

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

API NUMBER: 137 27634

Approval Date: 09/27/2021  
Expiration Date: 03/27/2023

Horizontal Hole Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 17 Township: 1S Range: 4W County: STEPHENS

SPOT LOCATION:  SE  NE  NW  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 345 1450

Lease Name: SKEET 17-20 Well No: S4H Well will be 345 feet from nearest unit or lease boundary.  
Operator Name: CHEYENNE PETROLEUM COMPANY Telephone: 4059366220 OTC/OCC Number: 5593 0

CHEYENNE PETROLEUM COMPANY  
14000 QUAIL SPRINGS PKWY STE 2200  
OKLAHOMA CITY, OK 73134-2617

LELAND J AND MYRNA R CHAPMAN  
PO BOX 487  
VELMA OK 73491

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	8410

Spacing Orders: 688891 Location Exception Orders: 720415 Increased Density Orders: 720546

Pending CD Numbers: No Pending Working interest owners' notified: \*\*\* Special Orders: No Special

Total Depth: 19500 Ground Elevation: 987 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 490

Deep surface casing has been approved

Approved Method for disposal of Drilling Fluids:	
D. One time land application -- (REQUIRES PERMIT)	PERMIT NO: 21-37752
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: 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

**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: 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.

**HORIZONTAL HOLE 1**

Section: 20	Township: 1S	Range: 4W	Meridian: IM	Total Length: 10312
	County: STEPHENS			Measured Total Depth: 19500
Spot Location of End Point: SE	SW	SE	SE	True Vertical Depth: 8800
Feet From: <b>SOUTH</b>		1/4 Section Line: 50		End Point Location from
Feet From: <b>EAST</b>		1/4 Section Line: 710		Lease,Unit, or Property Line: 50

**NOTES:**

Category	Description
DEEP SURFACE CASING	[9/21/2021 - 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	[9/21/2021 - 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: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a> ; 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 <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a>
INCREASED DENSITY - 720546	[9/27/2021 - G56] - (I.O.) 17 & 20-1S-4W X688891 MSSP 3 WELLS NO OP NAMED 9/13/2021
LOCATION EXCEPTION - 720415	[9/27/2021 - G56] - (I.O.) 17 & 20-1S-4W X688891 MSSP COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 660' FEL CHEYENNE PETRO CO 9/3/2021
MEMO	[9/21/2021 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - WILDHORSE CREEK), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 688891	[9/27/2021 - G56] - (1280)(HOR) 17 & 20-1S-4W VAC 131123 SCMR, OTHER17-1S-4W VAC 403812 SCMR E2 17-1S-4W EST MSSP, OTHERS POE TO BHL NCT 660' FB
WATERSHED STRUCTURE	[9/21/2021 - GC2] - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580) 255-5798 PRIOR TO DRILLING

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.

