

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

API NUMBER: 039 22546

Approval Date: 07/24/2018

Expiration Date: 01/24/2019

Straight Hole

Disposal

PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 15N Rge: 14W

County: CUSTER

SPOT LOCATION:

NW

NE

SW

SE

FEET FROM QUARTER: FROM

SOUTH

FROM

WEST

SECTION LINES:

1127

872

Lease Name: THOMAS EAST SWD

Well No: 1

Well will be 872 feet from nearest unit or lease boundary.

Operator Name: VISTA DISPOSAL SOLUTIONS LLC

Telephone: 5124976496

OTC/OCC Number: 24198 0

VISTA DISPOSAL SOLUTIONS LLC
12444 NW 10TH ST BLDG G STE 202-512
YUKON, OK 73009-5946

SWEENEY B. LUCILLE LIFE ESTATE
P.O. BOX 723
THOMAS OK 73669

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

	Name	Depth	Name	Depth
1	WOLFCAMPIAN	3600	6	
2	VIRGILIAN	5000	7	
3	MISSOURIAN	5900	8	
4	DES MO'SIAN	9000	9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 10000

Ground Elevation: 1689

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 290

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: 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: 1B

Liner required for Category: 1B

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

H. MIN. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

Notes:

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.

Category	Description
HYDRAULIC FRACTURING	<p>7/12/2018 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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; AND,</p> <p>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</p>
INTERMEDIATE CASING	7/12/2018 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES
SPACING	7/12/2018 - G71 - N/A - DISPOSAL WELL
SURFACE CASING	7/12/2018 - G71 - MIN. 500' PER ORDER 42589

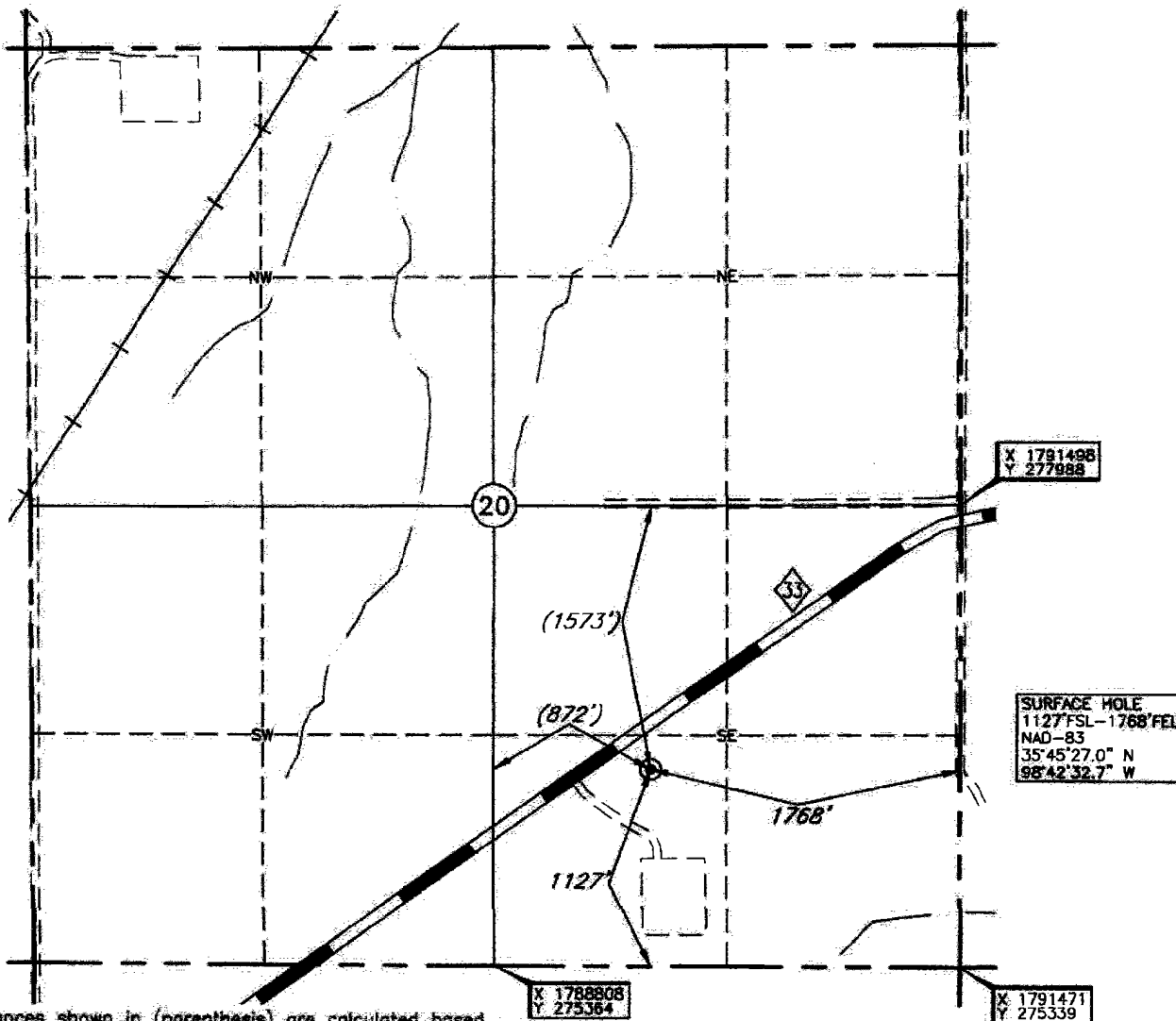
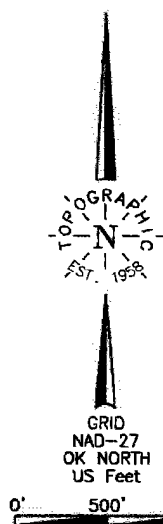
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 * OUT OF STATE (800) 854-3219
Certificate of Authorization No. 1293 LS

