

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

API NUMBER: 093 25265

Approval Date: 01/21/2022
Expiration Date: 07/21/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 35 Township: 20N Range: 15W County: MAJOR

SPOT LOCATION: NW NE NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 215 580

Lease Name: DERRICK Well No: 35-1H Well will be 215 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

DERRICK AND MICHELLE MCBRIDE
227982 E. CR 48
MOORELAND OK 73852-9124

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

Name	Code	Depth
1 MISSISSIPPI LIME	351MSSLM	9125

Spacing Orders: 643721 Location Exception Orders: 715402 Increased Density Orders: 722490
715401 721136
715059

Pending CD Numbers: **No Pending** Working interest owners' notified: *** Special Orders: **No Special**
Total Depth: 13390 Ground Elevation: 1674 **Surface Casing: 800** Depth to base of Treatable Water-Bearing FM: 330

Deep surface casing has been approved

Approved Method for disposal of Drilling Fluids:
D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 22-38062
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.

MULTI UNIT HOLE 1					
Section: 35	Township: 20N	Range: 15W	Meridian: IM	Total Length: 3995	
	County: MAJOR			Measured Total Depth: 13390	
Spot Location of End Point: NW	SE	SE	SE	True Vertical Depth: 9284	
Feet From: SOUTH		1/4 Section Line: 605		End Point Location from	
Feet From: EAST		1/4 Section Line: 586		Lease, Unit, or Property Line: 586	

NOTES:	
Category	Description
DEEP SURFACE CASING	[1/19/2022 - 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	[1/19/2022 - 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 6000NH shall be used and is found at this link: OCCWEB.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 - 722490	[1/21/2022 - GC2] - N2 & N2S2 35-20N-15W X643721 MSSLM 1 WELL NO OP NAME 12/30/2021
INTERMEDIATE CASING	[1/19/2022 - 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 - 715402 (202001085)	[1/21/2022 - GC2] - (I.O.) N2 & N2 S2 AND S2 S2 35-20N-15W X643721 MSSLM, OTHERS N2 & N2 S2 35-20N-15W X715059 MSSLM, OTHERS S2 S2 35-20N-15W X165:10-3-28(C)(2)(B) MSSLM MAY BE CLOSER THAN 600' TO LEO DEAN 25-1H, LEO DEAN 25-2H. CAMPBELL 2015 4-26H COMPL. INT. (S2 S2 35-20N-15W) NCT 165' FSL, NCT 0, NCT 560' FEL COMPL. INT. (N2 & N2 S2 35-20N-15W) NCT 0' FSL, NCT 165' FNL, NCT 560' FEL COMANCHE EXPLORATION COMPANY, LLC 11/19/2020
LOCATION EXCEPTION - 721136	[1/21/2022 - GC2] - EXT OF TIME FOR ORDER 715402 UNTIL 11/19/2022
MEMO	[1/19/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 643721	[1/21/2022 - GC2] - (480)(IRR UNIT)(HOR) N2 & N2 S2 35-20N-15W EST MSSLM, OTHERS COMPL. INT. NCT 660' FUB (COEXIST WITH PRODUCING NON-HORIZONTAL DRILLING AND SPACING UNITS)
SPACING - 715059	[1/21/2022 - GC2] - (160)(IRR UNIT)(HOR) S2 S2 35-20N-15W EST MSSLM, OTHERS COMPL. INT. NCT 660' FUB (COEXIST SP ORDER # 417222/420706 MSSLM, SP ORDER # OTHERS)
SPACING - 715401 (202001084)	[1/21/2022 - GC2] - (I.O.) N2 & N2 S2 AND S2 S2 35-20N-15W EST MULTIUNIT HORIZONTAL WELL X643721 MSSLM, OTHERS N2 & N2 S2 35-20N-15W X715059 MSSLM, OTHERS S2 S2 35-20N-15W 25.5% S2 S2 35-20N-15W 74.5% N2 & N2 S2 35-20N-15W COMANCHE EXPLORATION COMPANY, LLC 11/19/2020

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.