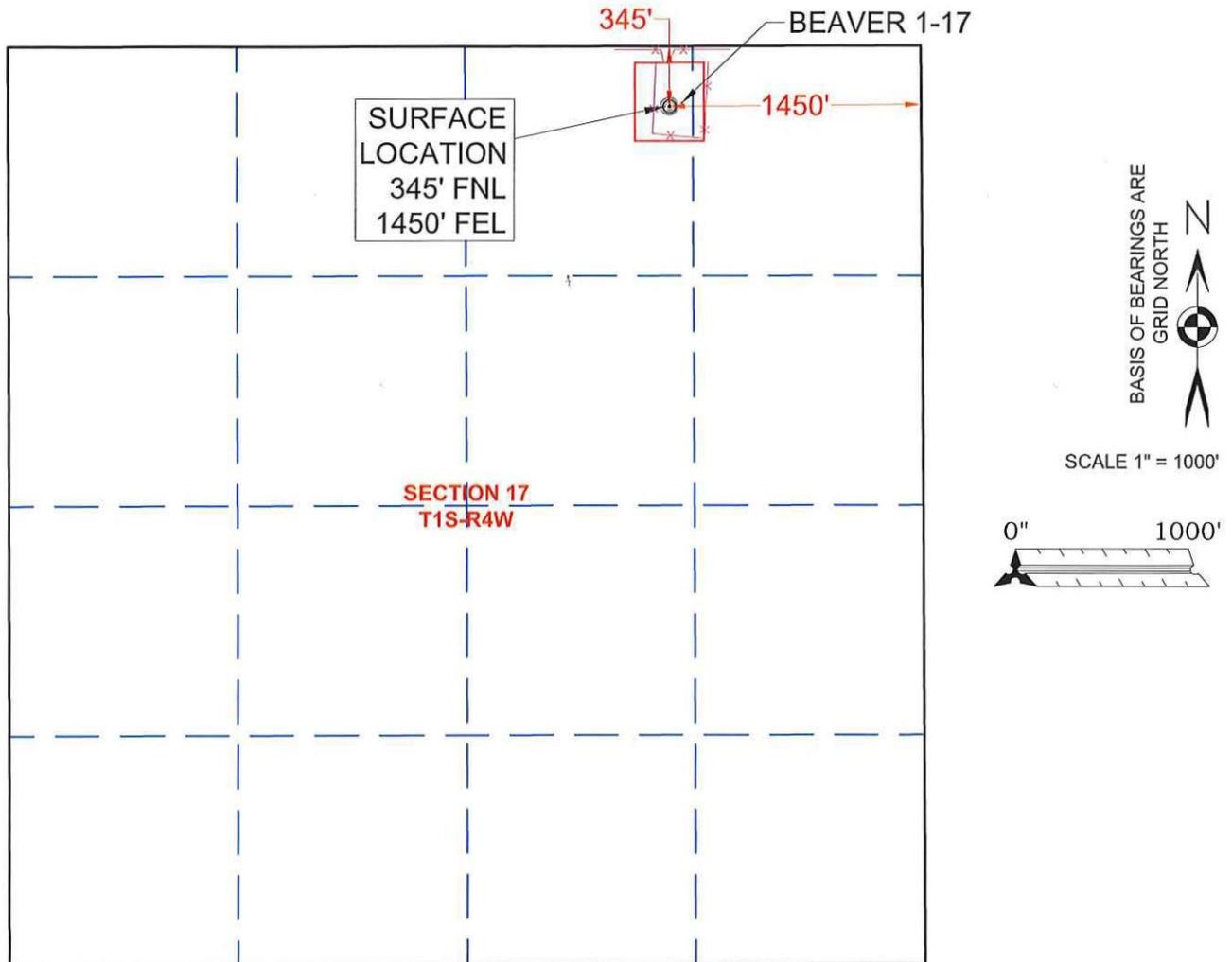
# WELL LOCATION

BMA Land Surveying, P.C.  
 Phone (580) 226-5108  
 1010 Northwest Blvd.  
 Ardmore, OK 73401

Company Name: **CHEYENNE PETROLEUM COMPANY**  
 Lease Name: **SKEET 17-20 S4H**  
 Section 17 Township 1 S Range 4 W , I.B.M., County of Stephens, State of Oklahoma  
 Elevation Good Location?  
 Original Location: 345'FNL - 1450'FEL 987' GROUND YES  
 Topography: OLD PAD - 25' EAST OF SKEET 17-20 S3H - 73' WEST AND 21' SOUTH OF BEAVER 1-17

This location has been staked according to the best official survey records available to us. The metrical data shown hereon is for permitting the well location and the section location may or may not be field verified. Please review this plat and notify us immediately of any discrepancy.

Best Accessibility to Location: From the North  
 Distance & Direction From Nearest Town: 2.4 miles Northeast of Velma  
 From the town of Velma and the intersection of Old State Highway No. 7 and 1st Street (Cherokee Road); Go East 0.6 mile on 1st Street (Cherokee Road); Then go North 1.0 mile on County Road N2990; Then go East 1.0 mile Seminole Road to the Northwest corner of SECTION 17-T1S-R4W, I.B.M., Stephens County, Oklahoma.



## CERTIFICATE:

I, Aaron Morris, a Registered Land Surveyor in the State Of Oklahoma, do hereby certify that the above described Well Location was surveyed and staked on the ground as shown and that said plat meets or exceeds the Oklahoma Minimum Technical Standards for the practice of land surveying as adopted by the Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors.



