

API NUMBER: 093 25230 A

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

Approval Date: 05/20/2022

Expiration Date: 11/20/2023

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 29 Township: 20N Range: 15W County: MAJOR

SPOT LOCATION: FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 220 660

Lease Name: STEWART Well No: 29-1H Well will be 220 feet from nearest unit or lease boundary.

Operator Name: COMANCHE EXPLORATION CO LLC Telephone: 4057555900 OTC/OCC Number: 20631 0

COMANCHE EXPLORATION CO LLC
6520 N WESTERN AVE STE 300
OKLAHOMA CITY, OK 73116-7334

THE THELMA WOODRING TRUST, BENEFIT OF KITTY STEWART,
MICHELL STEWART, TTEE
P.O. BOX 349
FAIRVIEW OK 73737

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	8500

Spacing Orders: 610999

Location Exception Orders: 711308
713308
719191

Increased Density Orders: 713309
698252
719192

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 13981

Ground Elevation: 1728

Surface Casing: 800

Depth to base of Treatable Water-Bearing FM: 440

Deep surface casing has been approved

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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 19-36624

H. (Other)

SEE MEMO

PIT 1 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: AP/TE DEPOSIT

Pit Location Formation: TERRACE

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: AP/TE DEPOSIT

Pit Location Formation: TERRACE

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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.

HORIZONTAL HOLE 1

Section: 29	Township: 20N	Range: 15W	Meridian: IM	Total Length: 4622
	County: MAJOR			Measured Total Depth: 13981
Spot Location of End Point: S2	S2	SW	SW	True Vertical Depth: 9378
Feet From: SOUTH		1/4 Section Line: 135		End Point Location from
Feet From: EAST		1/4 Section Line: 660		Lease, Unit, or Property Line: 135

NOTES:

Category	Description
DEEP SURFACE CASING	[4/20/2022 - GC2] - 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	[4/20/2022 - GC2] - OCC 165:10-3-10 REQUIRES: 1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN; 2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML ; AND, 3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG
INCREASED DENSITY - 698252	[5/20/2022 - GC2] - 29-20N-15W X610999 MSSP 2 WELLS COMANCHE EXPLORATION COMPANY, LLC 6/24/2019
INCREASED DENSITY - 713309	[5/20/2022 - GC2] - EXT OF TIME FOR ORDER 698252 UNTIL 6/24/2021
INCREASED DENSITY - 719192	[5/20/2022 - GC2] - EXT OF TIME FOR ORDER 698252/713309 UNTIL 6/24/2022
INTERMEDIATE CASING	[4/20/2022 - GC2] - 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
LOCATION EXCEPTION - 700132	[5/20/2022 - GC2] - (I.O.) 29-20N-15W X610999 MSSP, OTHER X165:10-3-28 MSSP MAY BE CLOSED THAN 600' TO ALTIC 29-20-1H AND GARD 1-28 COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 560' FWL COMANCHE EXPLORATION COMPANY, LLC 8/1/2019
LOCATION EXCEPTION - 713308	[5/20/2022 - GC2] - EXT OF TIME FOR ORDER 700132 UNTIL 8/1/2021
LOCATION EXCEPTION - 719191	[5/20/2022 - GC2] - EXT OF TIME FOR ORDER 700132/713308 UNTIL 8/1/2022
MEMO	[4/20/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 610999	[5/20/2022 - GC2] - (640)(HOR) 29-20N-15W EST MSSP, OTHERS COMPL. INT. NCT 660' FUB (COEXIST EXISTING NON-HORIZONTAL SPACING UNITS; SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS)

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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.

