API NUMBER: 143 24319

Disposal

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

Approval Date: 05/22/2018
Expiration Date: 11/22/2018

PERMIT TO DRILL

WELL LOCATION:	Sec:	18	Twp:	20N	Rge:	13E	Count	y: TUL	SA		
SPOT LOCATION:	SE	SE		SE	SE		FEET FROM QUARTER:	FROM	SOUTH	FROM	WEST
							SECTION LINES:		170		2312

Lease Name: QUINTON Well No: 5 Well will be 170 feet from nearest unit or lease boundary.

Operator CROSE OIL COMPANY Telephone: 9185270462 OTC/OCC Number: 10281 0

CROSE OIL COMPANY

PO BOX 504

Straight Hole

COLLINSVILLE, OK 74021-0504

BRENDA QUINTON NUNLEY

7959 SOUTH 438

LOCUST GROVE OK 74352

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

	Name	Depth		Name	Depth
1	OSWEGO	530	6	MISSISSIPPI LIME	1450
2	RED FORK	940	7	SIMPSON	1700
3	BARTLESVILLE	1075	8	ARBUCKLE	1750
4	TUCKER	1200	9		
5	BURGESS	1350	10		
Spacing Orders:	No Spacing	Location Exception Orders:			Increased Density Orders:

Pending CD Numbers: Special Orders:

Total Depth: 2100 Ground Elevation: 641 Surface Casing: 180 Depth to base of Treatable Water-Bearing FM: 130

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 A. Evaporation/dewater and backfilling of reserve pit.

Type of Mud System: WATER BASED

Chlorides Max: 1200 Average: 800

Is depth to top of ground water greater than 10ft below base of pit? $\ \ Y$ Within 1 mile of municipal water well? $\ \ \ N$

within i fille of flurilcipal water well?

Wellhead Protection Area? N

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is NON HSA

Pit Location Formation: SEMINOLE

AddressCity, State, ZipSELENA DAWN GROOMS781 WASHINGTON ROADPRAIRIE GROVE, AR 72753GLENDA QUINTON BURGESS5727 VZ COUNTY ROAD 2120CANTON, TX 75103JOSEPH BUTLER5246 18TH STREETZEPHYR HILLS, FL 33542BENNIE QUINTON508 WOODCREST COURTBOULDER CITY, NV 89005

JODEE GORE 5 LULEWORTH LANE BELLE VISTA, AR 72715 LAVONNA QUINTON VAN HORN 326 WRIGHT STREET 102 LAKEWOOD, CO 80228 COLLEEN TALBOTT KETCHER 1286 WEST 4TH STREET APT A1 TAHLEQUAH, OK 74464

Notes:

Description Category

HYDRAULIC FRACTURING 5/18/2018 - 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

SPACING 5/22/2018 - G57 - N/A DISPOSAL WELL