

API NUMBER: 017 25091 A

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

Approval Date: 10/01/2020

Expiration Date: 04/01/2022

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 26 Township: 11N Range: 8W County: CANADIAN

SPOT LOCATION: SE SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 250 280

Lease Name: ELDER

Well No: 1H-2623X

Well will be 250 feet from nearest unit or lease boundary.

Operator Name: CIMAREX ENERGY CO

Telephone: 9185851100

OTC/OCC Number: 21194 0

CIMAREX ENERGY CO
202 S CHEYENNE AVE STE 1000
TULSA, OK 74103-3001DIXIE J ELDER REVOCABLE DECLARATION OF TRUST
1001 EMPRESS CIRCLE
YUKON OK 73099

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	10389
2	WOODFORD	319WDFD	11510
3	HUNTON	269HNTN	11650

Spacing Orders: 671019
660367
673257
691080
707273Location Exception Orders: 673258
691081
707274
671513
689344
707276Increased Density Orders: 697785
712387
671878
707275
689343

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 21974

Ground Elevation: 1282

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 370

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: 20-37409

H. (Other)

CLOSED SYSTEM=STEEL PITS PER OPERATOR
REQUEST**PIT 1 INFORMATION**

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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

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: 23	Township: 11N	Range: 8W	Meridian: IM	Total Length: 9802
County: CANADIAN				Measured Total Depth: 21974
Spot Location of End Point: NW	NW	NE	NE	True Vertical Depth: 10580
Feet From: NORTH	1/4 Section Line: 150		End Point Location from	
Feet From: EAST	1/4 Section Line: 1170		Lease, Unit, or Property Line: 150	

NOTES:

Category	Description
DEEP SURFACE CASING	9/24/2020 - 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
EXCEPTION TO RULE - 671513 (201704221)	[9/29/2020 - GC3] - (I.O.) 23 & 26-11N-8W 165:10-3-28(C)(2)(B) MSSP, HNTN (ELDER 1H-2623X) MAY BE CLOSER THAN 600' TO BOLLINGER A NO1, JONES 3-23, JONAS 2-23 NO OP NAMED 12-28-2017
EXCEPTION TO RULE - 689344 (201704221)	[9/30/2020 - GC3] - EXT OF TIME FOR ORDER 671513 UNTIL 12-28-2019
EXCEPTION TO RULE - 707276 (201704221)	[9/30/2020 - GC3] - EXT OF TIME FOR ORDER 707276/697785 UNTIL 6-14-2021
HYDRAULIC FRACTURING	9/24/2020 - GC2 - 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
INCREASED DENSITY - 671878 (201704217)	[9/29/2020 - GC3 - 23-11N-8W X671019 WDFD 7 WELLS NO OP NAMED 1-5-2018
INCREASED DENSITY - 689343 (201704217)	[9/29/2020 - GC3] - EXT OF TIME FOR ORDER 671878 UNTIL 12-28-2019
INCREASED DENSITY - 697785 (201902440)	[9/29/2020 - GC3] 26-11N-8W X660367 WDFD 6 WELLS NO OP NAMED 6-14-2019
INCREASED DENSITY - 707275 (201704217)	[9/29/2020 - GC3] - EXT OF TIME FOR ORDER 689343/671878 UNTIL 12-28-2020
INCREASED DENSITY - 712387 (201902440)	[9/29/2020 - GC3] - EXT OF TIME FOR ORDER 697785 UNTIL 6-14-2021
LOCATION EXCEPTION - 673258 (201704214)	[9/29/2020 - GC3] - (I.O.) 23 & 26-11N-8W X660367 WDFD 26-11N-8W X671019 WDFD 23-11N-8W X671019 MSSP, HNTN 23 & 26-11N-8W COMPL. INT. (26-11N-8W) NCT 0' FNL, NCT 150' FSL, NCT 400' FEL COMPL. INT. (23-11N-8W) NCT 0' FSL, NCT 150' FNL, NCT 400' FEL NO OP NAMED 2-7-2018
LOCATION EXCEPTION - 691081 (201704214)	[9/29/2020 - GC3] - (F.O.) EXT OF TIME FOR ORDER 673258 UNTIL 2-23-2020
LOCATION EXCEPTION - 707274 (201704214)	[9/29/2020 - GC3] - (F.O.) EXT OF TIME FOR ORDER 673258/691081 UNTIL 2-3-2021
SPACING - 660367	9/25/2020 - GC3 - (640)(HOR) 26-11N-8W EST WDFD COMPL. INT. NCT 165' FNL/FSL, NCT 330' FEL/FWL

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.

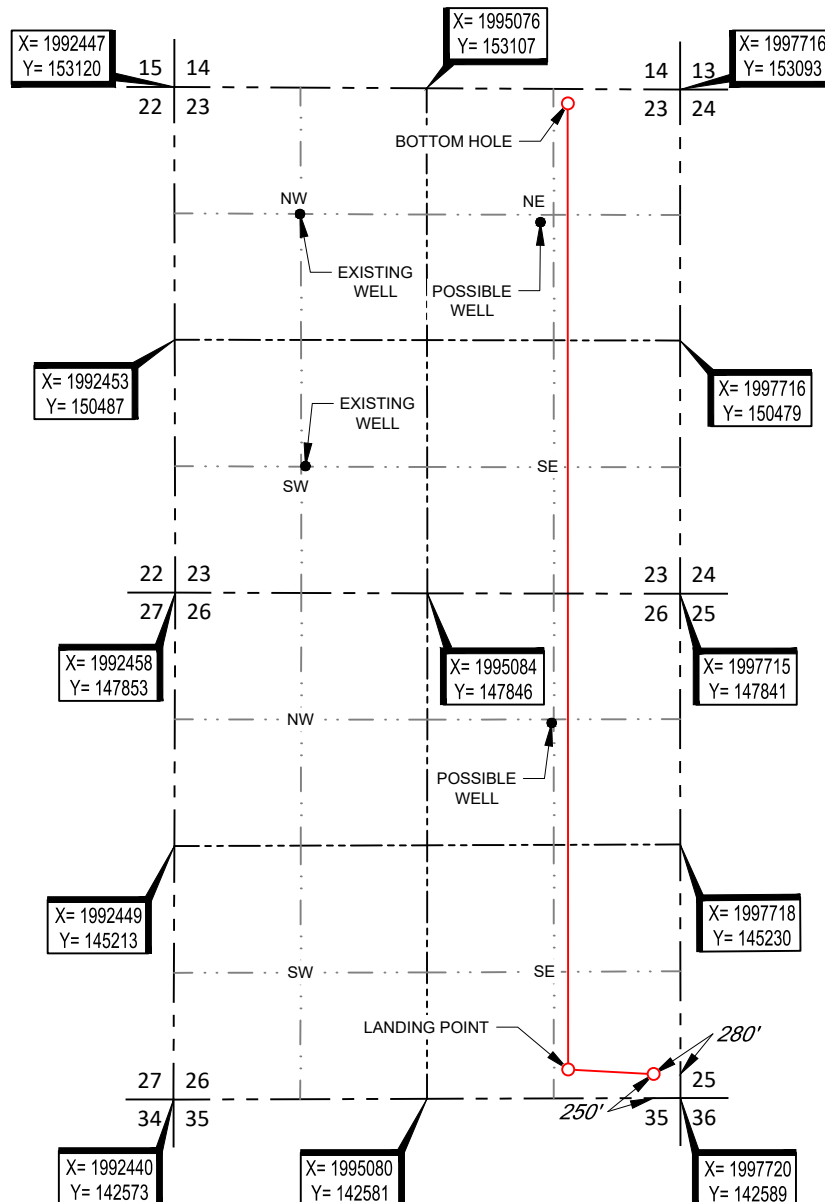
SPACING - 671019	9/25/2020 - GC3 - (640)(HOR) 23 & 26-11N-8W EXT 662553 MSSP 23 & 26-11N-8W EXT 662553 WDFD 23-11N-8W EXT 6661734 HNTN 23 & 26-11N-8W COMPL. INT. (MSSP, HNTN) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL) (COEXIST EXISTING NON-HORIZONTAL SPACING UNITS; SUPERSEDE NON-DEVELOPED NONHORIZONTAL SPACING UNITS)
SPACING - 673257 (201704213)	[9/29/2020 - GC3] - (I.O.) 23 & 26-11N-8W EST MULTIUNIT HORIZONTAL WELL X660367 WDFD 26-11N-8W X671019 WDFD 23-11N-8W X671019 MSSP, HNTN 23 & 26-11N-8W (MSSP & HNTN ASSOCIATED COMMON SOURCE OF SUPPLY TO WDFD) 50% 23-11N-8W 50% 26-11N-8W NO OP NAMED 2-7-2018
SPACING - 691080 (201704213)	[9/29/2020 - GC3] - EXT OF TIME FOR ORDER 673257 UNTIL 2-3-2020
SPACING - 707273 (201704213)	[9/29/2020 - GC3] - EXT OF TIME FOR ORDER 673257/673257 UNTIL 2-3-2021

ELDER 1H-2623X
CIMAREX ENERGY CO.
SECTION 26, TOWNSHIP 11N, RANGE 8W I.M.,
CANADIAN COUNTY, OKLAHOMA

 SECTION LINE
 QUARTER SECTION LINE
 PROPOSED WELL BORE



0' 1000' 2000'



BOTTOM HOLE
150' FNL & 1170' FEL
NAD-27
X= 1996546
Y= 152949
LAT.: 35°25'12.6" N
LONG.: 98°00'41.7" W
LAT.: 35.420175° N
LONG.: 98.011593° W

LANDING POINT
300' FSL & 1170' FEL
NAD-27
X= 1996549
Y= 142885
LAT.: 35°23'33.1" N
LONG.: 98°00'41.7" W
LAT.: 35.392528° N
LONG.: 98.011576° W

SURFACE LOCATION
250' FSL & 280' FEL
NAD-27
X= 1997439
Y= 142838
LAT.: 35°23'32.6" N
LONG.: 98°00'30.9" W
LAT.: 35.392398° N
LONG.: 98.008590° W
ELEV.: 1282' (NGVD29)



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



Tom L. Howell
Tom L. Howell, P.L.S. No. 1433
Authorized Agent of Topographic Land Surveyors



13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134
TELEPHONE: (405) 843-4847 OR (800) 654-3219
CERTIFICATE OF AUTHORIZATION NO. 1292 LS
WWW.TOPOGRAPHIC.COM

LEASE NAME & WELL NO. ELDER 1H-2623X

SECTION 26 TWP 11N RGE 8W MERIDIAN 1.M.
COUNTY CANADIAN STATE OKLAHOMA
DESCRIPTION 250' FSL & 280' FEL

www.TOPOGRAFIC.com

ELDER 1H-2623X	REVISION:	
	INT	DATE
DATE: 08/21/20		
FILE:LO_ELDER_1H-2623X_NAD27		
DRAWN BY: KEU		
SHEET : 1 OF 6		

NOTES:
1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"
2. ALL BEARINGS SHOWN HEREON ARE GRID ACCORDING TO THE RESULTS OF STATIC GPS OBSERVATIONS PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES. OPUS RESULTS ARE CORRELATED TO OKLAHOMA, NORTH ZONE, NAD 27 - HORIZONTAL AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.
3. 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 CIMAREX ENERGY CO. 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.
4. LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR AS SHOWN AND ARE NOT SURVEYED LOCATIONS.
5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY