

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

API NUMBER: 045 23819

Approval Date: 11/01/2019

Expiration Date: 05/01/2021

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 17N Rge: 23W County: ELLIS

SPOT LOCATION: ☐ SE ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 400 2105

Lease Name: SPOONBILL 20X17-17-23

Well No: 2HB

Well will be 400 feet from nearest unit or lease boundary.

Operator
Name: FOURPOINT ENERGY LLC

Telephone: 3032900990

OTC/OCC Number: 23429 0

FOURPOINT ENERGY LLC
100 SAINT PAUL ST STE 400
DENVER, CO 80206-5140

CRIPPLE BEAR
1955 CYPRESS RIDGE TERRACE, UNIT 1012
LEESBURG VA 20176

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

	Name	Depth	Name	Depth
1	CLEVELAND	9410	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 704039

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201904377
201904380
201904381
201904376

Special Orders:

Total Depth: 20388

Ground Elevation: 2321

Surface Casing: 840

Depth to base of Treatable Water-Bearing FM: 690

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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 BED AQUIFER

Pit Location Formation: OGALLALA

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 19-37046

H. SEE MEMO

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.

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 BED AQUIFER

Pit Location Formation: OGALLALA

HORIZONTAL HOLE 1

Sec 17 Twp 17N Rge 23W County ELLIS

Spot Location of End Point: NE NE NE NW

Feet From: NORTH 1/4 Section Line: 10

Feet From: WEST 1/4 Section Line: 2541

Depth of Deviation: 9350

Radius of Turn: 539

Direction: 355

Total Length: 10191

Measured Total Depth: 20388

True Vertical Depth: 9644

End Point Location from Lease,
Unit, or Property Line: 10

Notes:

Category

Description

HYDRAULIC FRACTURING

10/22/2019 - 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

MEMO

10/22/2019 - GC2 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201904376

11/1/2019 - GB1 - (I.O.) 17 & 20-17N-23W
EST MULTIUNIT HORIZONTAL WELL
X704039 CLVD
50% 17-17N-23W
50% 20-17N-23W
NO OP. NAMED
REC. 9/30/2019 (JOHNSON)

PENDING CD - 201904377

11/1/2019 - GB1 - (I.O.) 17 & 20-17N-23W
X704039 CLVD
COMPL. INT. (20-17N-23W) NCT 165' FSL, NCT 0' FNL, NCT 1320' FWL
COMPL. INT. (17-17N-23W) NCT 0' FSL, NCT 165' FNL, NCT 1320' FWL
NO OP. NAMED
REC. 9/30/2019 (JOHNSON)

This permit does not address the right of entry or settlement of surface damages.

045 23819 SPOONBILL 20X17-17-23 2HB

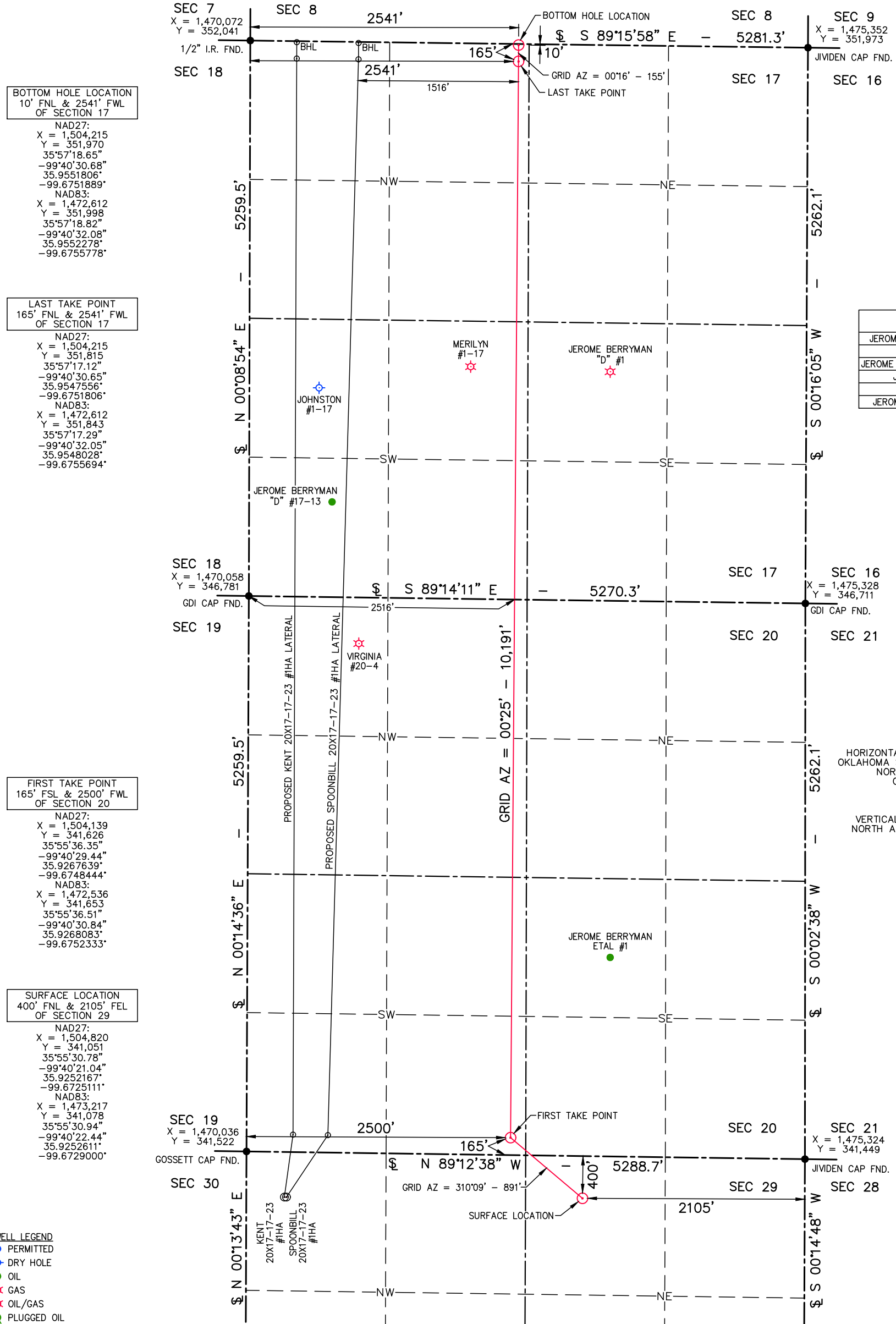
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Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

PENDING CD - 201904380	11/1/2019 - GB1 - 17-17N-23W X704039 CLVD 2 WELLS NO OP. NAMED REC. 9/30/2019 (JOHNSON)
PENDING CD - 201904381	11/1/2019 - GB1 - 20-17N-23W X704039 CLVD 2 WELLS NO OP. NAMED REC. 9/30/2019 (JOHNSON)
SPACING - 704039	11/1/2019 - GB1 - (640)(HOR) 17 & 20-17N-23W EXT 637222 CLVD, OTHER EXT OTHER EST OTHER COMPL. INT. NCT 660' FB

PROPOSED NEW WELL LOCATION PLAT

COMPANY FOURPOINT ENERGY, LLC LEASE SPOONBILL 20X17-17-23 WELL NO. 2HB
SECTION 29 TOWNSHIP 17-N RANGE 23-WIM LOCATION 400' FNL 2105' FEL
COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION ROLLING SANDHILLS
LATITUDE 35°55'30.94" LONGITUDE -99°40'22.44" NAD83 ELEVATION 2321' NAVD88 DATE STAKED 2/14/19
DIRECTION FROM NEAREST TOWN APPROXIMATELY 15.5 MILES SOUTHEAST OF ARNETT, OKLAHOMA



BOTTOM HOLE LOCATION
10' FNL & 2541' FWL
OF SECTION 17
NAD27:
X = 1,504,215
Y = 351,970
35°57'18.65"
-99°40'30.68"
35.9551806°
-99.6751889°
NAD83:
X = 1,472,612
Y = 351,998
35°57'18.82"
-99°40'32.08"
35.9552278°
-99.6755778°

LAST TAKE POINT
165' FNL & 2541' FWL
OF SECTION 17
NAD27:
X = 1,504,215
Y = 351,815
35°57'17.12"
-99°40'30.65"
35.9547556°
-99.6751806°
NAD83:
X = 1,472,612
Y = 351,843
35°57'17.29"
-99°40'32.05"
35.9548028°
-99.6755694°

FIRST TAKE POINT
165' FSL & 2500' FWL
OF SECTION 20
NAD27:
X = 1,504,139
Y = 341,626
35°55'36.35"
-99°40'29.44"
35.9267639°
-99.6748444°
NAD83:
X = 1,472,536
Y = 341,653
35°55'36.51"
-99°40'30.84"
35.9268083°
-99.6752333°

SURFACE LOCATION
400' FNL & 2105' FEL
OF SECTION 29
NAD27:
X = 1,504,820
Y = 341,051
35°55'30.78"
-99°40'21.04"
35.9252167°
-99.6725111°
NAD83:
X = 1,473,217
Y = 341,078
35°55'30.94"
-99°40'22.44"
35.9252611°
-99.6729000°

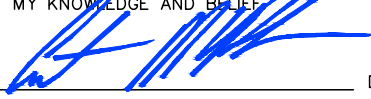
WELL NAME	DISTANCE TO HORIZ.
JEROME BERRYMAN ETAL #1	930'
VIRGINIA #20-4	1472'
JEROME BERRYMAN "D" #17-13	1735'
JOHNSTON #1-17	1866'
MERILYN #1-17	432'
JEROME BERRYMAN "D" #1	890'

HORIZONTAL COORDINATES ARE BASED ON:
OKLAHOMA STATE PLANE COORDINATE SYSTEM
NORTH AMERICAN DATUM 1983
OKLAHOMA NORTH ZONE
U.S. FEET

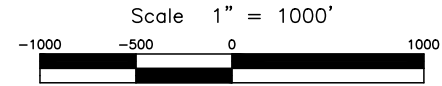
BASIS OF ELEVATION:
VERTICAL COORDINATES ARE BASED ON
NORTH AMERICAN VERTICAL DATUM 1988
U.S. FEET

- WELL LEGEND**
- PERMITTED
 - DRY HOLE
 - OIL
 - ★ GAS
 - ★ OIL/GAS
 - PLUGGED OIL
 - ★ PLUGGED GAS
 - ★ PLUGGED OIL/GAS

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD
NOTES OF ACTUAL SURVEYS MADE BY MYSELF OR OTHERS UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF

SIGNED:  DATED: 2/20/19

- NOTE:**
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 - X,Y Coordinates were derived from GPS static survey observations and/or RTK survey methods.
 - As-drilled data shown on this plat was provided by client and/or third party. Information was not nor has not been field verified by Surveyor.




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BEYONDMAPPING.COM
105 HACKBERRY TRAIL • CANADIAN, TX 79014
(806) 323-9773 • TEXAS FIRM NO. 10010100
CERT. OF AUTH. NO. 7796, EXP. JUNE 30, 2020


FOURPOINT
ENERGY
100 ST. PAUL STREET • SUITE 400 • DENVER, CO 80206

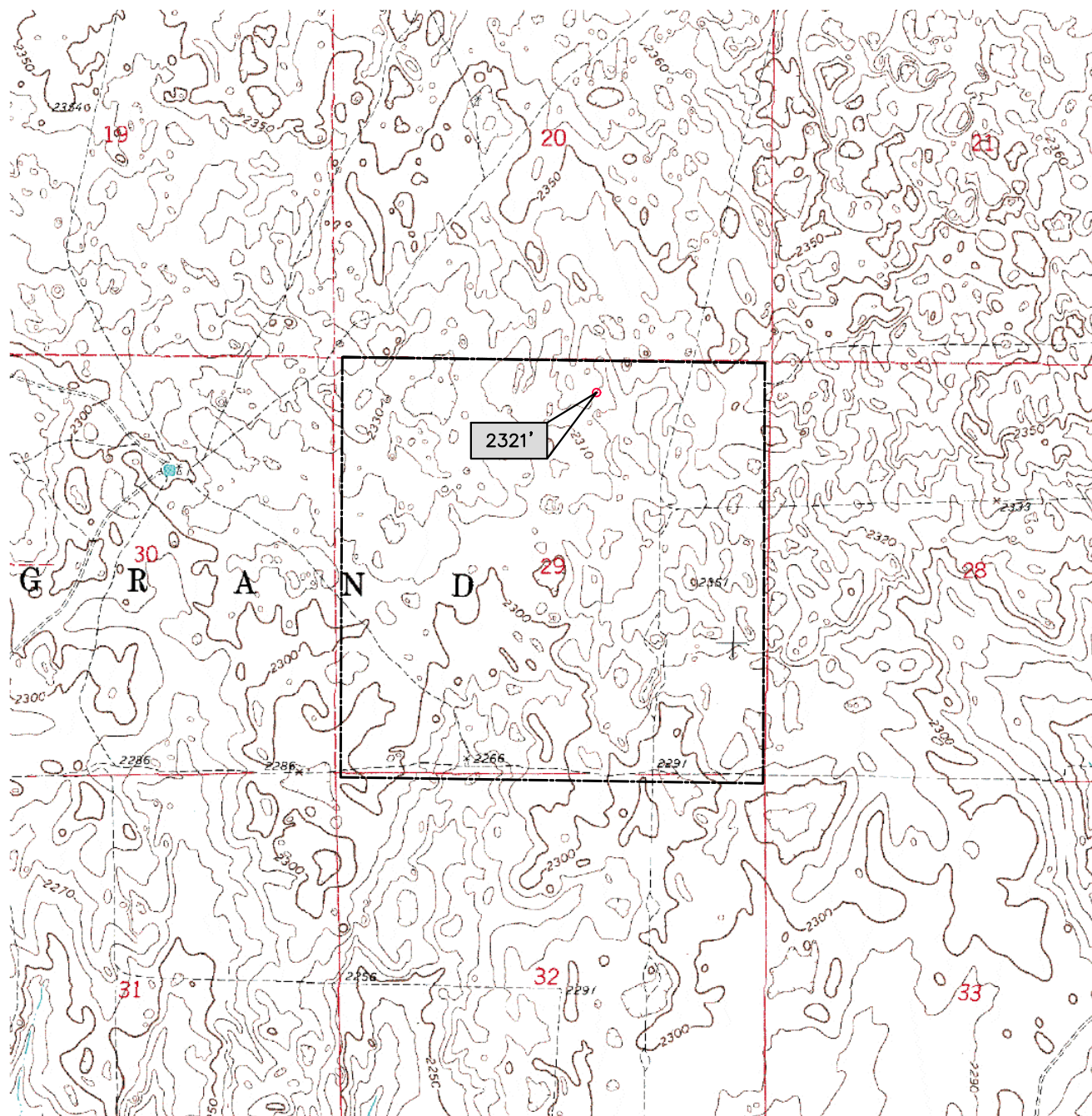
SPOONBILL 20X17-17-23 #2HB	
FIELD:	KB,AH,GPS
DRAWN:	CT
DATE:	2/20/19
CHECKED:	MLS
SHEET:	1 OF 8
REVISION:	



JOB NO. C219-036-1

ELEVATION VERIFICATION

COMPANY FOURPOINT ENERGY, LLC LEASE SPOONBILL 20X17-17-23 WELL NO. 2HB
 SECTION 29 TOWNSHIP 17-N RANGE 23-WIM LOCATION 400' FNL 2105' FEL
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION ROLLING SANDHILLS
 LATITUDE 35°55'30.94" LONGITUDE -99°40'22.44" NAD83 ELEVATION 2321' NAVD88 DATE STAKED 2/14/19
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 15.5 MILES SOUTHEAST OF ARNETT, OKLAHOMA



Scale 1" = 2000'
 -2000 -1000 0 2000



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 ENERGY

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SPOONBILL 20X17-17-23 #2HB	
FIELD:	KB,AH,GPS
DRAWN:	CT
DATE:	2/20/19
CHECKED:	MLS
SHEET:	2 OF 8
REVISION:	

JOB NO. C219-036-2

AERIAL PLAT

COMPANY FOURPOINT ENERGY, LLC LEASE SPOONBILL 20X17-17-23 WELL NO. 2HB
SECTION 29 TOWNSHIP 17-N RANGE 23-WIM LOCATION 400' FNL 2105' FEL
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OF SECTION 20

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OF SECTION 29

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35°55'30.78"
-99°40'21.04"
35.9252167°
-99.6725111°
NAD83:
X = 1,473,217
Y = 341,078
35°55'30.94"
-99°40'22.44"
35.9252611°
-99.6729000°

- WELL LEGEND
- PERMITTED
 - DRY HOLE
 - OIL
 - GAS
 - OIL/GAS
 - PLUGGED OIL
 - PLUGGED GAS
 - PLUGGED OIL/GAS

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**GDI**
Geospatial Data, Inc.
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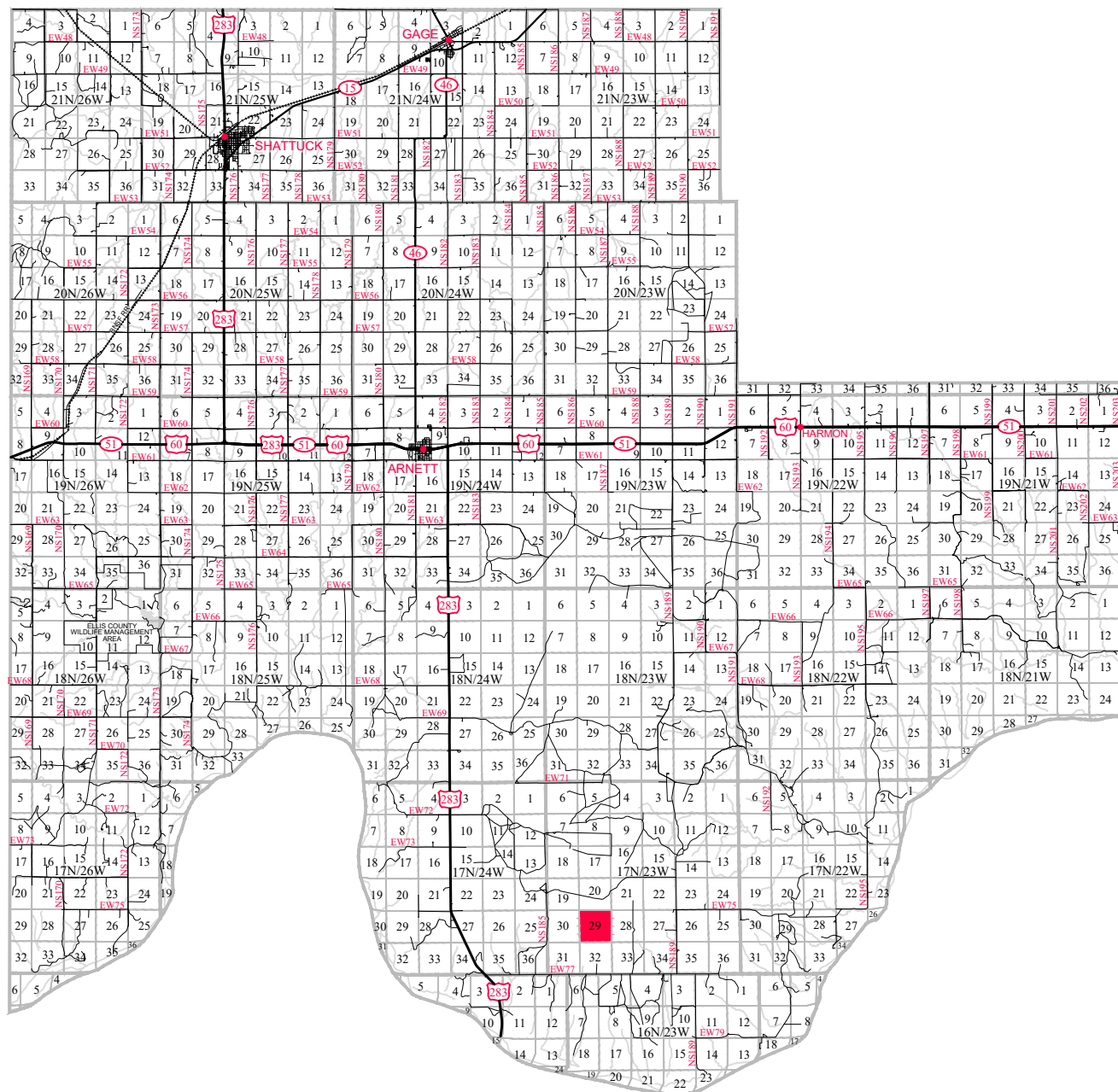
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ENERGY
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SPOONBILL 20X17-17-23 #2HB	
FIELD:	KB,AH,GPS
DRAWN:	CT
DATE:	2/20/19
CHECKED:	MLS
SHEET:	3 OF 8
REVISION:	
ADD LATERAL	4/26/19

JOB NO. C219-036-3

VICINITY MAP

COMPANY FOURPOINT ENERGY, LLC LEASE SPOONBILL 20X17-17-23 WELL NO. 2HB
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SPOONBILL 20X17-17-23 #2HB

FIELD: KB,AH,GPS

DRAWN: CT

DATE: 2/20/19

CHECKED: MLS

SHEET: 4 OF 8

REVISION:

JOB NO. C219-036-4

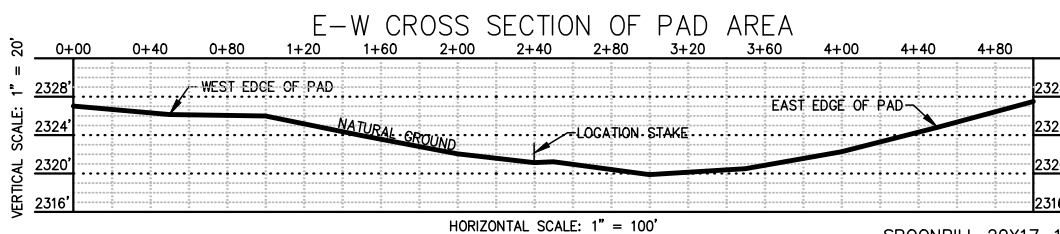
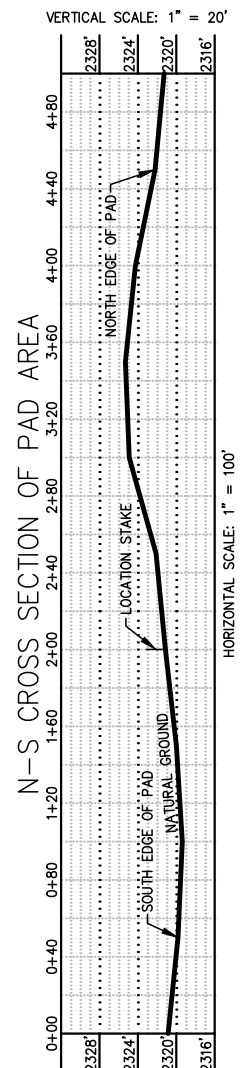
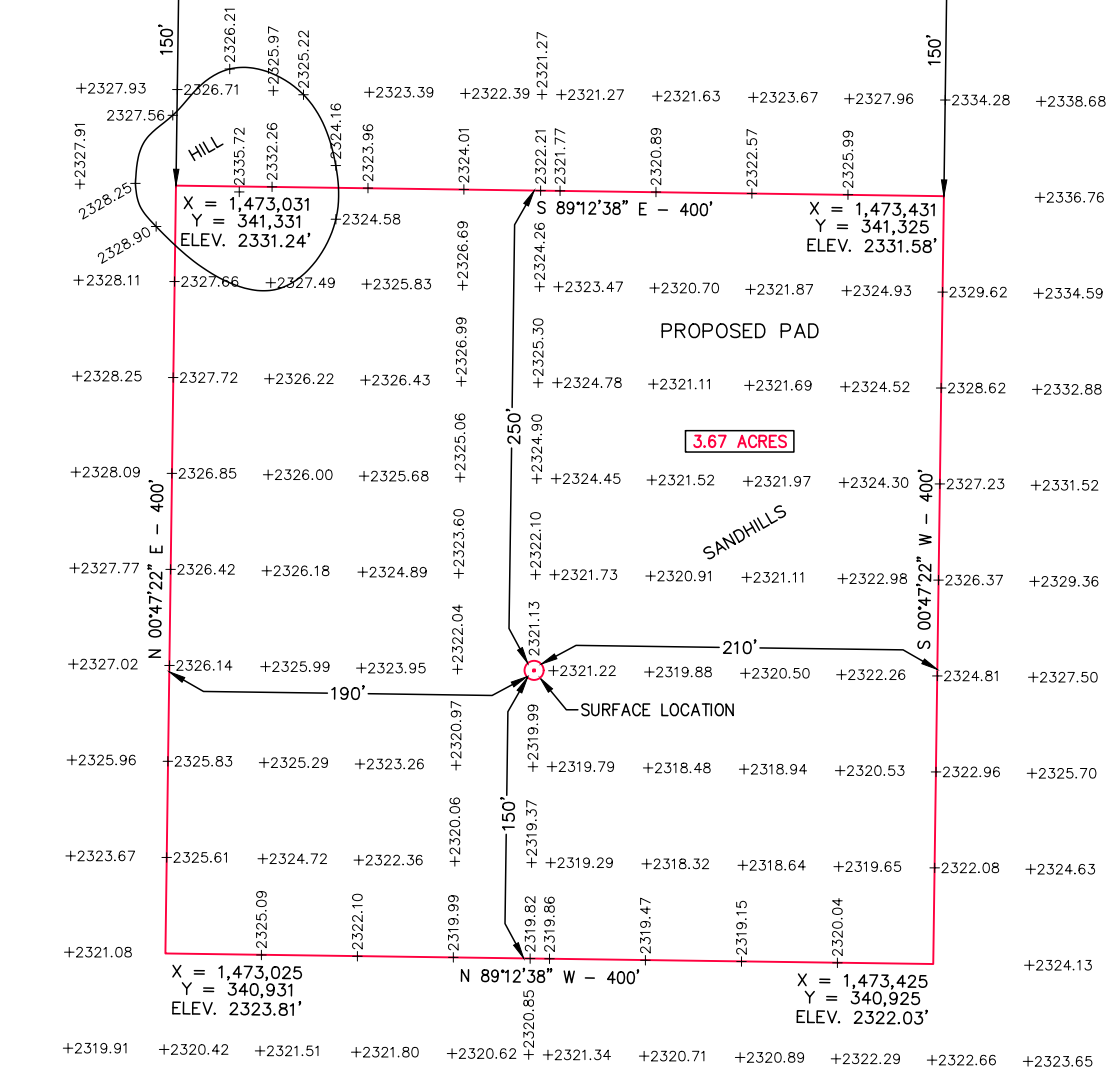
PROPOSED PAD SITE PLAT

T-17-N, R-23-WIM
ELLIS COUNTY, OKLAHOMA

SEC 20

SECTION LINE

SEC 29



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4. Basis of Elevation: Vertical coordinates are based on North American Vertical Datum 1988, U.S. Feet.

SPOONBILL 20X17-17-23 #2HB
SURFACE LOCATION

400' FNL & 2105' FEL OF SECTION 29

X = 1,473,217
Y = 341,078
35°55'30.94"
-99°40'22.44"
35.9252611"
-99.6729000"
ELEV. 2321' MSL

Scale 1" = 100'



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FOURPOINT
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SPOONBILL 20X17-17-23 #2HB

FIELD: KB,AH,GPS

DRAWN: MLS

DATE: 2/20/19

CHECKED: CBM

SHEET: 5 OF 8

REVISION:



JOB NO. C219-036-5

T-17-N, R-23-WIM
ELLIS COUNTY, OKLAHOMA

SECTION LINE

X = 1,473,031
Y = 341,331
ELEV. 2331.24'

S 89°12'38" E - 400'

X = 1,473,431
Y = 341,325
ELEV. 2331.58'

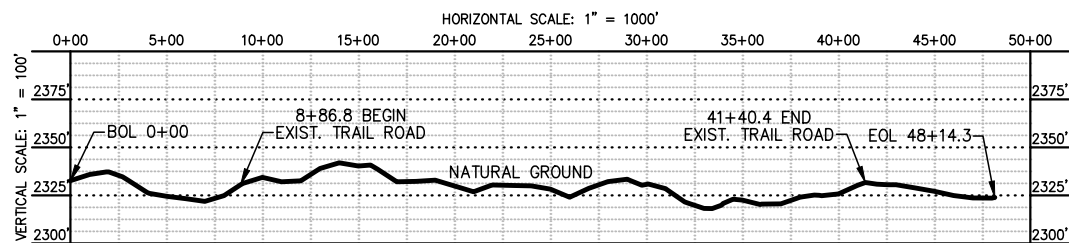
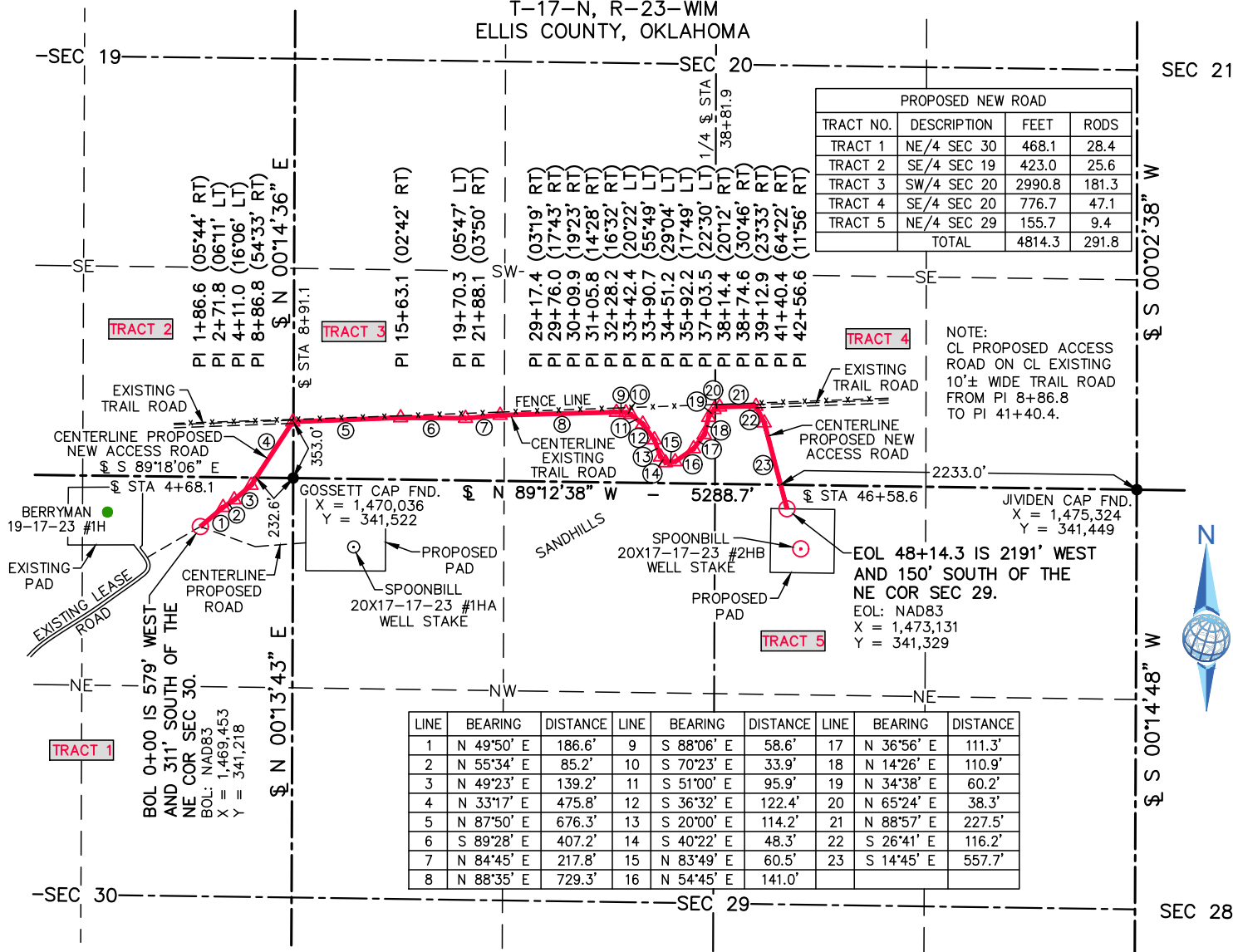
X = 1,473,025
Y = 340,931
ELEV. 2323.81'

X = 1,473,425
Y = 340,925
ELEV. 2322.03'

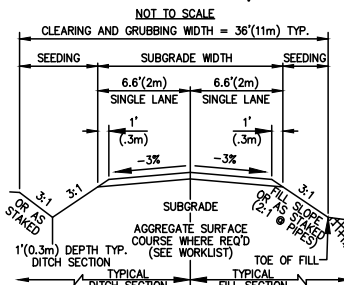
JOB NO.	C219-036-6
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PROPOSED ACCESS ROAD PLAT

T-17-N, R-23-WIM
ELLIS COUNTY, OKLAHOMA



PROFILE OF PROPOSED ACCESS ROAD



PROPOSED ACCESS ROAD CROSS SECTION

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4. Basis of elevation: Vertical coordinates are based on North American Vertical Datum 1988, U.S. Feet.

Scale 1" = 1000'



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FOURPOINT
ENERGY

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SPOONBILL 20X17-17-23 #2HB

FIELD: KB,AH,GPS

DRAWN: MLS

DATE: 2/20/19

CHECKED: MLS

SHEET: 8 OF 8

REVISION:

SHEET/JOB NO. 4/26/19



JOB NO. C219-036-8