API NUMBER: 063 24749

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)

Approval Date: 01/03/2018
Expiration Date: 07/03/2018

23879 0

Well will be 247 feet from nearest unit or lease boundary.

OTC/OCC Number:

# PERMIT TO DRILL

: Sec:	30	Twp:	6N	Rge:	11E	E Cou	nty: HU0	GHES		
: NE	NW	NE		NE		FEET FROM QUARTER	: FROM	NORTH	FROM	EAST
						SECTION LINES:		247		851
DAISY							Well No:	4-19/18H	I	
TRINIT	TY OPE	RATIN	IG (US	SG) LL	С			Telep	hone:	9185615631
	: NE DAISY	: NE NW	NE NW NE	NE NW NE	NE NW NE NE	NE NW NE NE	NE NE NE FEET FROM QUARTER SECTION LINES:	NE NE NE FEET FROM QUARTER: FROM SECTION LINES:  DAISY Well No:	: Sec: 30 Twp: 6N Rge: 11E County: HUGHES : NE NW NE NE FEET FROM QUARTER: FROM NORTH SECTION LINES: 247  DAISY Well No: 4-19/18H	: Sec: 30 Twp: 6N Rge: 11E County: HUGHES : NE NW NE NE FEET FROM QUARTER: FROM NORTH FROM SECTION LINES: 247  DAISY Well No: 4-19/18H

TING (USG) LLC

R AVE STE 201

1290 N. PINE HOLLOW RD

MCALESTER OK 74501

E. Haul to Commercial pit facility: Sec. 19 Twn. 8N Rng. 5E Cnty. 125 Order No: 274874

TRINITY OPERATING (USG) LLC
1717 S BOULDER AVE STE 201
TULSA, OK 74119-4842

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

	Name	Depth	Name	Depth		
1	WOODFORD	5751	6			
2			7			
3			8			
4			9			
5			10			
Spacing Orders:	624100	Location Exception Orders:		Increased Density Orders:		
	624103					
Pending CD Num	bers: 201703859			Special Orders:		

Pending CD Numbers: 201703859 201703858

> 201703863 201703862

Total Depth: 16460 Ground Elevation: 708 Surface Casing: 310 Depth to base of Treatable Water-Bearing FM: 260

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

H. SEE MEMO

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: AIR

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: 4

Liner not required for Category: 4

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

#### PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED Chlorides Max: 8000 Average: 5000

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

#### PIT 3 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?

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

### **HORIZONTAL HOLE 1**

Sec 18 Twp 6N Rge 11E County HUGHES

Spot Location of End Point: NE NE NW NE

Feet From: NORTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 1534

Depth of Deviation: 5250 Radius of Turn: 583

Direction: 350

Total Length: 10294

Measured Total Depth: 16460

True Vertical Depth: 5751

End Point Location from Lease, Unit, or Property Line: 1

Notes:

Category Description

HYDRAULIC FRACTURING 12/14/2017 - 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

MEMO 12/14/2017 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, WBM

& OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDFIED AND HELD UNTIL

DISPOSAL APPROVED BY OCC; PIT 3 - OBM TO VENDOR

PENDING CD - 201703858 12/29/2017 - G57 - (I.O.) 19 & 18-6N-11E

EST MULTIUNIT HORIZONTAL WELL

X624100 WDFD 19-6N-11E X624103 WDFD 18-6N-11E 50% 19-6N-11E

50% 19-6N-11E 50% 18-6N-11E

TRINITY OPERATING (USG), LLC. REC 11/14/2017 (MCKEOWN)

PENDING CD - 201703859 12/29/2017 - G57 - (I.O.) 19 & 18-6N-11E

X624100 WDFD 19-6N-11E X624103 WDFD 18-6N-11E

COMPL. INT. (19-6N-11E) NCT 165' FSL, NCT 0' FNL, NCT 1400' FEL COMPL. INT. (18-6N-11E)

NCT 0' FSL, NCT 165' FNL, NCT 1400' FEL

NO OP. NAMED

REC 11/14/2017 (MCKEOWN)

PENDING CD - 201703862 1/3/2018 - G57 - (I.O.) 18-6N-11E

X624103 WDFD 4 WELLS NO OP. NAMED

REC 11-14-2017 (MCKEOWN)

PENDING CD - 201703863 1/3/2018 - G57 - (I.O.) 19-6N-11E

X624100 WDFD 4 WELLS NO OP. NAMED

REC 11-14-2017 (MCKEOWN)

SPACING - 624100 12/29/2017 - G57 - (640)(HOR) 19-6N-11E

EST WDFD, OTHERS

POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL

SPACING - 624103 12/29/2017 - G57 - (640)(HOR) 18-6N-11E

EST WDFD, OTHERS

POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL

Dennis, Your e-mail got me thinking about several other wells that we postponed drilling on but never Spud:

