

API NUMBER: 137 27631

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

Approval Date: 08/30/2021
Expiration Date: 02/28/2023

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 1475

Lease Name: SKEET 17-20 Well No: S3H Well will be 165 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	9150

Spacing Orders: 688891

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202101488

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 19765 Ground Elevation: 987

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 490

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: 21-37752
H. (Other) CLOSED SYSTEM=STEEL PITS (REQUIRED - WILDHORSE CREEK)

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

HORIZONTAL HOLE 1

Section: 20 Township: 1S Range: 4W Meridian: IM Total Length: 19765
County: STEPHENS Measured Total Depth: 19765
Spot Location of End Point: S2 S2 SW SE True Vertical Depth: 10558
Feet From: SOUTH 1/4 Section Line: 50 End Point Location from
Feet From: EAST 1/4 Section Line: 1980 Lease, Unit, or Property Line: 50

NOTES:

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.

Category	Description
DEEP SURFACE CASING	[8/25/2021 - 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	<p>[8/25/2021 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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,</p> <p>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</p>
PENDING CD - 202101488	<p>[8/30/2021 - GC2] - (I.O.) 17 & 20-1S-4W X688891 MSSP COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 1320' FEL NO OP. NAMED REC. 8-24-2021 (MYLES)</p>
SPACING - 688891	<p>[8/30/2021 - GC2] - (1280)(HOR) 17 & 20-1S-4W VAC 131123 SCMR 17-1S-4W VAC 403812 SCMR E/2 17-1S-4W VAC OTHER EST MSSP, OTHERS COMPL. INT. NCT 660' FUB</p>

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.