093 25230 STEWART 29-1H

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

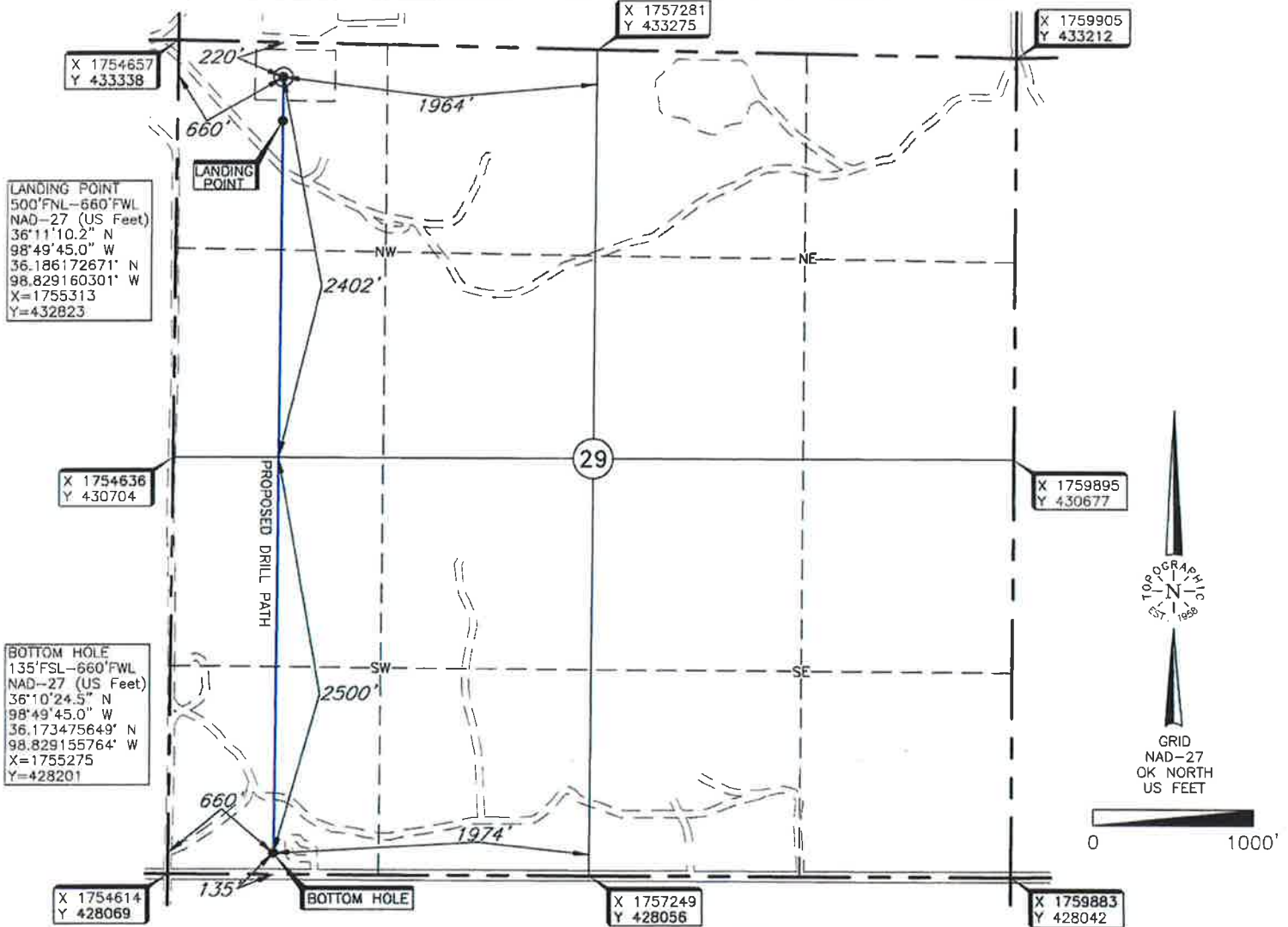
13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1293 LS

MAJOR

County, Oklahoma

220'FNL - 660'FWL Section 29 Township 20N Range 15W I.M.



BOTTOM HOLE, LANDING POINT, AND DRILL PATH INFORMATION
PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

NOTE:

The information shown herein is for
construction purposes ONLY.

Operator: COMANCHE EXPLORATION CO., LLC

Lease Name: STEWART

Well No.: 29-1H

ELEVATION:

1728' Gr. at Stake

Topography & Vegetation Loc. fell in sandy pasture with rough thick brush and trees

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From North off county road

Distance & Direction

from Hwy Jct or Town From Jct. US Hwy. 281 N-S and US Hwy. 60 E-W, East of Chester,

OK, go ±2.0 mi. South on US Hwy. 60, then ±5.0 mi. East to the NW Cor. of Sec. 29-T20N-R15W

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

DATUM: NAD-27
LAT: 36°11'13.0"N
LONG: 98°49'45.0"W
LAT: 36.186941757° N
LONG: 98.829160896° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1755315
Y: 433103

Invoice # 299975 Date of Drawing: Aug. 01, 2018 AC
Date Staked: Jul. 31, 2018

CERTIFICATE:

I, Thomas L. Howell an 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