*(Signature)*  
 8/2/2021

Aaron L. Morris R.P.L.S. No.1477  
 Bennett-Morris & Associates Land Surveying P.C. ~ C.A. No. 5795 (LS)  
 Phone (580) 226-5108  
 Fax (888) 662-7778  
 1010 Northwest Boulevard  
 Ardmore, OK 73401

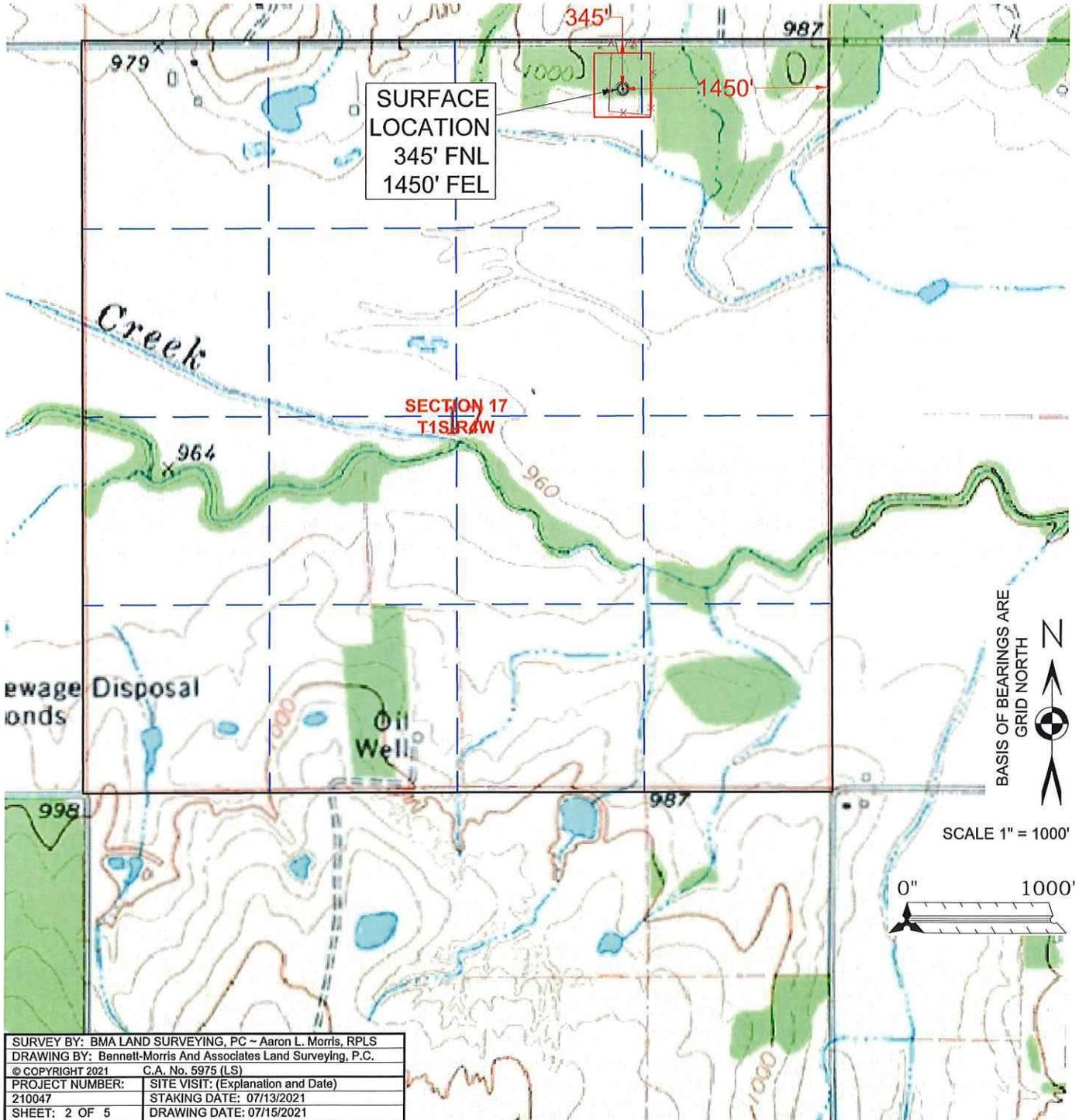
SURVEY BY: BMA LAND SURVEYING, PC ~ Aaron L. Morris, RPLS	
DRAWING BY: Bennett-Morris And Associates Land Surveying, P.C.	
© COPYRIGHT 2021	C.A. No. 5975 (LS)
PROJECT NUMBER:	SITE VISIT: (Explanation and Date)
210047	STAKING DATE: 07/13/2021
SHEET: 1 OF 5	DRAWING DATE: 07/15/2021

# LOCATION AND ELEVATION VERIFICATION MAP

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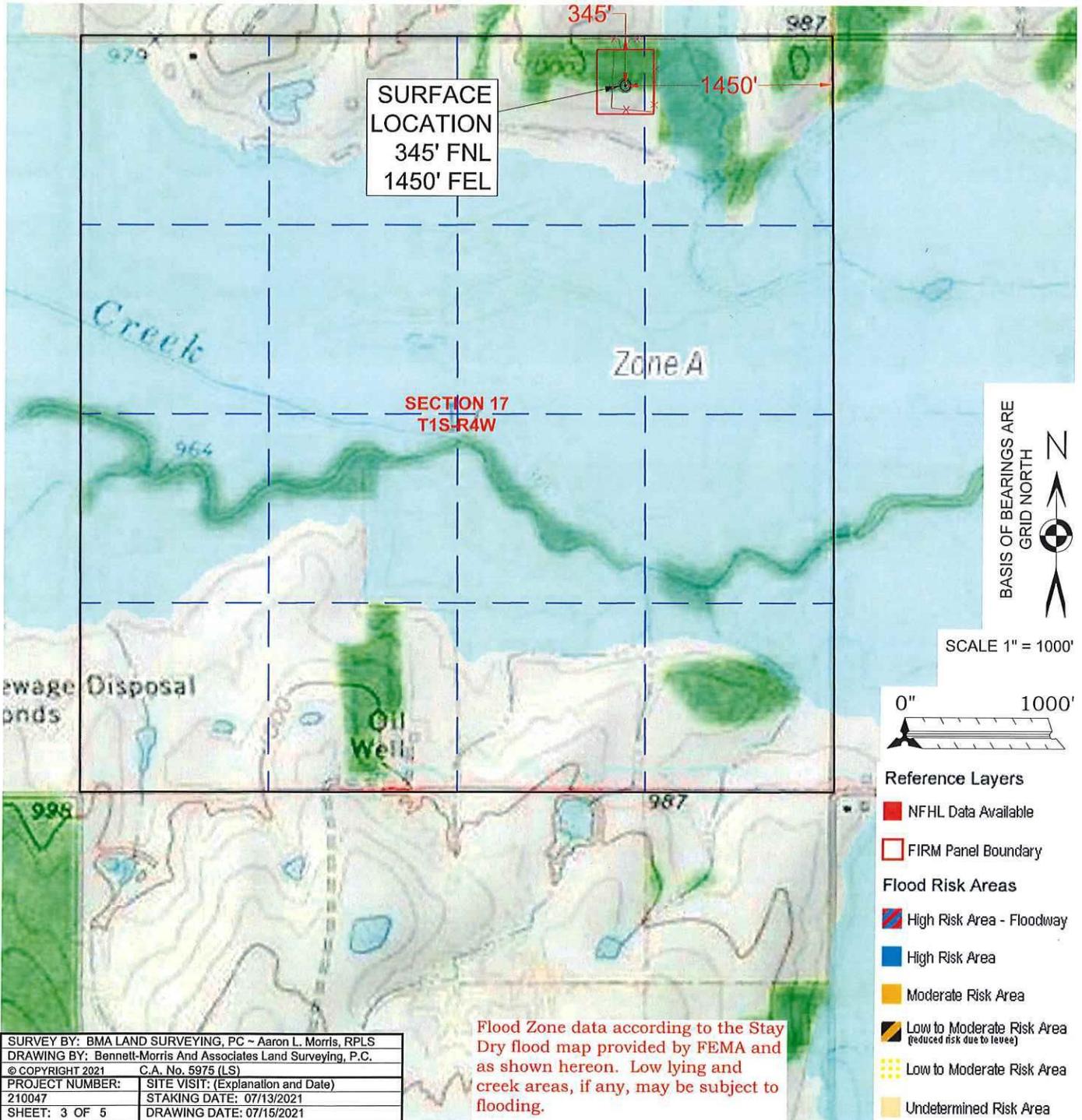
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PROJECT NUMBER: 210047	SITE VISIT: (Explanation and Date)
SHEET: 2 OF 5	STAKING DATE: 07/13/2021
	DRAWING DATE: 07/15/2021

# FLOOD ELEVATION MAP

BMA Land Surveying, P.C.  
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 Ardmore, OK 73401

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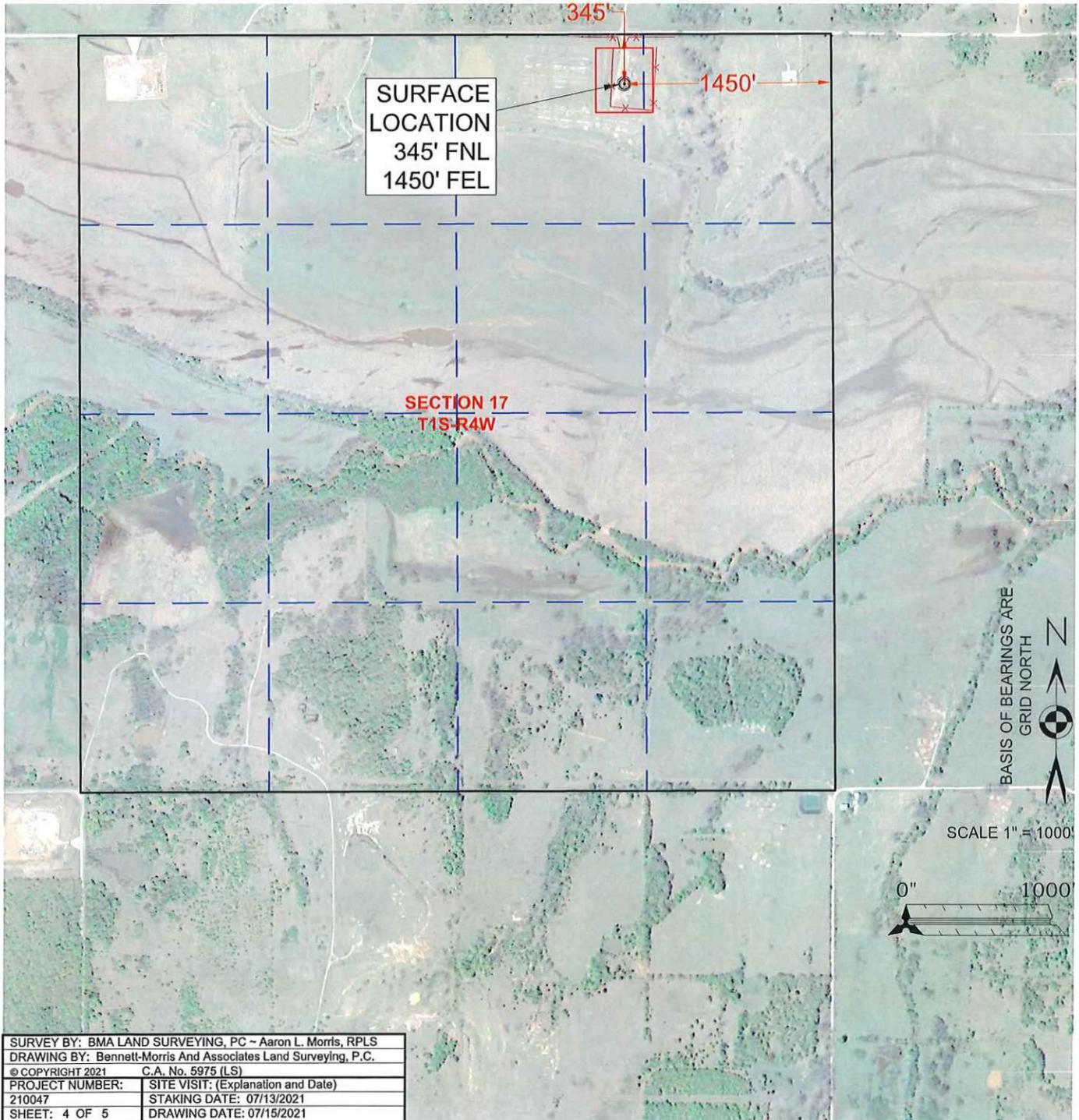
Flood Zone data according to the Stay Dry flood map provided by FEMA and as shown hereon. Low lying and creek areas, if any, may be subject to flooding.

# AERIAL PHOTO

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PROJECT NUMBER:	SITE VISIT: (Explanation and Date)
210047	STAKING DATE: 07/13/2021
SHEET: 4 OF 5	DRAWING DATE: 07/15/2021

# PERMIT PLAT

BMA Land Surveying, P.C.  
 Phone (580) 226-5108  
 1010 Northwest Blvd.  
 Ardmore, OK 73401

Company Name: CHEYENNE PETROLEUM COMPANY

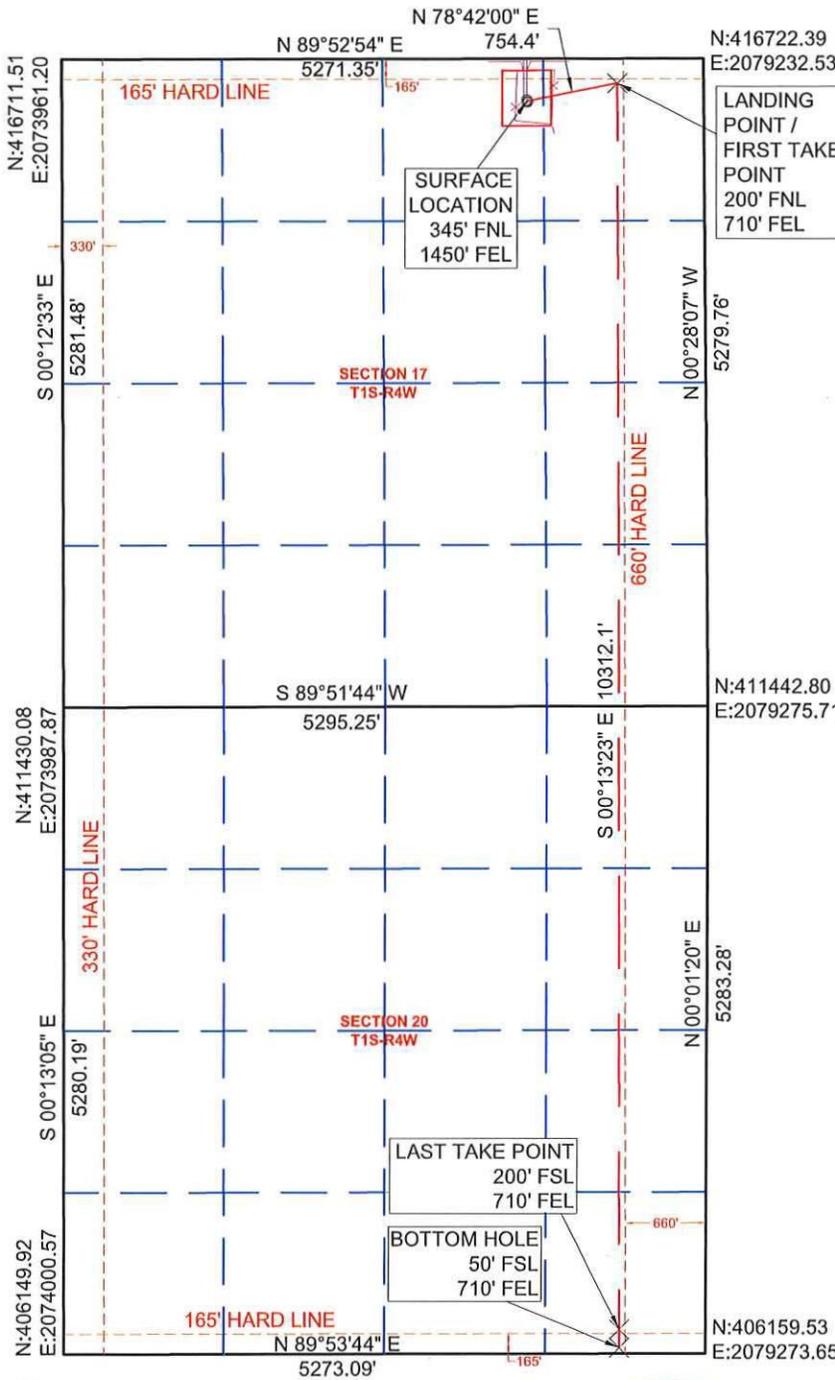
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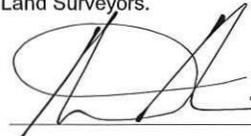
SURFACE LOCATION		LANDING POINT / FIRST TAKE POINT	
DATUM: NAD27		DATUM: NAD27	
LAT: 34° 28' 36.63"N	LONG: 97° 38' 13.48"W	LAT: 34° 28' 38.06"N	LONG: 97° 38' 04.63"W
LAT: 34.476843°N	LONG: 97.637077°W	LAT: 34.477240°N	LONG: 97.634621°W
Y (N): 416330.87	X (E): 2109378.64	Y (N): 416478.05	X (E): 2110118.39
DATUM: NAD83		DATUM: NAD83	
LAT: 34° 28' 36.94"N	LONG: 97° 38' 14.58"W	LAT: 34° 28' 38.37"N	LONG: 97° 38' 05.74"W
LAT: 34.476927°N	LONG: 97.637384°W	LAT: 34.477324°N	LONG: 97.634927°W
Y (N): 416373.1098	X (E): 2077783.56	Y (N): 416520.296	X (E): 2078523.316

LAST TAKE POINT		BOTTOM HOLE	
DATUM: NAD27		DATUM: NAD27	
LAT: 34° 26' 57.53"N	LONG: 97° 38' 04.60"W	LAT: 34° 26' 56.05"N	LONG: 97° 38' 04.60"W
LAT: 34.449315°N	LONG: 97.634611°W	LAT: 34.448903°N	LONG: 97.634611°W
Y (N): 406315.94	X (E): 2110157.95	Y (N): 406165.94	X (E): 2110158.54
DATUM: NAD83		DATUM: NAD83	
LAT: 34° 26' 57.84"N	LONG: 97° 38' 05.71"W	LAT: 34° 26' 56.36"N	LONG: 97° 38' 05.70"W
LAT: 34.449400°N	LONG: 97.634918°W	LAT: 34.448988°N	LONG: 97.634918°W
Y (N): 406358.2301	X (E): 2078562.871	Y (N): 406208.2311	X (E): 2078563.455

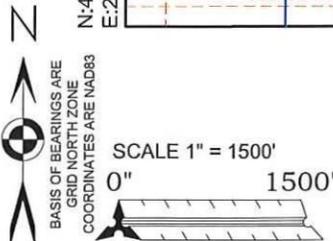
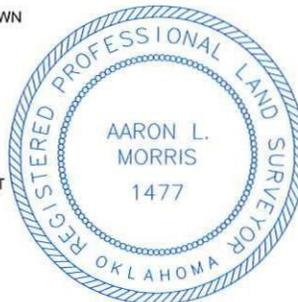
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 8/4/2021

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COORDINATES ARE AS SHOWN ARE DERIVED FROM OPUS SOLUTION.  
 PROJECTION: OKLAHOMA SOUTH ZONE, LAMBERT CONFORMAL  
 HORIZONTAL: NAD83  
 VERTICAL: NAVD88  
 GEOID MODEL: GEOID 99  
 UNITS: US SURVEY FEET

SURVEY BY: BMA LAND SURVEYING, PC - Aaron L. Morris, RPLS	
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SHEET: 5 OF 5	STAKING DATE: 07/13/2021
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