

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

API NUMBER: 045 23820

Approval Date: 11/01/2019

Expiration Date: 05/01/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

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

County: ELLIS

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 400 2085

Lease Name: SPOONBILL 20X17-17-23

Well No: 3HC

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: 201904379  
201904380  
201904381  
201904378

Special Orders:

Total Depth: 20411

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: 19-37047

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 NW NE NE

Feet From: NORTH 1/4 Section Line: 10

Feet From: EAST 1/4 Section Line: 860

Depth of Deviation: 9390

Radius of Turn: 525

Direction: 5

Total Length: 10197

Measured Total Depth: 20411

True Vertical Depth: 9645

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](http://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](http://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 - 201904378

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 - 201904379

11/1/2019 - GB1 - (I.O.) 17 & 20-17N-23W  
X704039 CLVD  
COMPL. INT. (20-17N-23W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL  
COMPL. INT. (17-17N-23W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL  
NO OP. NAMED  
REC. 9/30/2019 (JOHNSON)

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

045 23820 SPOONBILL 20X17-17-23 3HC

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.

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 EXT OTHER COMPL. INT. NCT 660' FB

COMPANY FOURPOINT ENERGY, LLC LEASE SPOONBILL 20X17-17-23 WELL NO. 3HC  
SECTION 29 TOWNSHIP 17-N RANGE 23-WIM LOCATION 400' FNL 2085' FEL  
COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION ROLLING SANDHILLS  
LATITUDE 35°55'30.95" LONGITUDE -99°40'22.19" 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 & 860' FEL  
OF SECTION 17

NAD27:  
X = 1,506,095  
Y = 351,946  
35°57'18.73"  
-99°40'07.81"  
35.9552028°  
-99.6688361°  
NAD83:  
X = 1,474,492  
Y = 351,974  
35°57'18.90"  
-99°40'09.21"  
35.9552500°  
-99.6692250°

LAST TAKE POINT  
165' FNL & 860' FEL  
OF SECTION 17

NAD27:  
X = 1,506,095  
Y = 351,791  
35°57'17.20"  
-99°40'07.78"  
35.9547778°  
-99.6688278°  
NAD83:  
X = 1,474,492  
Y = 351,819  
35°57'17.37"  
-99°40'09.18"  
35.9548250°  
-99.6692167°

FIRST TAKE POINT  
165' FSL & 1270' FEL  
OF SECTION 20

NAD27:  
X = 1,505,657  
Y = 341,605  
35°55'36.40"  
-99°40'10.98"  
35.9267778°  
-99.6697167°  
NAD83:  
X = 1,474,054  
Y = 341,632  
35°55'36.56"  
-99°40'12.38"  
35.9268222°  
-99.6701056°

SURFACE LOCATION  
400' FNL & 2085' FEL  
OF SECTION 29

NAD27:  
X = 1,504,840  
Y = 341,051  
35°55'30.78"  
-99°40'20.79"  
35.9252167°  
-99.6724417°  
NAD83:  
X = 1,473,237  
Y = 341,078  
35°55'30.95"  
-99°40'22.19"  
35.9252639°  
-99.6728306°

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

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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



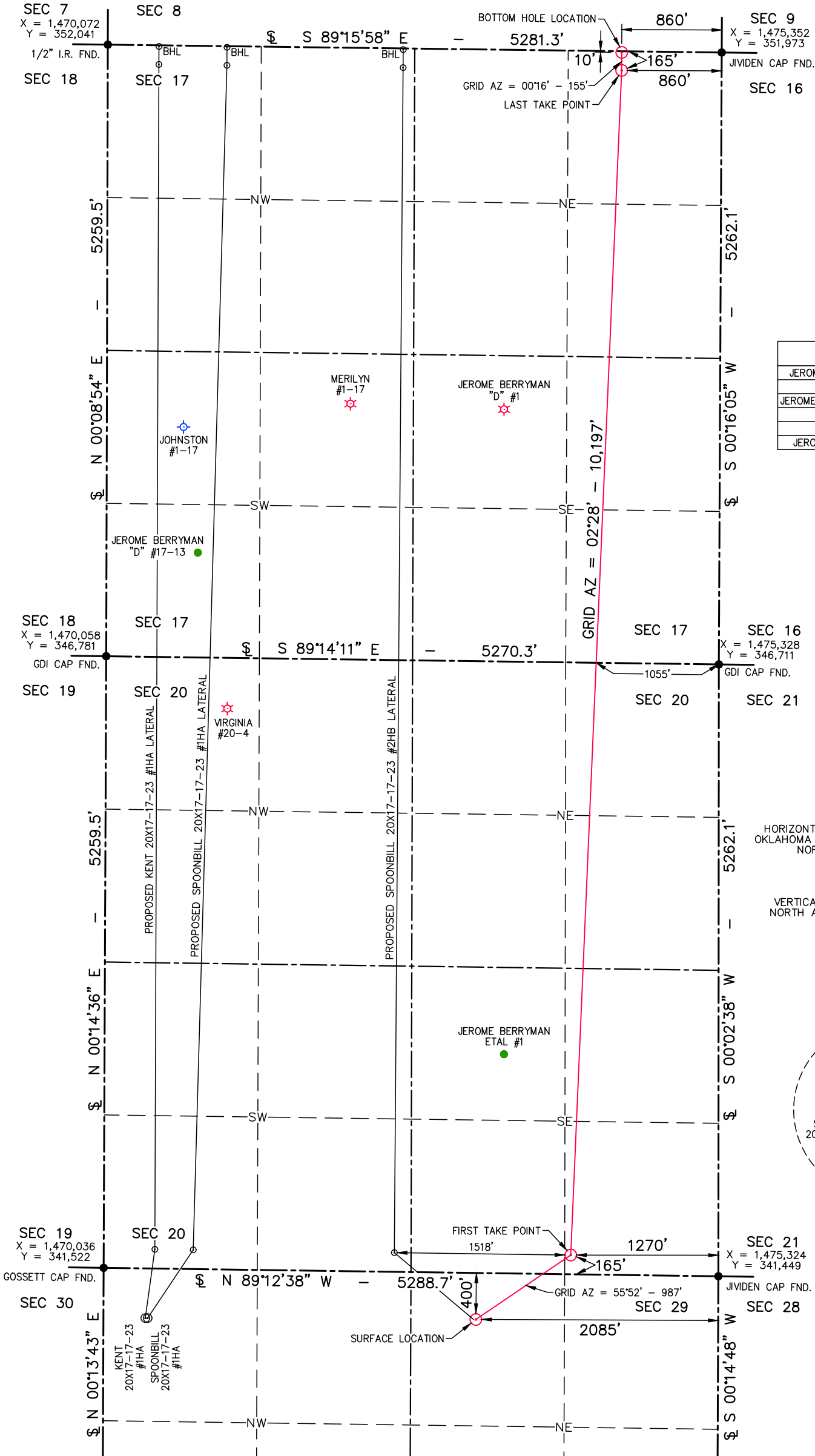
FOURPOINT  
ENERGY

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

SPOONBILL 20X17-17-23 #3HC	
FIELD:	KB,AH,GPS
DRAWN:	MLS
DATE:	2/20/19
CHECKED:	MLS
SHEET:	1 OF 8
REVISION:	



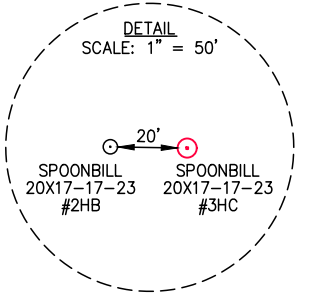
JOB NO. C219-037-1



WELL NAME	DISTANCE TO HORIZ.
JEROME BERRYMAN ETAL #1	648'
VIRGINIA #20-4	3154'
JEROME BERRYMAN "D" #17-13	3464'
JOHNSTON #1-17	3634'
MERILYN #1-17	2208'
JEROME BERRYMAN "D" #1	886'