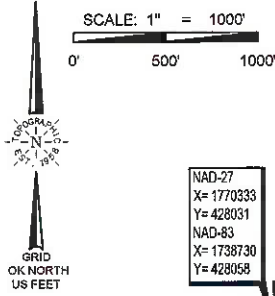
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WELL LOCATION

DERRICK 35-1H
 COMANCHE EXPLORATION COMPANY, LLC
 SECTION 35, TOWNSHIP 20N, RANGE 15W, I.M.
 MAJOR COUNTY, OKLAHOMA

LEGEND

- SECTION LINE
- COUNTY LINE
- TOWNSHIP LINE
- QUARTER SECTION LINE
- 16TH LINE
- PROPOSED WELL BORE



NAD-27
 X= 1770333
 Y= 428031
 NAD-83
 X= 1738730
 Y= 428058

NAD-27
 X= 1772975
 Y= 428017
 NAD-83
 X= 1741372
 Y= 428043

NAD-27
 X= 1775817
 Y= 428003
 NAD-83
 X= 1744014
 Y= 428029

SURFACE LOCATION
 215' FNL & 580' FEL
 NAD-27
 X= 1775036
 Y= 427791
 LAT.: 36°10'22.1"N
 LONG.: 98°45'43.9"W
 LAT.: 36.172797° N
 LONG.: 98.762195° W
 ELEV.: 1674' (NGVD29)
 NAD-83
 X= 1743433
 Y= 427817
 LAT.: 36°10'22.2" N
 LONG.: 98°45'45.2" W
 LAT.: 36.172836° N
 LONG.: 98.762562° W
 ELEV.: 1674' (NAVD88)

SURFACE LOCATION
 215' FNL & 580' FEL

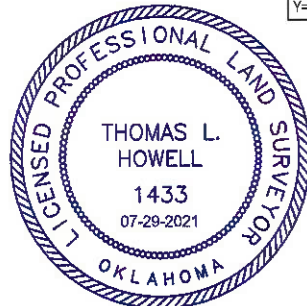
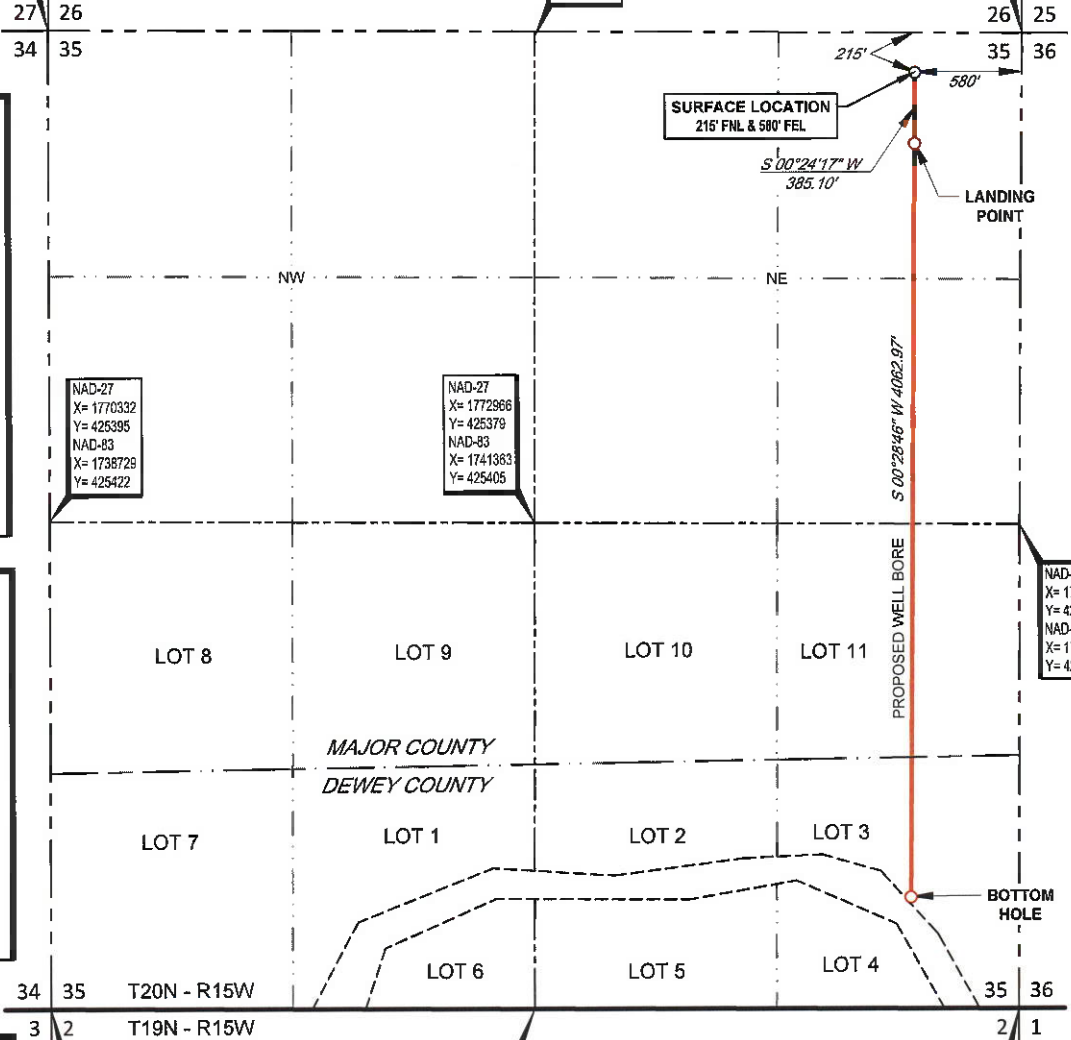
NAD-27
 X= 1770332
 Y= 426395
 NAD-83
 X= 1738729
 Y= 426422