FIELD	PAD_NAME	WELLS	COUNTY	PERMIT APPROVED	DATE PERMIT EXPIRES (AFTER 6 MNTHS)	API#	SPUD_DATE
WEST RELAY	DUTTEOS	Doro 2 21/28H	HUGHES	6/26/2016	2/20/2019	3505324845	9/8/2018
WESTRELAY	Dora Cast	Dora 5-21/2811	THUSTIES	0/28/2018	2/20/2019	3506324844	9/10/2018
WEST RELAY	CARLA	CARLA 1-11/14H	HUGHES	12/8/2017	6/8/2018	3506324741	Post Poned
WEST RELAY	CARLA	CARLA 2-2/11/14/	HUGHES	12/8/2017	7/3/2018	3506324742	Post Poned
WEST RELAY	CARLA	CARLA 3-2/11/19H	HUGHES	12/8/2017	6/8/2018	3506324743	Post Poned
WEST RELAY	Daisy East	Daisy 3-19/18H	HUGHES	1/3/2018	7/3/2018	3506324748	Post Poned
WEST RELAY	Daisy East	Daisy 4-19/18H	HUGHES	1/3/2018	7/3/2018	3506324749	Post Poned
WEST RELAY	Daisy East	Daisy 5-19/10H	HUGHES	1/3/2018	7/3/2018	3506324751	Post Poned
WEST RELAY	Daisy West	Daisy 1-19/18 H	HUGHES	1/3/2018	7/3/2018	3506324752	Past Poned
WEST RELAY	Daisy West	Daisy 2-19/18H	HUGHES	1/3/2018	7/3/2018	3506324753	Post Poned
WEST RELAY	Debra East	Debra 1-22/15H	HUGHES	2/8/2018	8/8/2018	3506324763	Post Poned
WEST RELAY	Debra East	Vivian 1-27/34H	HUGHES	2/8/2018	8/8/2018	3506324764	Post Poned
WEST RELAY	Debra East	Vivian 2-27/34H	HUGHES	2/8/2018	8/8/2018	3506324765	Post Poned
WEST RELAY	SIERRA	SIERRA 1-11/14H	HUGHES	12/8/2017	7/18/2019	3506324739	Post Poned
WEST RELAY	SIERRA	SIERRA 2-11/14H	HUGHES	12/8/2017	7/18/201	3506324740	Post Paned

# TRINITY Well Location Plat

S.H.L. Sec. 30-6N-11E I.M. B.H.L. Sec. 18-6N-11E I.M.

API: 063 24749

Operator: TRINITY OPERATING

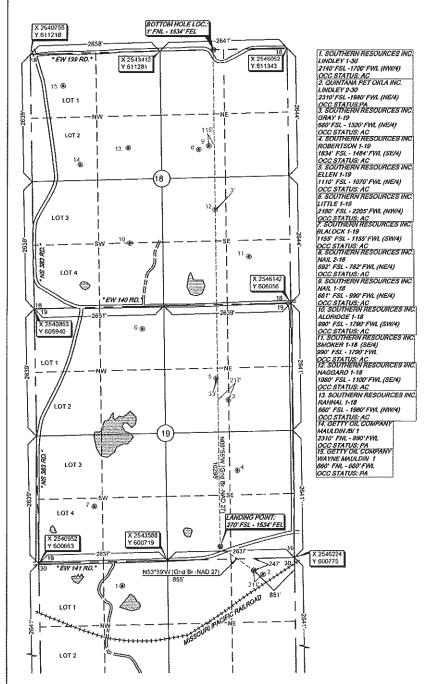
Lease Name and No.: DAISY 4-19/18H

Footage: 247' FNL - 851' FEL GR. ELEVATION: 708' Good Site? YES

Range: 11E Section: 30 Township: 6N I.M.

County: Hughes State of Oklahoma

Terrain at Loc.: Location fell in mostly flat open pasture.



1"=1500 **GPS DATUM** NAD 27 OK SOUTH ZONE

> Surface Hole Loc.: Lat: 34°58'11.83"N Lon: 96°10'46.49"W X: 2545377 Y: 600510

Landing Point: Lat: 34°58'16.93"N Lon: 96°10'54.69"W X: 2544686 Y: 601012

Bottom Hole Loc.: Lat: 34°59'58.76"N Lon: 96°10'54.47"W X: 2544519 Y: 611306

NOTE: X and Y data show on-the-ground, and further, n hereon for Section Comers may NOT have , does NOT represent a true Boundary Survey and may s supervision of a Excensed Professional Land Surveyor, Arkema Surveying and Mapping premptly if any incensis

survey and plat by,

Arkoma Surveying and Mapping, PLLC P.O. Box 238 Wilburton, OK 74578 Ph. 918-465-5711 Fax 918-465-5030 Cerlificate of Authorization No. 5348 Expires June 30, 2018

Invoice #7089-A

Date Staked : 06/07/17 Date Drawn : 06/16/17 By: H.S. By : K.B.

# Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

LANCE G. MATHIS

06/20/17 **OK LPLS 1664** 