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

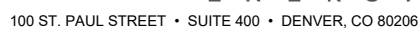
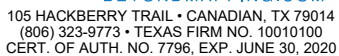
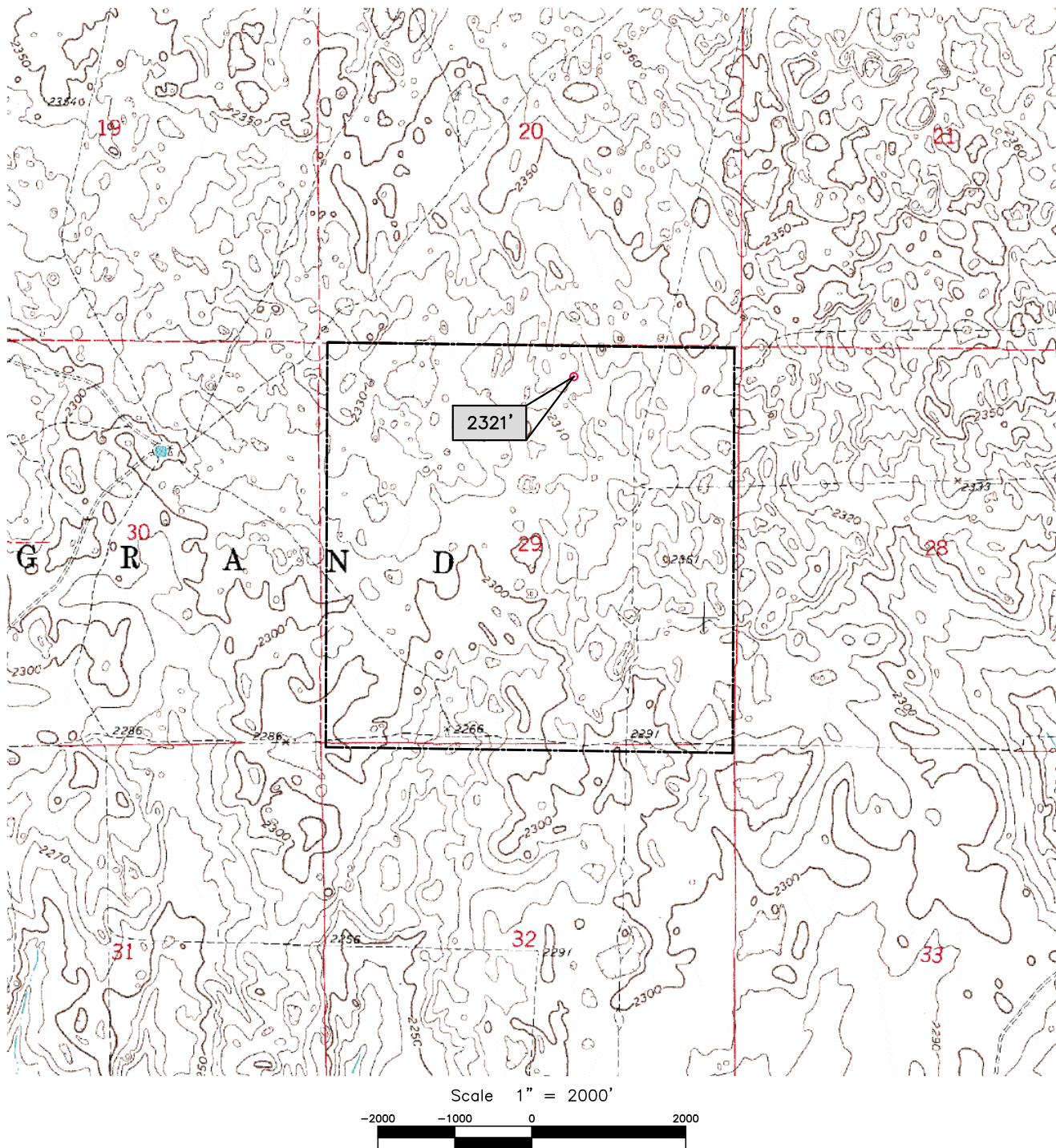
BASIS OF ELEVATION:  
VERTICAL COORDINATES ARE BASED ON  
NORTH AMERICAN VERTICAL DATUM 1988  
U.S. FEET



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

COMPANY	FOURPOINT ENERGY, LLC			LEASE	SPOONBILL 20X17-17-23		WELL NO.	3HC			
SECTION	29	TOWNSHIP	17-N	RANGE	23-WIM		LOCATION	400' FNL	2085' FEL		
COUNTY	ELLIS		STATE	OKLAHOMA		TOPOGRAPHY AND VEGETATION				ROLLING SANDHILLS	
LATITUDE	35°55'30.95"		LONGITUDE	-99°40'22.19"		NAD83	ELEVATION	2321'	NAVD88	DATE STAKED	2/14/19
DIRECTION FROM NEAREST TOWN	APPROXIMATELY 15.5 MILES SOUTHEAST OF ARNETT, OKLAHOMA										



SPOONBILL 20X17-17-23 #3HC	
FIELD:	KB,AH,GPS
DRAWN:	MLS
DATE:	2/20/19
CHECKED:	MLS
SHEET:	2 OF 8
REVISION:	

JOB NO.	C219-037-2
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AERIAL PLAT

COMPANY FOURPOINT ENERGY, LLC LEASE SPOONBILL 20X17-17-23 WELL NO. 3HC  
SECTION 29 TOWNSHIP 17-N RANGE 23-WIM LOCATION 400' FNL 2085' FEL  
COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION ROLLING SANDHILLS  
LATITUDE 35°55'30.95" LONGITUDE -99°40'22.19" 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 & 860' FEL  
OF SECTION 17

NAD27:  
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Y = 351,946  
35°57'18.73"  
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NAD83:  
X = 1,474,492  
Y = 351,974  
35°57'18.90"  
-99°40'09.21"  
35.9552500°  
-99.6692250°

LAST TAKE POINT  
165' FNL & 860' FEL  
OF SECTION 17

NAD27:  
X = 1,506,095  
Y = 351,791  
35°57'17.20"  
-99°40'07.78"  
35.9547778°  
-99.6688278°  
NAD83:  
X = 1,474,492  
Y = 351,819  
35°57'17.37"  
-99°40'09.18"  
35.9548250°  
-99.6692167°

FIRST TAKE POINT  
165' FSL & 1270' FEL  
OF SECTION 20

NAD27:  
X = 1,505,657  
Y = 341,605  
35°55'36.40"  
-99°40'10.98"  
35.9267778°  
-99.6697167°  
NAD83:  
X = 1,474,054  
Y = 341,632  
35°55'36.56"  
-99°40'12.38"  
35.9268222°  
-99.6701056°

SURFACE LOCATION  
400' FNL & 2085' FEL  
OF SECTION 29

NAD27:  
X = 1,504,840  
Y = 341,051  
35°55'30.78"  
-99°40'20.79"  
35.9252167°  
-99.6724417°  
NAD83:  
X = 1,473,237  
Y = 341,078  
35°55'30.95"  
-99°40'22.19"  
35.9252639°  
-99.6728306°

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

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**GDI**  
Geospatial Data, Inc.  
LAND SURVEYING • GIS  
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

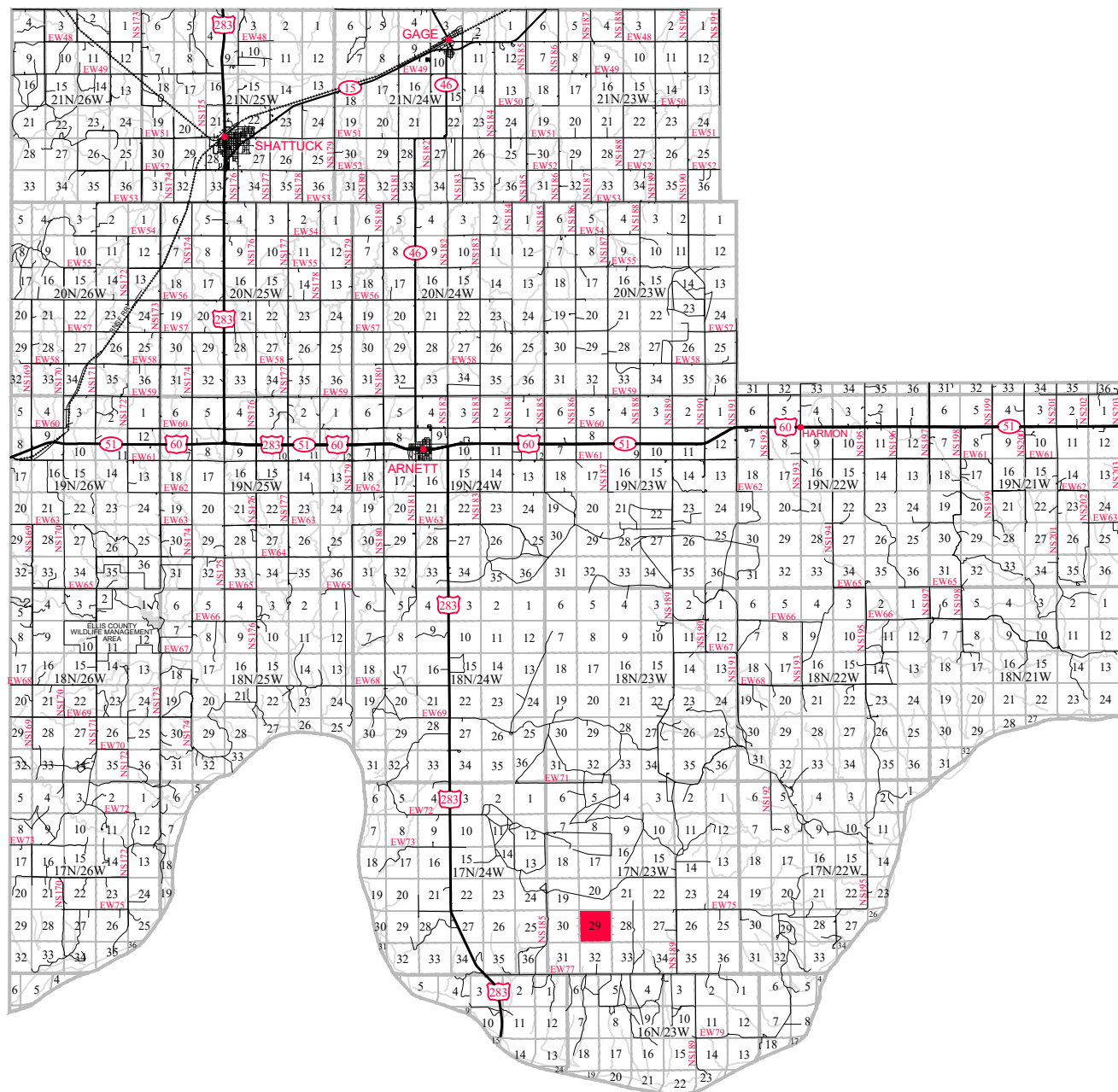
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FIELD:	KB,AH,GPS
DRAWN:	MLS
DATE:	2/20/19
CHECKED:	MLS
SHEET:	3 OF 8
REVISION:	
ADD LATERAL	4/29/19

JOB NO. C219-037-3



# VICINITY MAP

COMPANY FOURPOINT ENERGY, LLC LEASE SPOONBILL 20X17-17-23 WELL NO. 3HC  
 SECTION 29 TOWNSHIP 17-N RANGE 23-WIM LOCATION 400' FNL 2085' FEL  
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION ROLLING SANDHILLS  
 LATITUDE 35°55'30.95" LONGITUDE -99°40'22.19" NAD83 ELEVATION 2321' NAVD88 DATE STAKED 2/14/19  
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 15.5 MILES SOUTHEAST OF ARNETT, OKLAHOMA



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SPOONBILL 20X17-17-23 #3HC

FIELD: KB,AH,GPS

DRAWN: MLS

DATE: 2/20/19

CHECKED: MLS

SHEET: 4 OF 8

REVISION:

JOB NO. C219-037-4

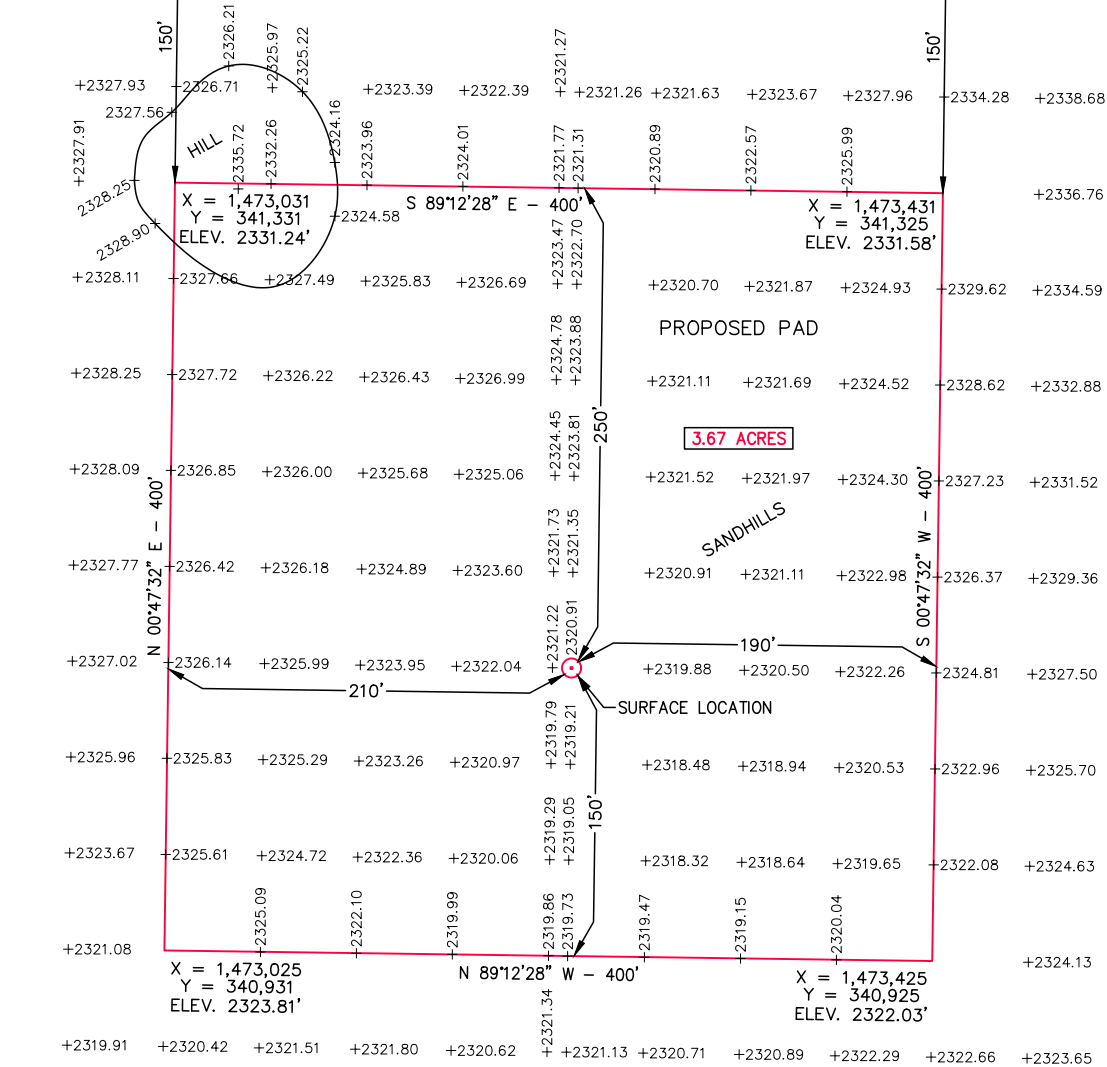
# PROPOSED PAD SITE PLAT

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

SEC 20

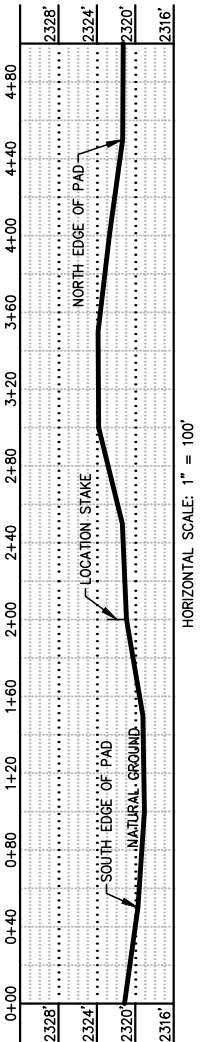
SECTION LINE

SEC 29

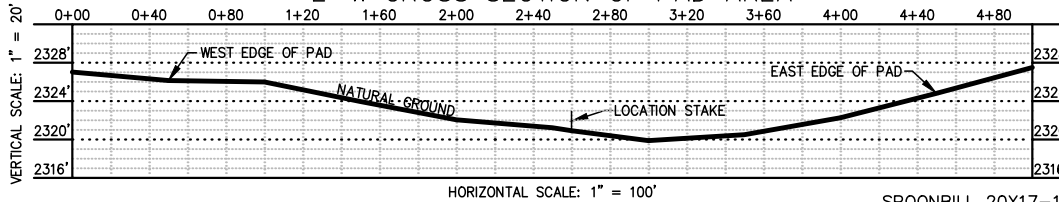


VERTICAL SCALE: 1" = 20'

N-S CROSS SECTION OF PAD AREA



E-W CROSS SECTION OF PAD AREA



Scale 1" = 100'

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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 #3HC  
SURFACE LOCATION  
400' FNL & 2085' FEL OF SECTION 29  
X = 1,473,237  
Y = 341,078  
35°55'30.95"  
-99°40'22.19"  
35.9252639°  
-99.6728306°  
ELEV. 2321' MSL



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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 #3HC	
FIELD:	KB,AH,GPS
DRAWN:	MLS
DATE:	2/20/19
CHECKED:	CBM
SHEET:	5 OF 8
REVISION:	



JOB NO. C219-037-5



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'

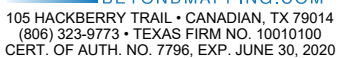
X = 1,473,431  
Y = 341,325  
ELEV. 2331.58'

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

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

SPOONBILL 20X17-17-23 #3HC  
 SURFACE LOCATION  
 400' FNL & 2085' FEL OF SECTION 29  
 X = 1,473,237  
 Y = 341,078  
 35°55'30.95"  
 -99°40'22.19"  
 35.9252639"  
 -99.6728306"  
 ELEV. 2321' MSL

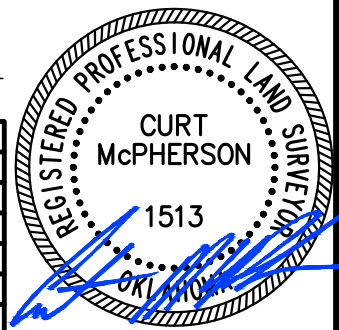
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-80	2
-70	3
-60	4
-50	5
-40	6
-30	7
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-10	9
0	10
10	9
20	8
30	7
40	6
50	5
60	4
70	3
80	2
90	1
100	0



**FOURPOINT**  
ENERGY

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

SPOONBILL 20X17-17-23 #3HC	
FIELD:	KB,AH,GPS
DRAWN:	MLS
DATE:	4/29/19
CHECKED:	CBM
SHEET:	6 OF 8
REVISION:	



JOB NO.	C219-037-6
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# PROPOSED PAD SITE DESIGN ELEVATION PLAT

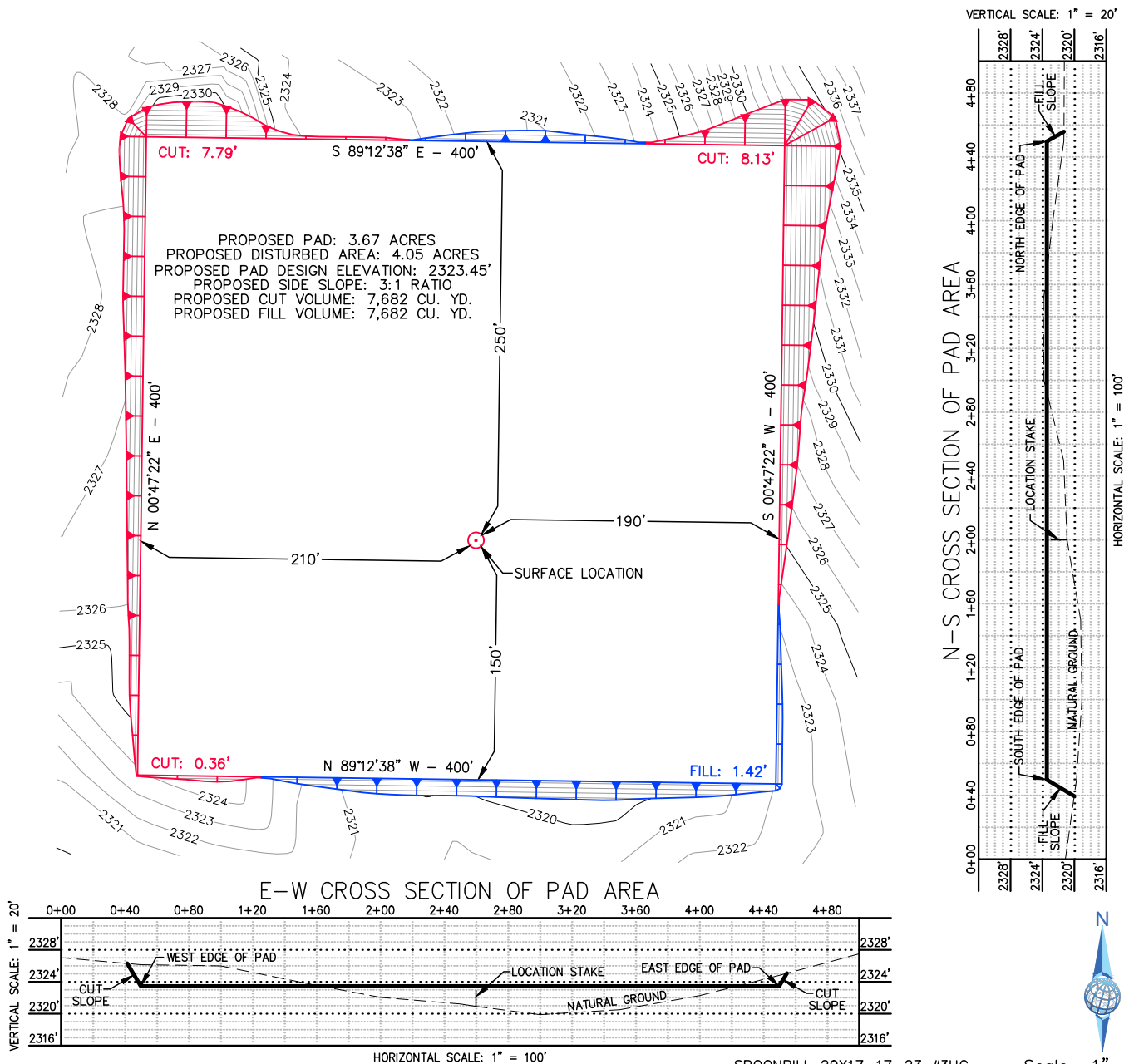
T-17-N, R-23-WIM  
ELLIS COUNTY, OKLAHOMA

SEC 20

S 89°12'38" E

SECTION LINE

SEC 29



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3. X,Y Coordinates were derived from GPS static survey observations and/or RTK survey methods.
4. Basis of Elevation: Vertical coordinates are based on North American Vertical Datum 1988, U.S. Feet.
5. Contour intervals are 1.0 foot.

SPOONBILL 20X17-17-23 #3HC  
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Y = 341,078  
35°55'30.95"  
-99°40'22.19"  
35.9252639°  
-99.6728306°  
ELEV. 2321' MSL



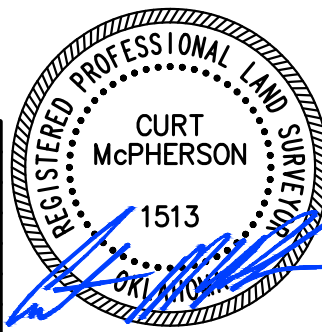
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FOURPOINT  
ENERGY

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

SPOONBILL 20X17-17-23 #3HC	
FIELD:	KB,AH,GPS
DRAWN:	MLS
DATE:	4/29/19
CHECKED:	CBM
SHEET:	7 OF 8
REVISION:	

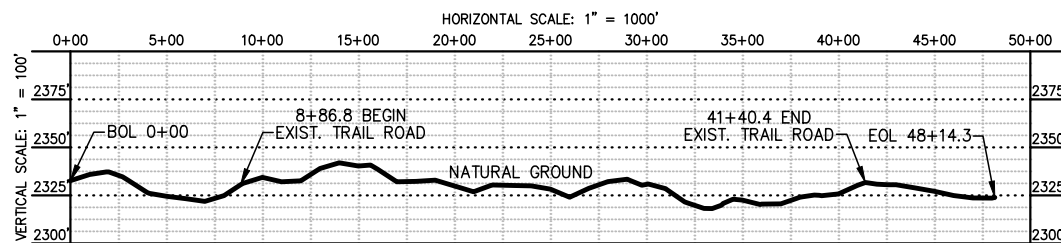
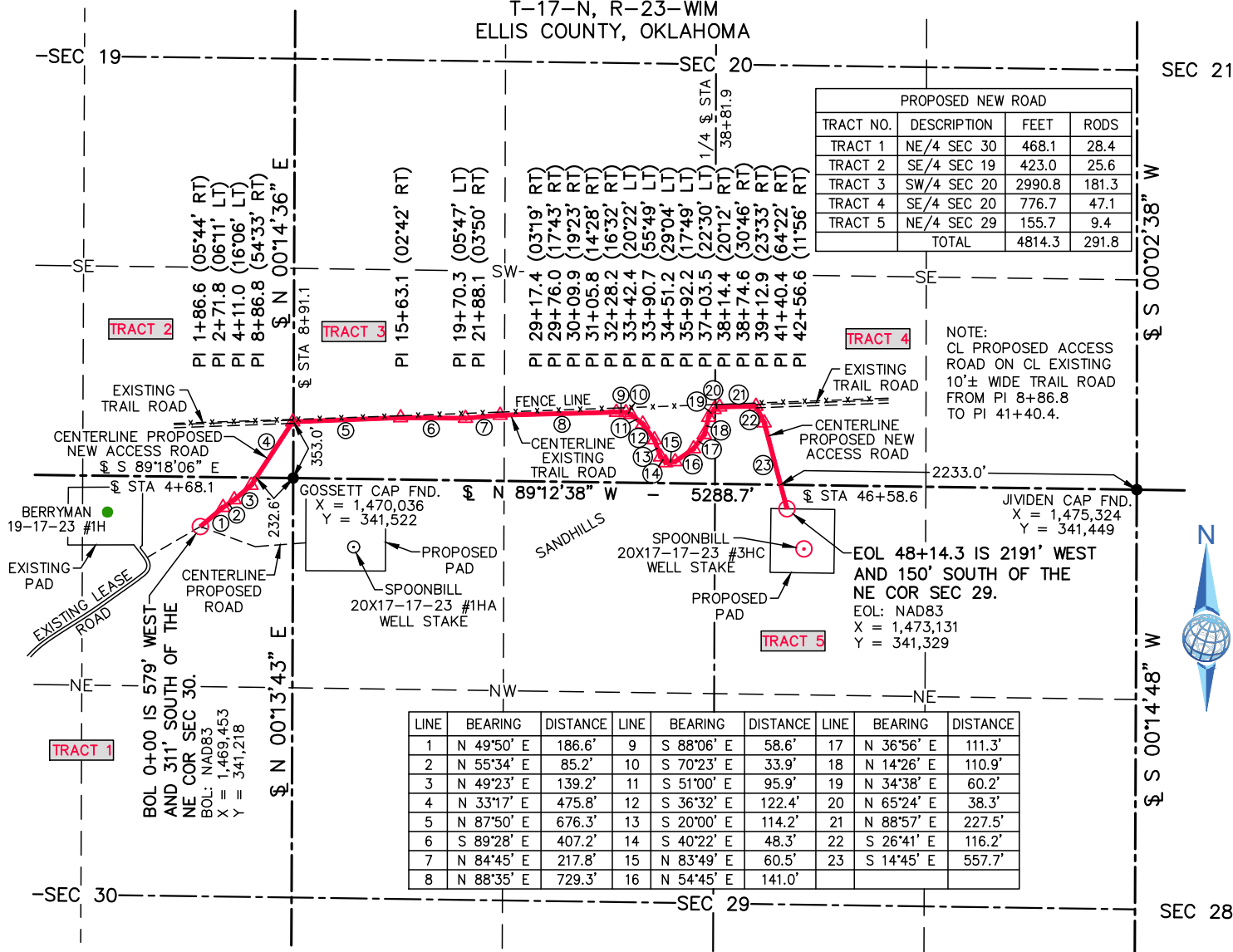


JOB NO. C219-037-7

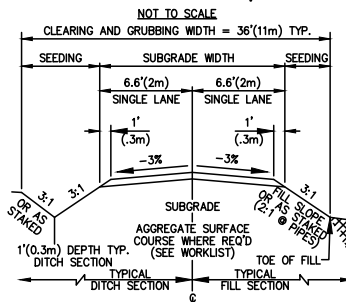


# PROPOSED ACCESS ROAD PLAT

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



PROFILE OF PROPOSED ACCESS ROAD

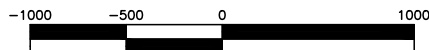


PROPOSED ACCESS ROAD CROSS SECTION

## NOTE:

- This plat is intended for Oklahoma Corporation Commission and/or Bureau of Land Management Permit purposes only and is NOT to be relied upon as a boundary survey and is NOT to be used to convey or establish real property interests.
- Bearings and dimensions shown are based on Grid Azimuth and Grid distance. All X,Y coordinates are based on NAD83, Oklahoma North Zone, U.S. Feet.
- X,Y Coordinates were derived from GPS static survey observations and/or RTK survey methods.
- Basis of elevation: Vertical coordinates are based on North American Vertical Datum 1988, U.S. Feet.

Scale 1" = 1000'



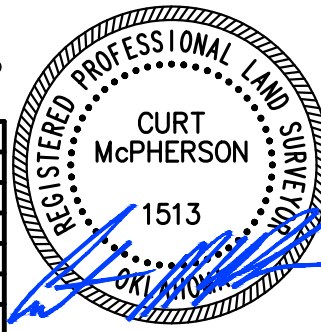
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SPOONBILL 20X17-17-23 #3HC	
FIELD:	KB,AH,GPS
DRAWN:	MLS
DATE:	2/20/19
CHECKED:	MLS
SHEET:	8 OF 8
REVISION:	
SHEET/JOB NO.	4/29/19



JOB NO. C219-037-8