NAD-27
 X= 1772966
 Y= 426379
 NAD-83
 X= 1741363
 Y= 426405

NAD-27
 X= 1775595
 Y= 425362
 NAD-83
 X= 1743992
 Y= 425388

LANDING POINT
 800' FNL & 579' FEL
 NAD-27
 X= 1775033
 Y= 427406
 LAT.: 36°10'18.3"N
 LONG.: 98°45'43.9"W
 LAT.: 36.171739° N
 LONG.: 98.762194° W
 NAD-83
 X= 1743430
 Y= 427432
 LAT.: 36°10'18.4" N
 LONG.: 98°45'45.2" W
 LAT.: 36.171779° N
 LONG.: 98.762561° W

BOTTOM HOLE
 605' FSL & 586' FEL
 NAD-27
 X= 1774999
 Y= 423343
 LAT.: 36°09'38.1"N
 LONG.: 98°45'43.9"W
 LAT.: 36.160578° N
 LONG.: 98.762201° W
 NAD-83
 X= 1743396
 Y= 423369
 LAT.: 36°09'38.2" N
 LONG.: 98°45'45.2" W
 LAT.: 36.160617° N
 LONG.: 98.762568° W



SURVEYOR'S CERTIFICATE:

I, THOMAS L. HOWELL, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC LAND SURVEYORS, DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.

Thomas L. Howell
 Thomas L. Howell, P.L.S. No. 1433

Authorized Agent of Topographic Land Surveyors



LEASE NAME & WELL NO. DERRICK 35-1H
 SECTION 35 TWP 20N RGE 15W MERIDIAN I.M.
 COUNTY MAJOR STATE OKLAHOMA
 DESCRIPTION 215' FNL & 580' FEL

DERRICK 35-1H	REVISION:	
	INT	DATE
DATE: 06/30/2021		
FILE: LO_DERRICK_35-1H		
DRAWN BY: KEU		
SHEET: 1 OF 2		

- NOTES:
1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"
 2. ALL BEARINGS SHOWN HEREON ARE GRID OKLAHOMA COORDINATE SYSTEM OF 1983 NORTH ZONE ACCORDING TO THE RESULT OF STATIC GPS OBSERVATION PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES. OPUS RESULTS ARE CORRELATED TO OKLAHOMA COORDINATE SYSTEM THROUGH NORTH ZONE AND THE NORTH AMERICAN VERTICAL DATUM OF 1988.
 3. OKLAHOMA COORDINATE SYSTEM OF 1927 AND NATIONAL GEOGRAPHIC VERTICAL DATUM OF 1929 INFORMATION CONVERTED FROM OKLAHOMA COORDINATE SYSTEM OF 1983 AND NORTH AMERICAN VERTICAL DATUM OF 1988.
 4. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT/LOCATION, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY COMANCHE EXPLORATION COMPANY, LLC ONLY. UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN ADJOINING THIS EASEMENT/LOCATION, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.
 5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY