT, JONS, PRUE, SKNR, RDFK

75' FSL, 60' FWL SW4 NE4 NW4

NO OP. NAMED

REC. 10-11-2016 (MCKEOWN)

SPACING - 269243 10/26/2016 - G64 - (10) S2 N2 NW4 5-17N-7E

EXT 247651 OSWG, WILCX1, WLCX2, ABCK, OTHERS

EST OTHERS

SPACING - 36388 10/26/2016 - G64 - (10) W2 5-17N-7E

EST JONS, PRUE, SKNR, RDFK

SPACING - 563445 10/26/2016 - G64 - (10) SW4 NE4 NW4 5-17N-7E

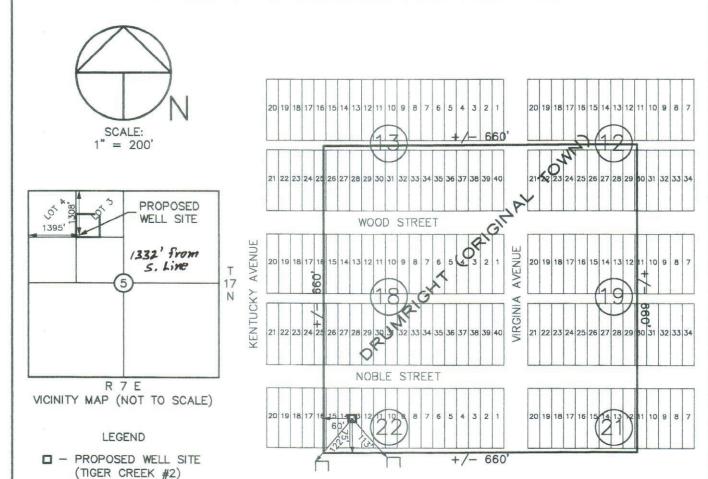
EXT 247651 LYTNT, JONS, PRUE, SKNR, RDFK

SURFACE LOCATION 11/1/2016 - G64 - 1332' FSL, 1395' FWL NW4 5-17N-7E BEING 75' FSL, 60' FWL SW4 NE4 NW4

PER STAKING PLAT

API: 037 29355

PROPOSED WELL SITE IN THE SW/4 OF LOT 3 IN THE NW/4 OF SECTION 5, TOWNSHIP 17 NORTH, RANGE 7 EAST, I.M., IN THE CITY OF DRUMRIGHT, CREEK COUNTY, OK



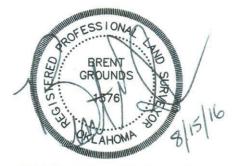
THIS DRAWING WAS PREPARED AT THE REQUEST OF LITTLE RIVER ENERGY COMPANY BY BRENT GROUNDS, OKLAHOMA LICENSED LAND SURVEYOR 1576.

THE COORDINATES OF THE PROPOSED SITE WERE ESTABLISHED WITH A RTK NETWORK ROVER. (DATUM NAD 83) THE LATITUDE OF THE SITE: N 35°59'05.6" THE LONGITUDE OF THE SITE: W 96°35'49.9" THE ELEVATION OF THE GROUND AT THE SITE IS 830'.

NOTES:

- THIS IS NOT A BOUNDARY SURVEY, AND THE LINES SHOWN ON THE SKETCHES ABOVE ARE APPROXIMATE.
- 2. THE PROPOSED WELL SITE IS ON PROPERTY NOW OR FORMERLY OWNED BY CROWDER AS RECORDED IN BOOK 1038 PAGE 234.
- 3. THE PROPERTY MAY BE SUBJECT TO EASEMENTS AND OR RIGHTS OF WAY.
- 4. THE PROPOSED WELL SITE IS 122 FEET NORTHEAST OF THE NORTHWEST CORNER OF A GARAGE. (MEASURED AT ROOF)
 5. THE PROPOSED WELL SITE IS 113 FEET NORTHWEST OF THE NORTHWEST CORNER OF A GARAGE. (MEASURED AT ROOF)

LS 16-131B



LAST SITE VISIT: AUGUST 10, 2016

Grounds Professional Surveying, inc. p.o. box 224 perkins, oklahoma 74059 (405) 547-1233 c.a. #4689