137 27631 SKEET 17-20 S3H

PERMIT PLAT

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

Company Name: CHEYENNE PETROLEUM COMPANY

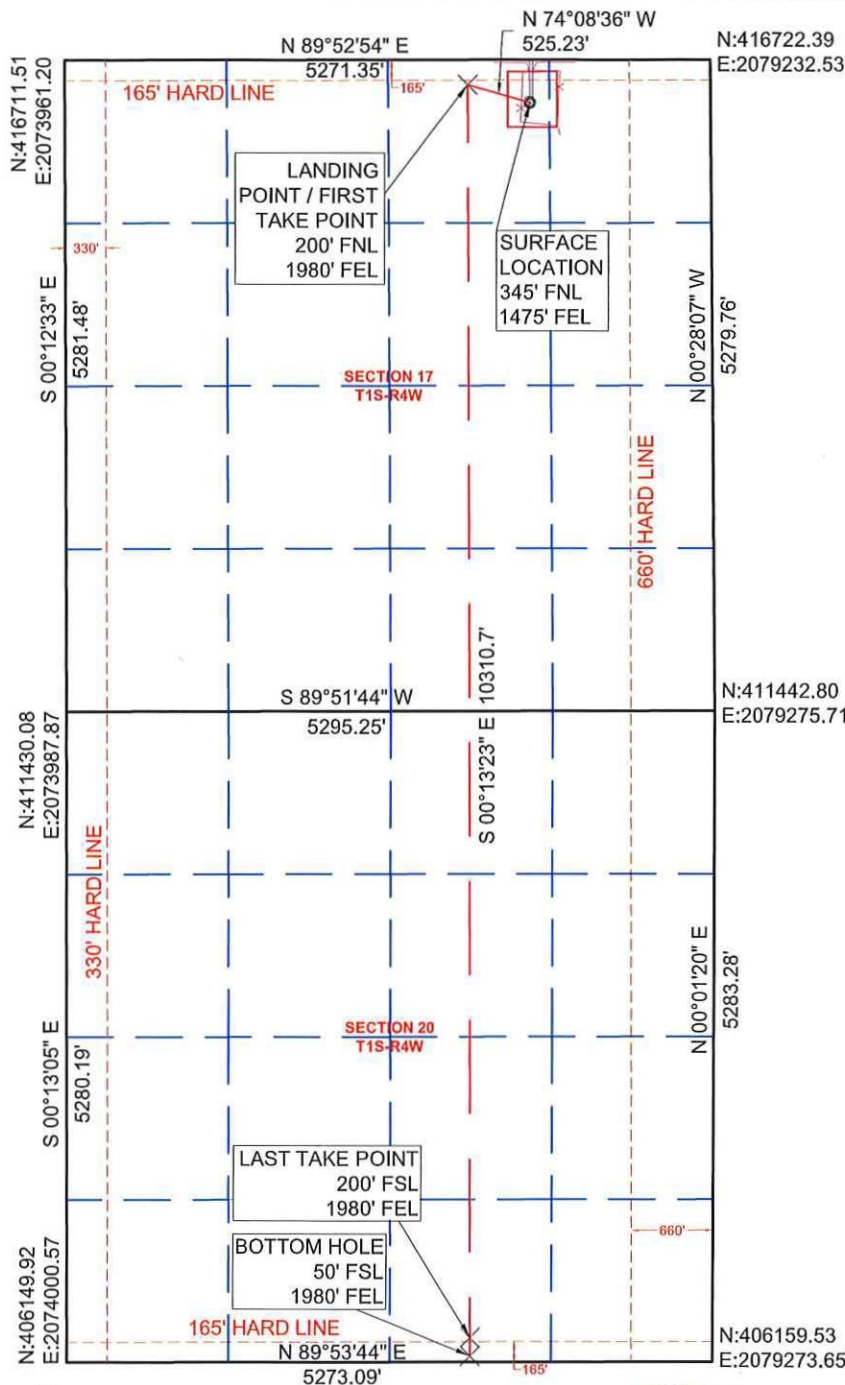
Lease Name: SKEET 17-20 S3H

Section 17 Township 1 S Range 4 W , I.B.M, County of Stephens, State of Oklahoma

Elevation Good Location?

Original Location: 345'FNL - 1475'FEL 987' GROUND YES

Distance & Direction From Nearest Town: 2.4 miles Northeast of Velma



SURFACE LOCATION

DATUM: NAD27

LAT: 34° 28' 36.63"N

LONG: 97° 38' 13.78"W

LAT: 34.476843°N

LONG: 97.637160°W

Y (N): 416330.8

X (E): 2109353.64

DATUM: NAD83

LAT: 34° 28' 36.94"N

LONG: 97° 38' 14.88"W

LAT: 34.476927°N

LONG: 97.637467°W

Y (N): 416373.036

X (E): 2077758.56

LANDING POINT / FIRST TAKE POINT

DATUM: NAD27

LAT: 34° 28' 38.07"N

LONG: 97° 38' 19.80"W

LAT: 34.477242°N

LONG: 97.638835°W

Y (N): 416474.31

X (E): 2108848.4

DATUM: NAD83

LAT: 34° 28' 38.37"N

LONG: 97° 38' 20.91"W

LAT: 34.477326°N

LONG: 97.639141°W

Y (N): 416516.5439

X (E): 2077253.321

LAST TAKE POINT

DATUM: NAD27

LAT: 34° 26' 57.56"N

LONG: 97° 38' 19.77"W

LAT: 34.449321°N

LONG: 97.638824°W

Y (N): 406313.63

X (E): 2108887.95

DATUM: NAD83

LAT: 34° 26' 57.86"N

LONG: 97° 38' 20.87"W

LAT: 34.449406°N

LONG: 97.639131°W

Y (N): 406355.9153

X (E): 2077292.871

BOTTOM HOLE

DATUM: NAD27

LAT: 34° 26' 56.07"N

LONG: 97° 38' 19.77"W

LAT: 34.448909°N

LONG: 97.638824°W

Y (N): 406163.64

X (E): 2108888.54

DATUM: NAD83

LAT: 34° 26' 56.38"N

LONG: 97° 38' 20.87"W

LAT: 34.448994°N

LONG: 97.639131°W

Y (N): 406205.9165

X (E): 2077293.455

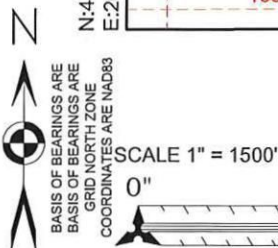
This location has been staked according to the best official survey records available to us. The metrical data shown hereon is for permitting the well location and the section location may or may not be field verified. Please review this plat and notify us immediately of any discrepancy. The metrical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

CERTIFICATE:

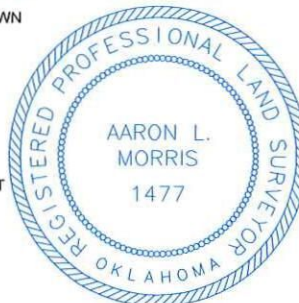
I, Aaron Morris, a Registered Land Surveyor in the State Of Oklahoma, do hereby certify that the above described Well Location was surveyed and staked on the ground as shown and that said plat meets or exceeds the Oklahoma Minimum Technical Standards for the practice of land surveying as adopted by the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

8/4/2021

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



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	
DRAWING BY: Bennett-Morris And Associates Land Surveying, P.C.	
© COPYRIGHT 2021 C.A. No. 5795 (LS)	
PROJECT NUMBER: 210047	SITE VISIT: (Explanation and Date)
STAKING DATE: 07/13/2021	
SHEET: 5 OF 5 DRAWING DATE: 07/15/2021	

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 S3H

Section 17 Township 1 S Range 4 W , I.B.M., County of Stephens, State of Oklahoma

Original Location: 345' FNL - 1475' FEL Elevation 987' Good Location? YES

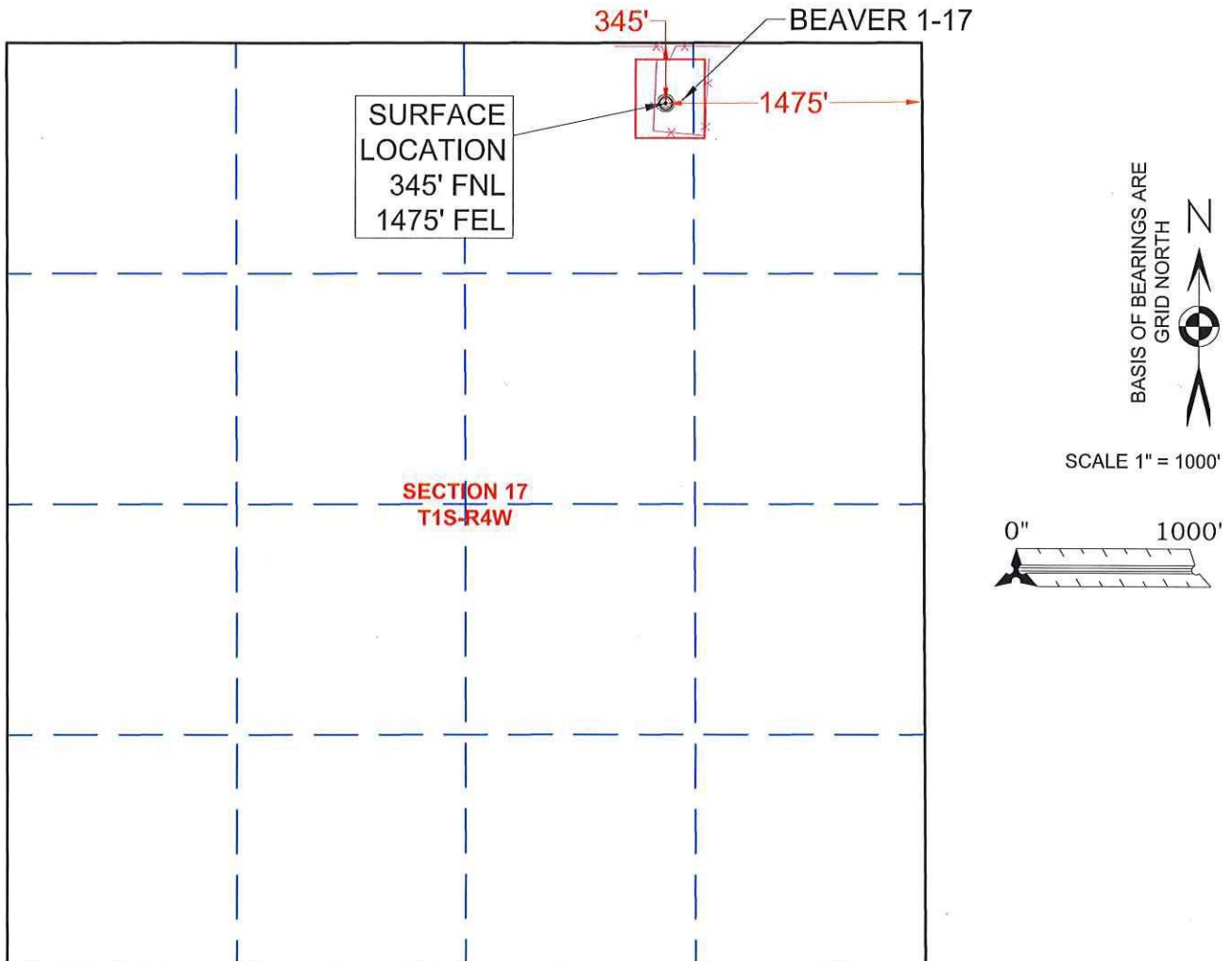
Topography: OLD PAD - 25' WEST OF SKEET 17-20 S4H - 98' WEST AND 21' SOUTH OF BEAVER 1-17.

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.

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: 210047	SITE VISIT: (Explanation and Date)
	STAKING DATE: 07/13/2021
SHEET: 1 OF 5	DRAWING DATE: 07/15/2021



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

LOCATION AND ELEVATION VERIFICATION MAP

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 S3H

Section 17 Township 1 S Range 4 W , I.B.M., County of Stephens, State of Oklahoma
Elevation Good Location?

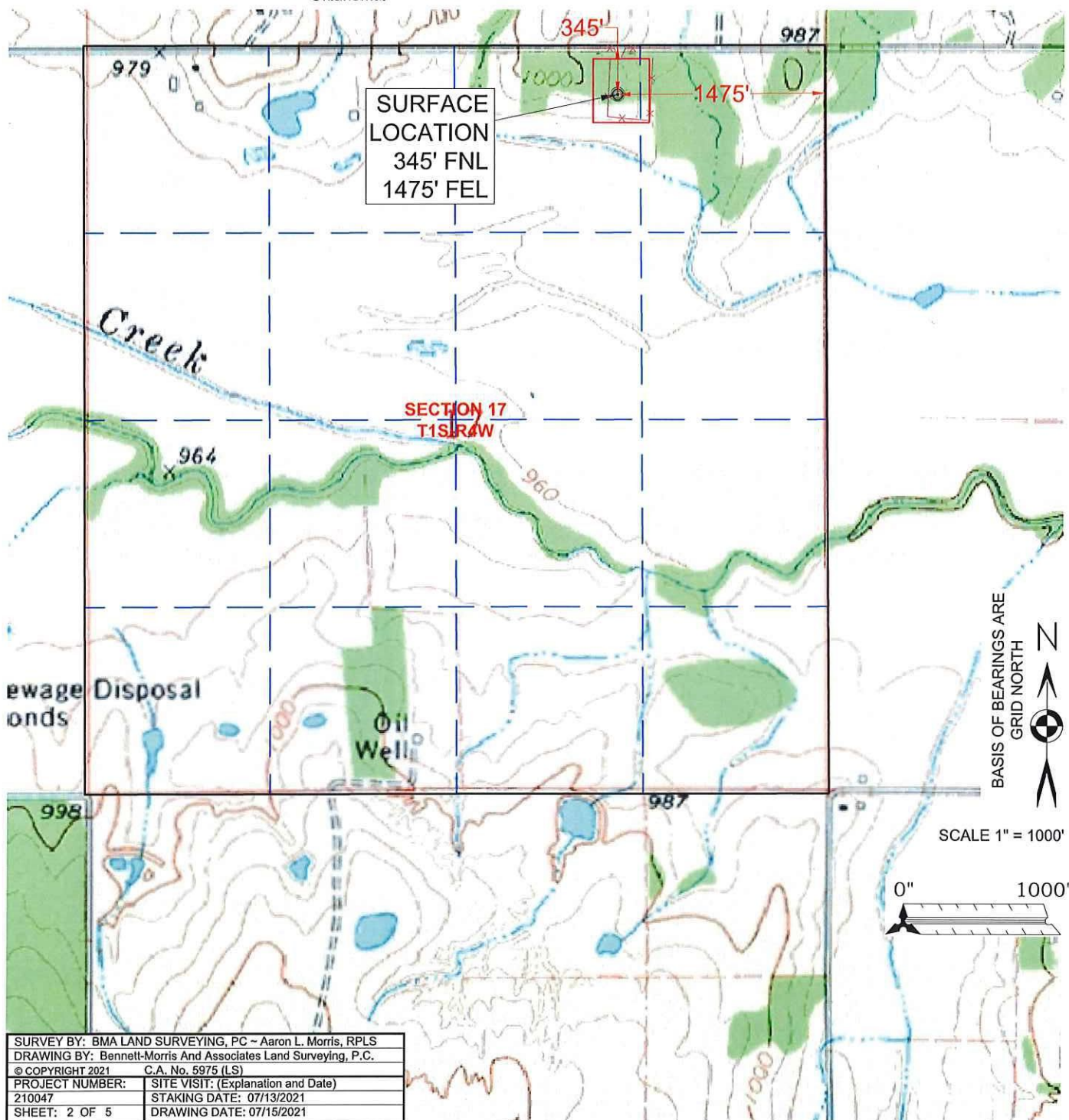
Original Location: 345'FNL - 1475'FEL 987' GROUND YES

Topography: OLD PAD - 25' WEST OF SKEET 17-20 S4H - 98' WEST AND 21' SOUTH OF BEAVER 1-17.

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.



FLOOD ELEVATION MAP

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 S3H

Section 17 Township 1 S Range 4 W , I.B.M., County of Stephens, State of Oklahoma

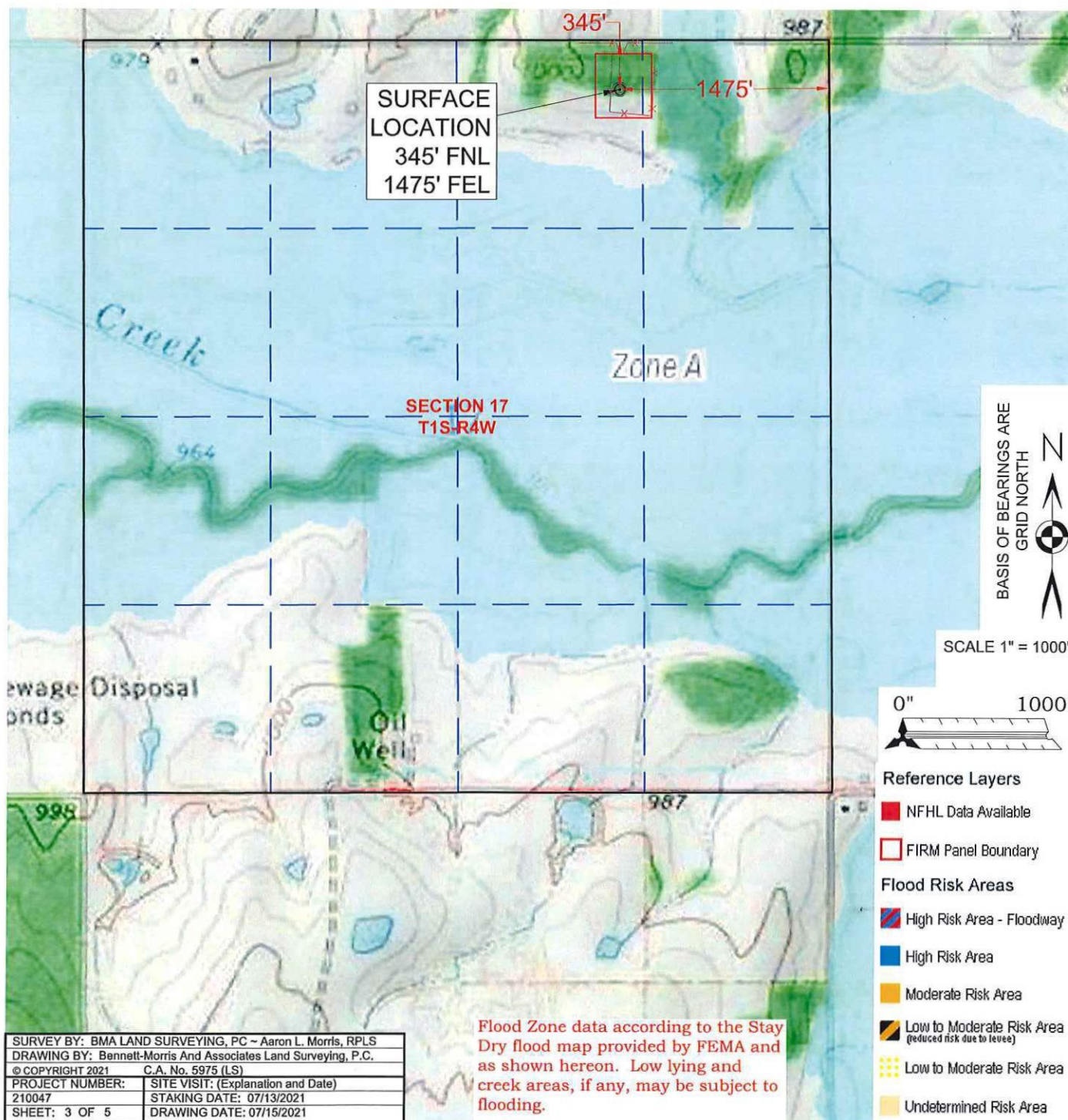
Original Location: 345'FNL - 1475'FEL Elevation 987' Good Location? YES

Topography: OLD PAD - 25' WEST OF SKEET 17-20 S4H - 98' WEST AND 21' SOUTH OF BEAVER 1-17.

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.



AERIAL PHOTO

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 S3H

Section 17 Township 1 S Range 4 W , I.B.M., County of Stephens, State of Oklahoma

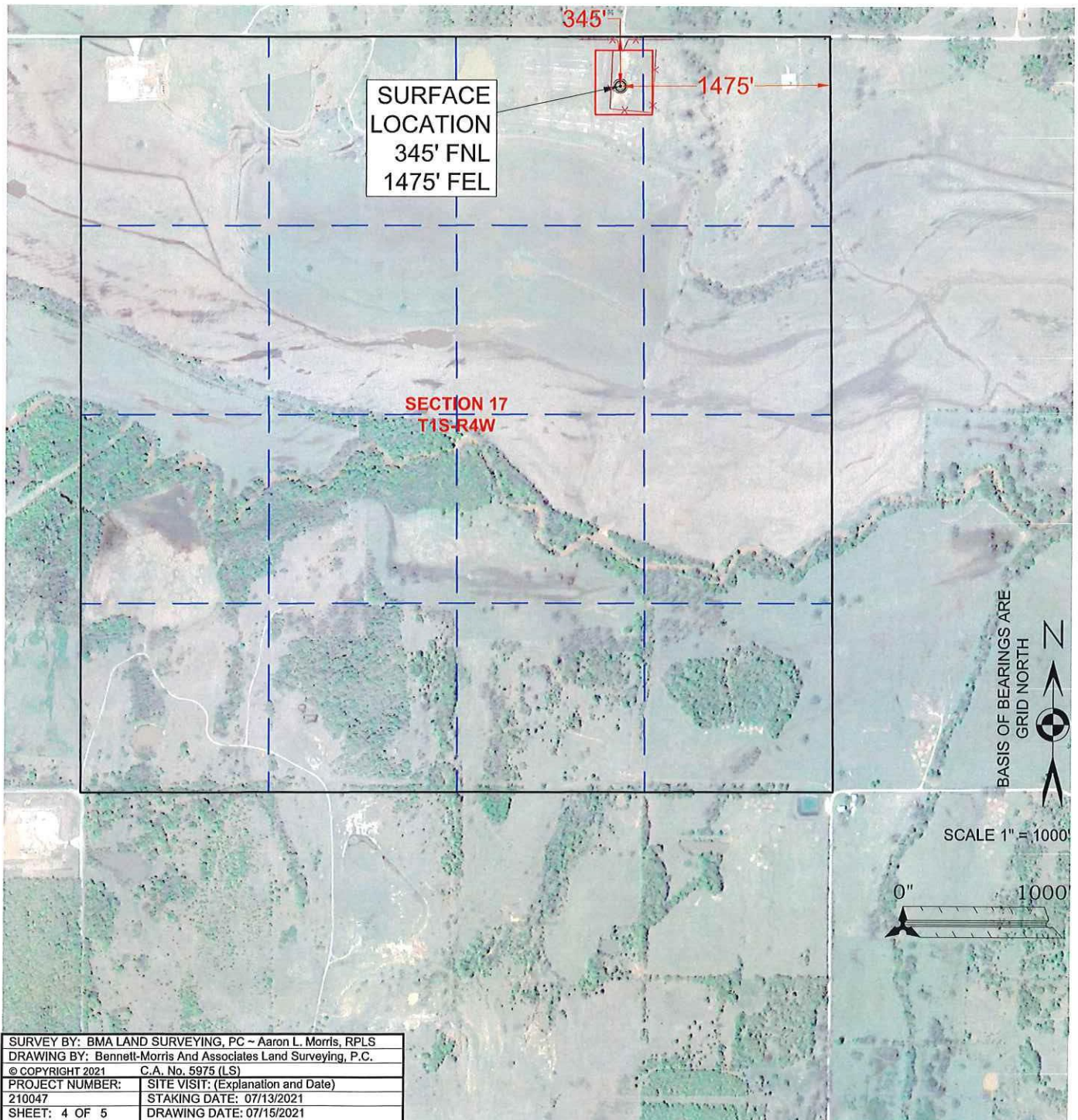
Original Location: 345' FNL - 1475' FEL Elevation 987' Good Location? YES

Topography: OLD PAD - 25' WEST OF SKEET 17-20 S4H - 98' WEST AND 21' SOUTH OF BEAVER 1-17.

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.



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: 4 OF 5	DRAWING DATE: 07/15/2021