

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

API NUMBER: 069 20196

Approval Date: 01/12/2022
Expiration Date: 07/12/2023

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 05 Township: 4S Range: 4E County: JOHNSTON

SPOT LOCATION: SW SW SE SW FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 258 1633

Lease Name: BARNES Well No: 8-4H Well will be 258 feet from nearest unit or lease boundary.
Operator Name: BNK PETROLEUM (US) INC Telephone: 8054843613 OTC/OCC Number: 21948 0

BNK PETROLEUM (US) INC
3623 OLD CONEJO RD #207
NEWBURY PARK, CA 91320-0800

CARL D BARNES
20214 TWO SISTERS ROAD
MADILL OK 73446

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

Name	Code	Depth
1 CANEY	354CNEY	9935

Spacing Orders: 554189 Location Exception Orders: 698966 Increased Density Orders: No Density
719292

Pending CD Numbers: 202102798 Working interest owners' notified: *** Special Orders: No Special

Total Depth: 14600 Ground Elevation: 687 Surface Casing: 300 Depth to base of Treatable Water-Bearing FM: 200

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

Approved Method for disposal of Drilling Fluids:	
D. One time land application -- (REQUIRES PERMIT)	PERMIT NO: 22-38049
H. (Other)	CLOSED SYSTEM=STEEL PITS (REQUIRED - WASHITA RIVER)

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: ALLUVIAL
Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Section: 8 Township: 4S Range: 4E Meridian: IM Total Length: 5079
County: JOHNSTON Measured Total Depth: 14600
Spot Location of End Point: SE SE SE SW True Vertical Depth: 9935
Feet From: SOUTH 1/4 Section Line: 45 End Point Location from
Lease, Unit, or Property Line: 45
Feet From: WEST 1/4 Section Line: 2319

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
HYDRAULIC FRACTURING	<p>[1/12/2022 - 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>
LOCATION EXCEPTION - 698966	<p>[1/12/2022 - G56] - (I.O.) 8-4S-4E X554189 CNEY COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 2285' FWL NO OP NAMED 7/10/2019</p>
LOCATION EXCEPTION - 719292	<p>[1/12/2022 - G56] - EXTENSION OF TIME FOR ORDER # 698966</p>
PENDING CD - 202102798	<p>[1/12/2022 - G56] - (E.O.) 8-4S-4E X554189 CNEY 1 WELL NO OP NAMED HEARING 1/19/2022</p>
SPACING - 554189	<p>[1/12/2022 - G56] - (640) 8-4S-4E EXT 549273 CNEY, OTHERS</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.

WELL LOCATION

M & M Land Surveying, Inc.
 Phone (580) 226-0446
 520 E Street N.W.
 Ardmore, OK 73401

Company Name: **BNK PETROLEUM**

Lease Name: **BARNES #8-4H**

Section 5 Township 4 S Range 4 E, I.B.M., County of Johnston, State of Oklahoma
 Elevation Good Location?
 687' GROUND YES

Original Location: 258'FSL - 1633'FWL

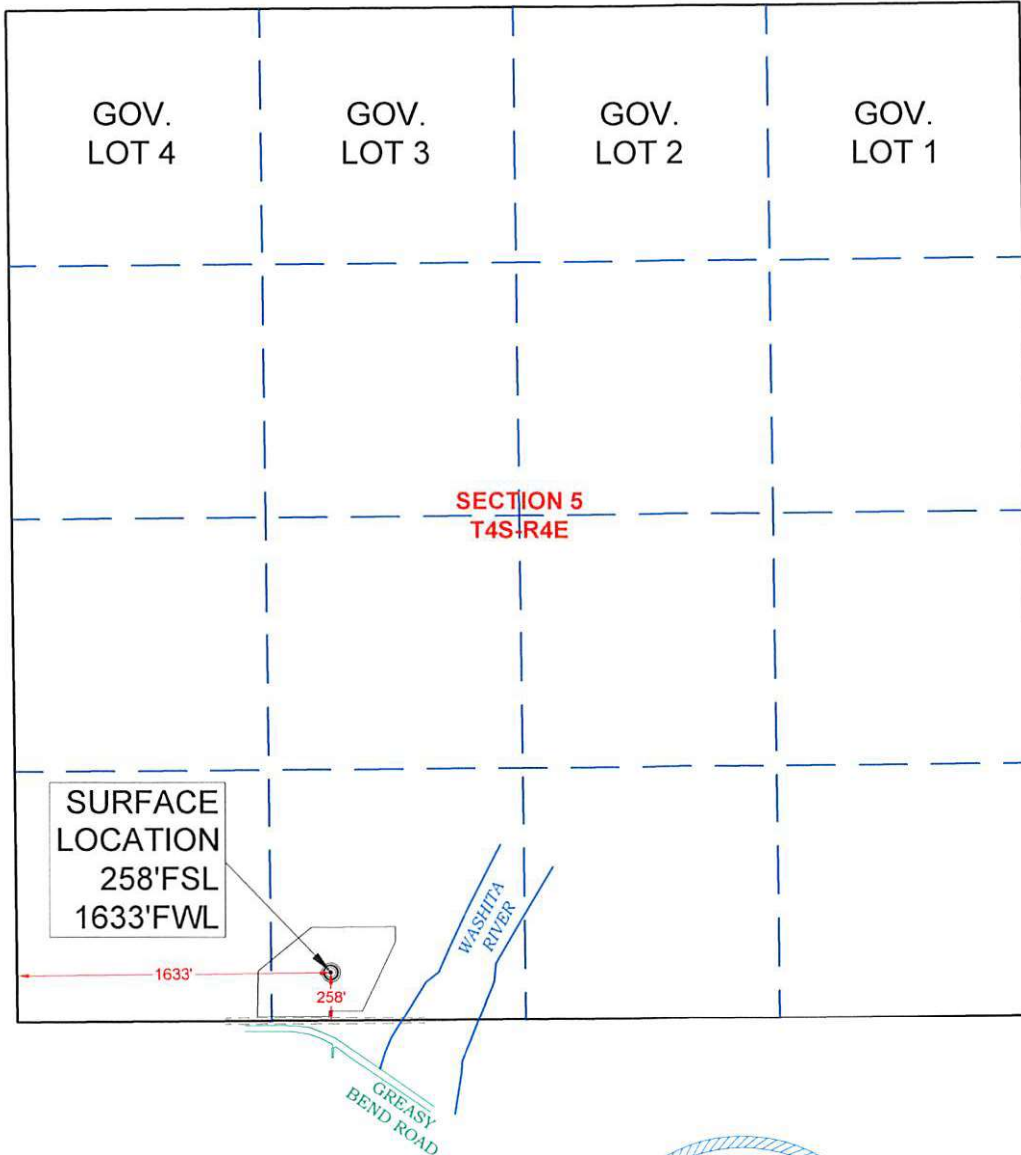
Topography: PASTURE - 60' EAST OF THE BARNES #8-1H, 40' EAST OF THE BARNES #8-2H, 20' EAST OF THE BARNES #8-3H.

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 South off of Greasy Bend Road

Distance & Direction From Nearest Town: 3.6 miles Northwest of Mannsville.

From the intersection of State Highway No. 199 and Union Road in Mannsville, Oklahoma; Go North 2.8 miles on Union Road; Then go West on 0.8 mile Greasy Bend Road to the proposed location in SECTION 5, T4S, R4E, I.B.M., Johnston County, Oklahoma.



NAD 27 OK SOUTH
SURFACE LOCATION
 LAT: 34.231407°N
 LONG: 96.910021°W
 N= 328596.69'
 E= 2329459.16'

NAD 83 OK SOUTH
SURFACE LOCATION
 LAT: 34.231501°N
 LONG: 96.910308°W
 N= 328639.59'
 E= 2297864.59'

SCALE 1" = 1000'
 0' 1000'



SURVEY BY: M & M Land Surveying, Inc. ~ C.A. No. 3093 (LS)	
DRAWING BY: Bennett-Morris And Associates Land Surveying, P.C.	
© COPYRIGHT 2018 C.A. No. 5975 (LS) ~ Aaron L. Morris, RPLS	
PROJECT NUMBER: 18471	SITE VISIT: (Explanation and Date)
SHEET: 1 OF 5	STAKING DATE: 10/10/2018
	DRAWING DATE: 10/16/2018



A.L.M. 10/18/2018
 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

M & M Land Surveying, Inc.
 Phone (580) 226-0446
 520 E Street N.W.
 Ardmore, OK 73401

Company Name: **BNK PETROLEUM**

Lease Name: **BARNES #8-4H**

Section 5 Township 4 S Range 4 E , I.B.M., County of Johnston, State of Oklahoma
 Elevation Good Location?

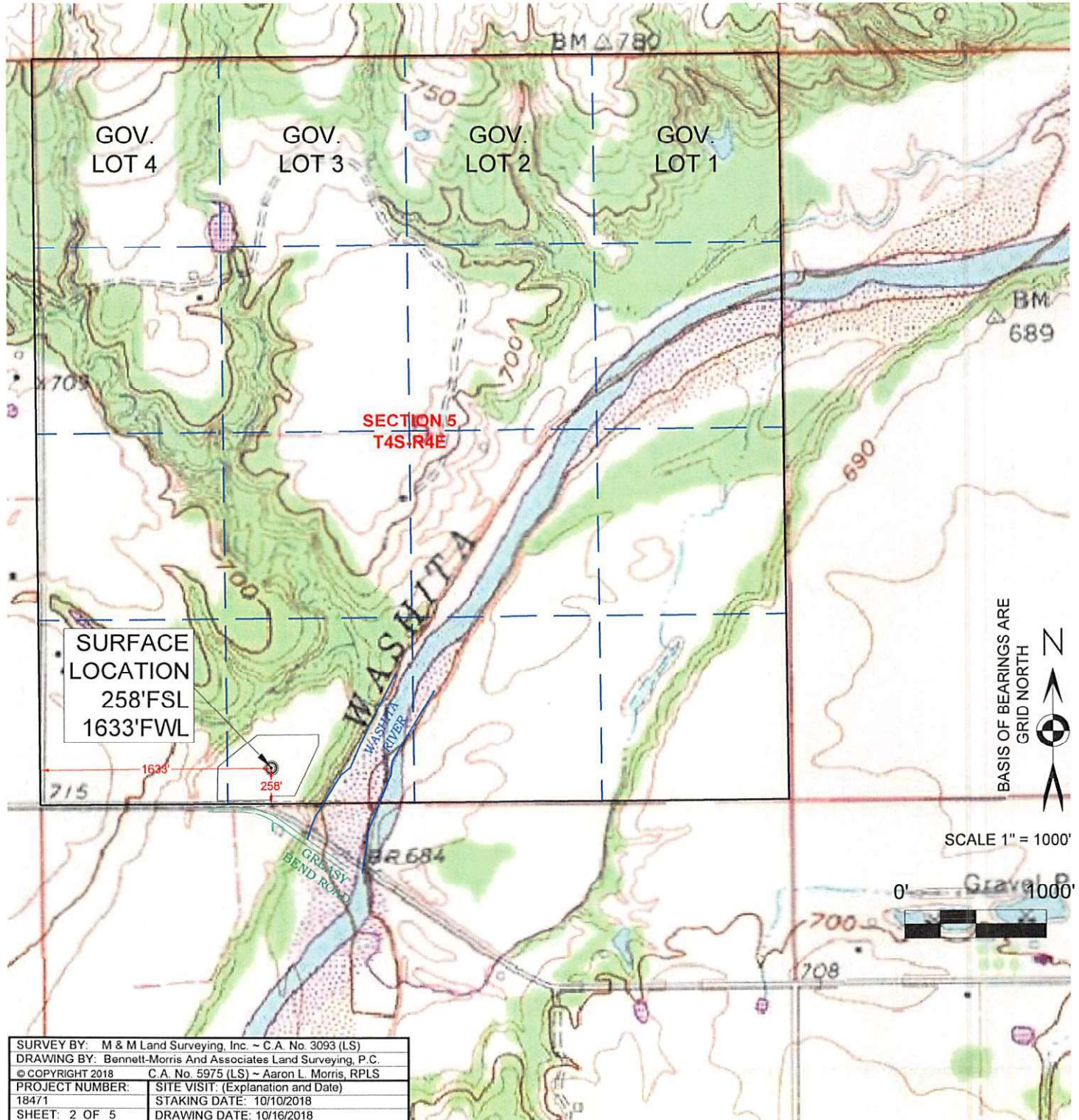
Original Location: 258'FSL - 1633'FWL 687' GROUND YES

Topography: PASTURE - 60' EAST OF THE BARNES #8-1H, 40' EAST OF THE BARNES #8-2H, 20' EAST OF THE BARNES #8-3H.

Best Accessibility to Location: From the South off of Greasy Bend Road

Distance & Direction From Nearest Town: 3.6 miles Northwest of Mannsville.

From the intersection of State Highway No. 199 and Union Road in Mannsville, Oklahoma; Go North 2.8 miles on Union Road; Then go West on 0.8 mile Greasy Bend Road to the proposed location in SECTION 5, T4S, R4E, I.B.M., Johnston County, Oklahoma.



AERIAL PHOTO

M & M Land Surveying, Inc.
 Phone (580) 226-0446
 520 E Street N.W.
 Ardmore, OK 73401

Company Name: **BNK PETROLEUM**

Lease Name: **BARNES #8-4H**

Section 5 Township 4 S Range 4 E , I.B.M., County of Johnston, State of Oklahoma
 Elevation Good Location?

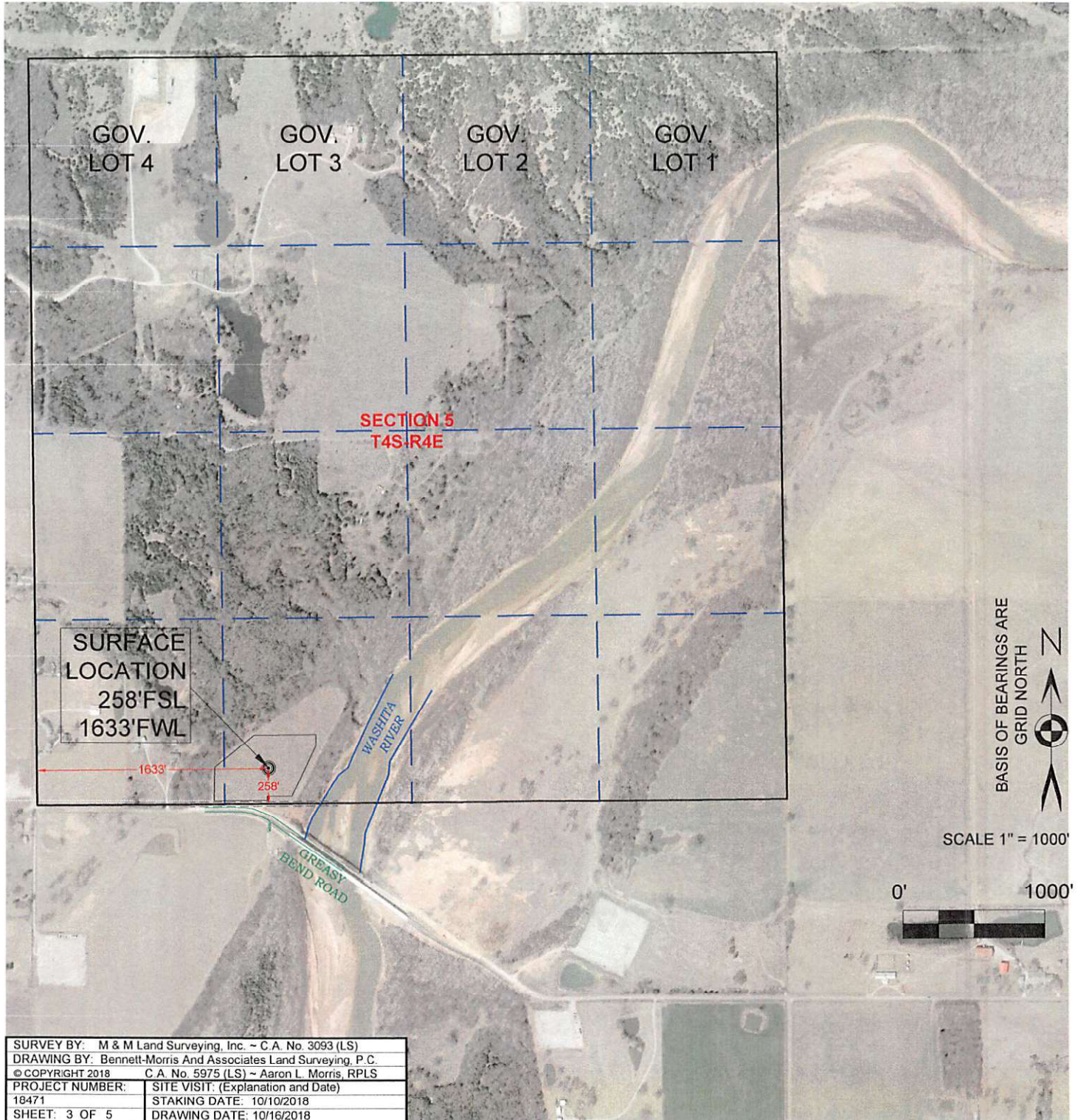
Original Location: 258'FSL - 1633'FWL 687' GROUND YES

Topography: PASTURE - 60' EAST OF THE BARNES #8-1H, 40' EAST OF THE BARNES #8-2H, 20' EAST OF THE BARNES #8-3H.

Best Accessibility to Location: From the South off of Greasy Bend Road

Distance & Direction From Nearest Town: 3.6 miles Northwest of Mannsville.

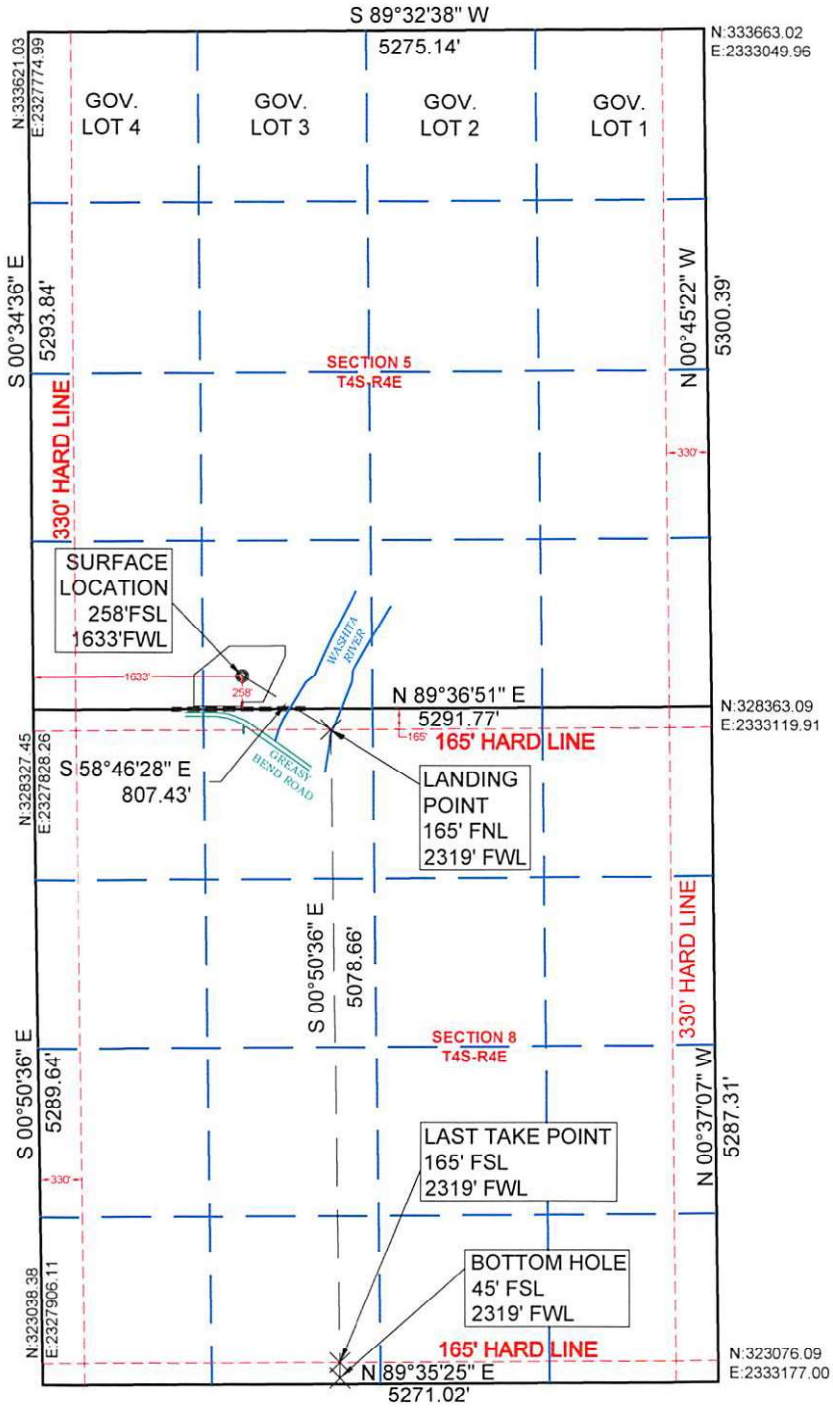
From the intersection of State Highway No. 199 and Union Road in Mannsville, Oklahoma; Go North 2.8 miles on Union Road; Then go West on 0.8 mile Greasy Bend Road to the proposed location in SECTION 5, T4S, R4E, I.B.M., Johnston County, Oklahoma.



PERMIT PLAT

M & M Land Surveying, Inc.
 Phone (580) 226-0446
 520 E Street N.W.
 Ardmore, OK 73401

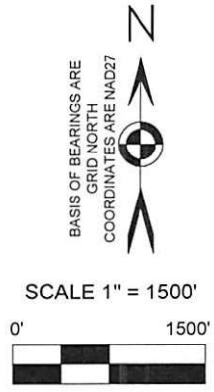
Company Name: **BNK PETROLEUM**
 Lease Name: **BARNES #8-4H**
 Section 5 Township 4 S Range 4 E, I.B.M., County of Johnston, State of Oklahoma
 Elevation Original Location:
 258'FSL - 1633'FWL 687' GROUND Good Location? YES
 Distance & Direction From Nearest Town: 3.6 miles Northwest of Mannsville.



NAD 27 OK SOUTH
 SURFACE LOCATION
 LAT: 34.231407°N
 LONG: 96.910021°W
 N= 328596.69'
 E= 2329459.16'
 LANDING POINT
 N= 328178.09'
 E= 2330149.62'
 LAST TAKE POINT
 N= 323220.01'
 E= 2330222.56'
 BOTTOM HOLE
 N= 323100.02'
 E= 2330224.33'

NAD 83 OK SOUTH
 SURFACE LOCATION
 LAT: 34.231501°N
 LONG: 96.910308°W
 N= 328639.59'
 E= 2297864.59'
 LANDING POINT
 N= 328220.99'
 E= 2298555.06'
 LAST TAKE POINT
 N= 323262.87'
 E= 2298628.04'
 BOTTOM HOLE
 N= 323142.88'
 E= 2298629.81'

DATA DERIVED FROM
 G.P.S. WITH O.P.U.S.
 DATA.



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.

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.

SURVEY BY: M & M Land Surveying, Inc. ~ C.A. No. 3093 (LS)	
DRAWING BY: Bennett-Morris And Associates Land Surveying, P.C.	
© COPYRIGHT 2018 C.A. No. 5975 (LS) ~ Aaron L. Morris, RPLS	
PROJECT NUMBER: 18471	SITE VISIT: (Explanation and Date)
18471	STAKING DATE: 10/10/2018
SHEET: 4 OF 5	DRAWING DATE: 10/16/2018



A.L.M. 10/18/2018
 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

WELL PAD DISTURBANCE BOUNDARY

M & M Land Surveying, Inc.
 Phone (580) 226-0446
 520 E Street N.W.
 Ardmore, OK 73401

Company Name: **BNK PETROLEUM**
 Lease Name: **BARNES #8-4H**
 Section 5 Township 4 S Range 4 E , I.B.M, County of Johnston, State of Oklahoma