API:039 22546

CUSTER

County, Oklahoma

1127'FSL - 1768'FEL Section 20 Township 15N Range 14W I.M.

NOTE:
The information shown herein is for
construction purposes **ONLY**

Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, those shown in [brackets] are based on GLO (General Land Office) distances and have **NOT** been measured on the ground.

ELEVATION:

1689' Gr. at Stake NAVD88
1688' Gr. at Stake NGVD29

Operator: VISTA DISPOSAL SOLUTIONS LLCLease Name: THOMAS EAST SWDWell No.: #1Topography & Vegetation: Loc. fell in sloping pastureGood Drill Site? YesReference Stakes or Alternate Location
Stakes Set NoneBest Accessibility to Location: From East of St. Hwy. 33

Distance & Direction

from Hwy Jct or Town From Jct. St. Hwy. 33 E-W and St. Hwy. 54 South at Thomas, OK, go ±1.0 mi. East
to the East Line of Sec. 20-T15N-R14W

DATUM: NAD-27LAT: 35°45'26.8\"NLONG: 98°42'31.4\"WLAT: 35.757439433\" NLONG: 98.708722244\" W

STATE PLANE

COORDINATES: (US Feet)

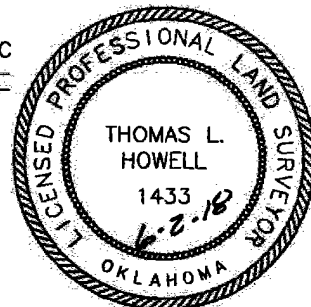
ZONE: OK NORTHX: 1789715Y: 276482Invoice # 295437Date of Drawing: Jun. 02, 2018Date Staked: Jun. 01, 2018

AC

CERTIFICATE:

I, Thomas L. Howell on Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Thomas L. Howell
Oklahoma Lic. No. 1433



This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy