

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

API NUMBER: 045 23825

Approval Date: 12/16/2019

Expiration Date: 06/16/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 17N Rge: 23W

County: ELLIS

SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 248 898

Lease Name: BLUE GILL 18-17-23

Well No: 1HA

Well will be 248 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, LLC  
1955 CYPRESS RIDGE TERRACE, UNIT 1012  
LEESBURG VA 20176

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

Name	Depth	Name	Depth
1 CLEVELAND	9340	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 678128

Location Exception Orders: 706135

Increased Density Orders: 705972

Pending CD Numbers:

Special Orders:

Total Depth: 14876

Ground Elevation: 2388

**Surface Casing: 830**

Depth to base of Treatable Water-Bearing FM: 680

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: 40000 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)  
H. SEE MEMO

PERMIT NO: 19-37076

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 18 Twp 17N Rge 23W County ELLIS

Spot Location of End Point: SW SE SW SW

Feet From: SOUTH 1/4 Section Line: 10

Feet From: WEST 1/4 Section Line: 800

Depth of Deviation: 9155

Radius of Turn: 509

Direction: 181

Total Length: 4921

Measured Total Depth: 14876

True Vertical Depth: 9688

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

Notes:

Category

Description

HYDRAULIC FRACTURING

11/26/2019 - G71 - 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)

INCREASED DENSITY - 705972 (201905188)

12/16/2019 - GB6 - 18-17N-23W  
X678128 CLVD  
2 WELLS  
FOURPOINT ENERGY, LLC  
12/05/2019

LOCATION EXCEPTION - 706135  
(201905132)

12/16/2019 - GB6 - (I.O.) 18-17N-23W  
X678128 CLVD  
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FWL  
12/10/2019

MEMO

11/26/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 678128

12/16/2019 - GB6 - (640)(HOR) 18-17N-23W  
EXT 631276 CLVD  
COMPL. INT. NCT 660' FB

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

045 23825 BLUE GILL 18-17-23 1HA

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.

PROPOSED NEW WELL LOCATION PLAT

045-23825

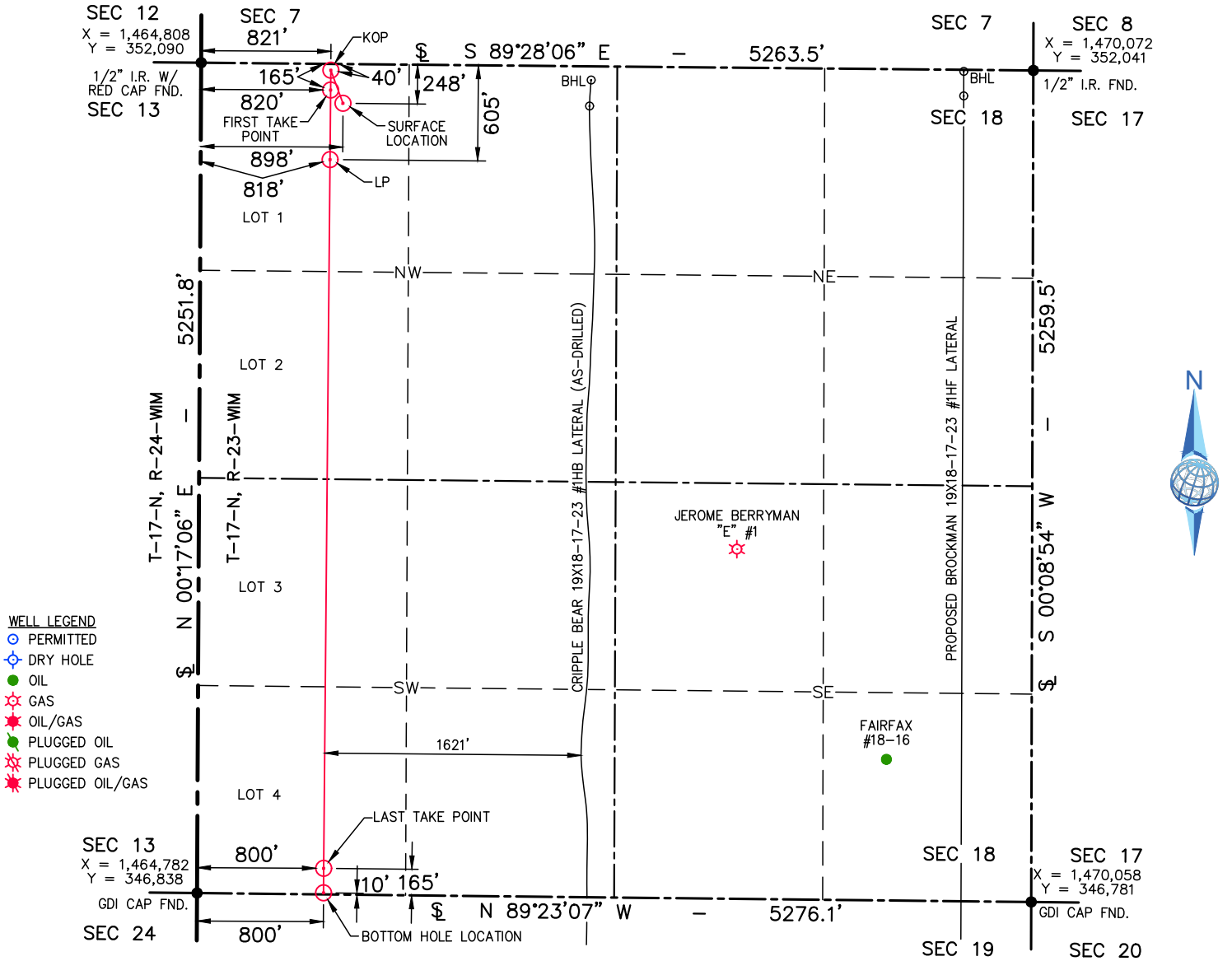
COMPANY FOURPOINT ENERGY, LLC LEASE BLUE GILL 18-17-23 WELL NO. 1HA  
SECTION 18 TOWNSHIP 17-N RANGE 23-WIM LOCATION 248' FNL 898' FWL  
COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION PASTURE  
LATITUDE 35°57'16.00" LONGITUDE -99°41'56.05" NAD83 ELEVATION 2388' NAVD88 DATE STAKED 4/3/19  
DIRECTION FROM NEAREST TOWN APPROXIMATELY 13.0 MILES SOUTHEAST OF ARNETT, OKLAHOMA

BLUE GILL 18-17-23 #1HA		
LINE	GRID AZ	DISTANCE
SL-KOP	339°52'	223'
KOP-FTP	180°31'	125'
FTP-LP	180°31'	440'
LP-LTP	180°31'	4483'
LTP-BHL	180°17'	155'

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 NAME	DISTANCE TO HORIZ.
JEROME BERRYMAN "E" #1	2595'
FAIRFAX #18-16	3553'

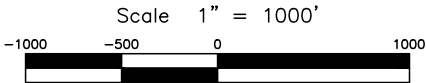


- WELL LEGEND
- PERMITTED
  - DRY HOLE
  - OIL
  - GAS
  - OIL/GAS
  - PLUGGED OIL
  - PLUGGED GAS
  - PLUGGED OIL/GAS

SURFACE LOCATION 248' FNL & 898' FWL OF SECTION 18	KOP 40' FNL & 821' FWL OF SECTION 18	FIRST TAKE POINT 165' FNL & 820' FWL OF SECTION 18	LP 605' FNL & 818' FWL OF SECTION 18	LAST TAKE POINT 165' FNL & 800' FWL OF SECTION 18	BOTTOM HOLE LOCATION 10' FNL & 800' FWL OF SECTION 18
NAD27: X = 1,497,308 Y = 351,805 35°57'15.83" -99°41'54.65" 35.9543972° -99.6985139° NAD83: X = 1,465,705 Y = 351,833 35°57'16.00" -99°41'56.05" 35.9544444° -99.6989028°	NAD27: X = 1,497,232 Y = 352,014 35°57'17.89" -99°41'55.62" 35.9549694° -99.6987833° NAD83: X = 1,465,629 Y = 352,042 35°57'18.05" -99°41'57.02" 35.9550139° -99.6991722°	NAD27: X = 1,497,230 Y = 351,889 35°57'16.65" -99°41'55.61" 35.9546250° -99.6987806° NAD83: X = 1,465,627 Y = 351,917 35°57'16.82" -99°41'57.02" 35.9546722° -99.6991722°	NAD27: X = 1,497,226 Y = 351,449 35°57'12.30" -99°41'55.57" 35.9534167° -99.6987694° NAD83: X = 1,465,623 Y = 351,477 35°57'12.46" -99°41'56.97" 35.9534611° -99.6991583°	NAD27: X = 1,497,186 Y = 346,968 35°56'27.98" -99°41'55.10" 35.9411056° -99.6986389° NAD83: X = 1,465,583 Y = 346,995 35°56'28.14" -99°41'56.50" 35.9411500° -99.6990278°	NAD27: X = 1,497,185 Y = 346,813 35°56'26.45" -99°41'55.08" 35.9406806° -99.6986333° NAD83: X = 1,465,582 Y = 346,840 35°56'26.61" -99°41'56.48" 35.9407250° -99.6990222°

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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: 4/8/19



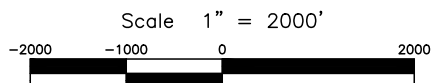
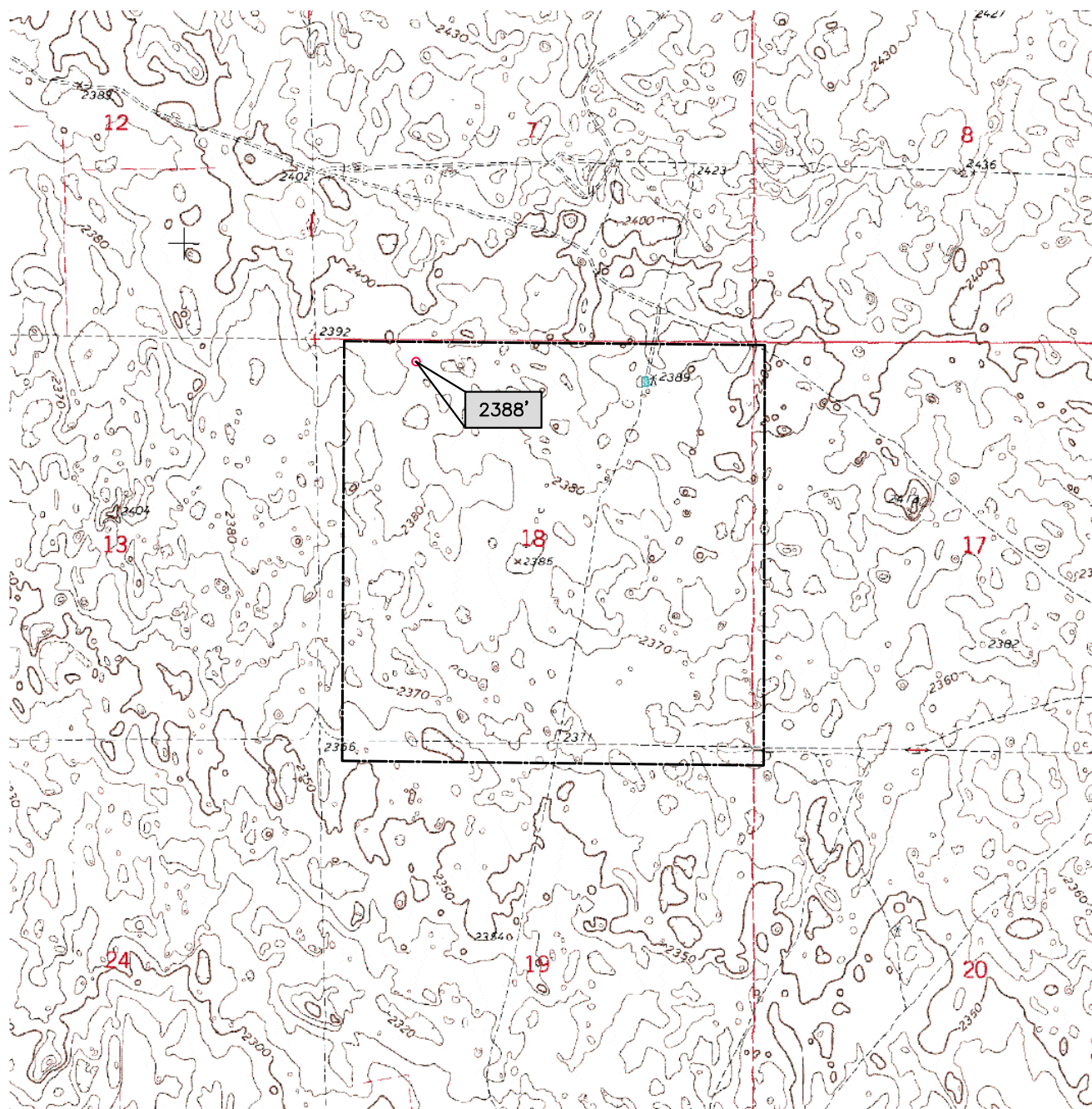
BLUE GILL 18-17-23 #1HA	
FIELD:	AH,KB,GPS
DRAWN:	MLS
DATE:	4/8/19
CHECKED:	CBM
SHEET:	1 OF 8
REVISION:	
ADD KOP & LP	6/11/19



JOB NO. C219-033-1.1

# ELEVATION VERIFICATION

COMPANY FOURPOINT ENERGY, LLC LEASE BLUE GILL 18-17-23 WELL NO. 1HA  
 SECTION 18 TOWNSHIP 17-N RANGE 23-WM LOCATION 248' FNL 898' FWL  
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION PASTURE  
 LATITUDE 35°57'16.00" LONGITUDE -99°41'56.05" NAD83 ELEVATION 2388' NAVD88 DATE STAKED 4/3/19  
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 13.0 MILES SOUTHEAST OF ARNETT, OKLAHOMA



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

BLUE GILL 18-17-23 #1HA	
FIELD:	AH,KB,GPS
DRAWN:	MLS
DATE:	4/8/19
CHECKED:	CBM
SHEET:	2 OF 8
REVISION:	

JOB NO. C219-033-2.1



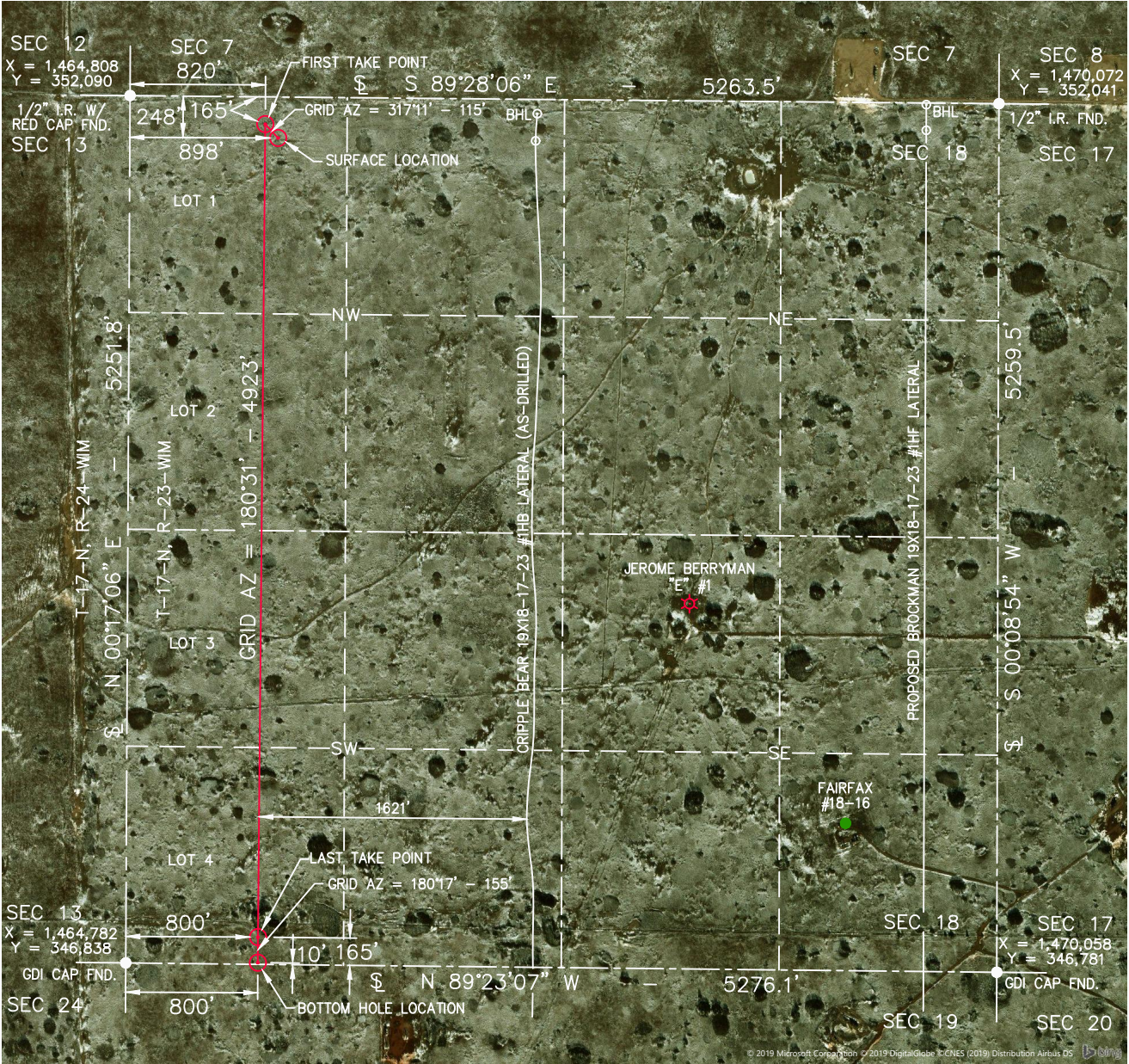
AERIAL PLAT

COMPANY FOURPOINT ENERGY, LLC LEASE BLUE GILL 18-17-23 WELL NO. 1HA  
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OKLAHOMA NORTH ZONE  
U.S. FEET

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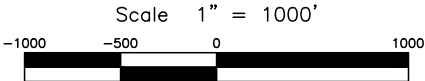
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WELL LEGEND

- 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

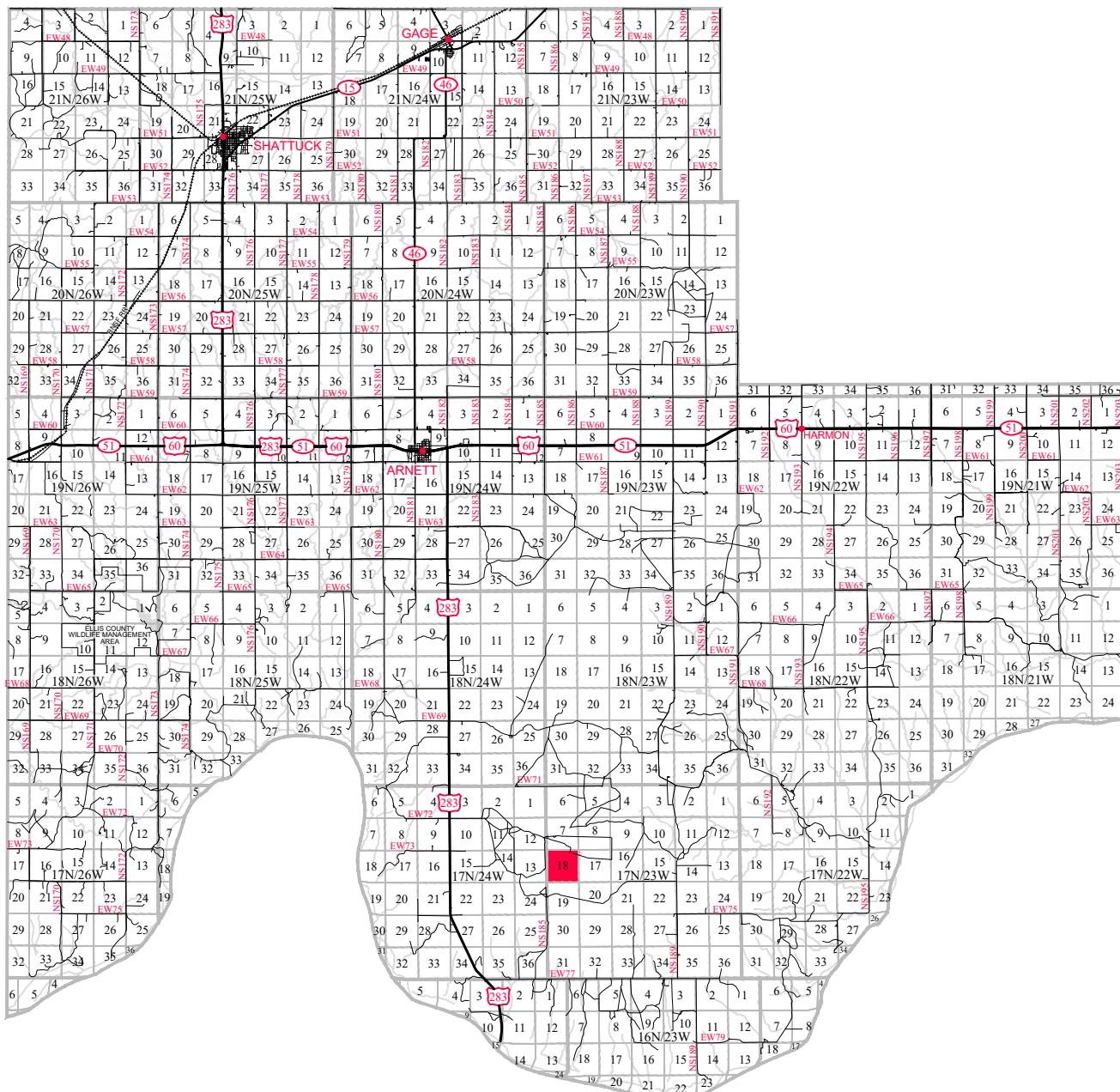
BLUE GILL 18-17-23 #1HA	
FIELD:	AH,KB,GPS
DRAWN:	MLS
DATE:	4/8/19
CHECKED:	CBM
SHEET:	3 OF 8
REVISION:	
ADD LATERAL	4/30/19

JOB NO. C219-033-3.1



# VICINITY MAP

COMPANY FOURPOINT ENERGY, LLC LEASE BLUE GILL 18-17-23 WELL NO. 1HA  
 SECTION 18 TOWNSHIP 17-N RANGE 23-WIM LOCATION 248' FNL 898' FWL  
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION PASTURE  
 LATITUDE 35°57'16.00" LONGITUDE -99°41'56.05" NAD83 ELEVATION 2388' NAVD88 DATE STAKED 4/3/19  
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BLUE GILL 18-17-23 #1HA	
FIELD:	AH,KB,GPS
DRAWN:	MLS
DATE:	4/8/19
CHECKED:	CBM
SHEET:	4 OF 8
REVISION:	

JOB NO. C219-033-4.1

# PROPOSED PAD SITE PLAT

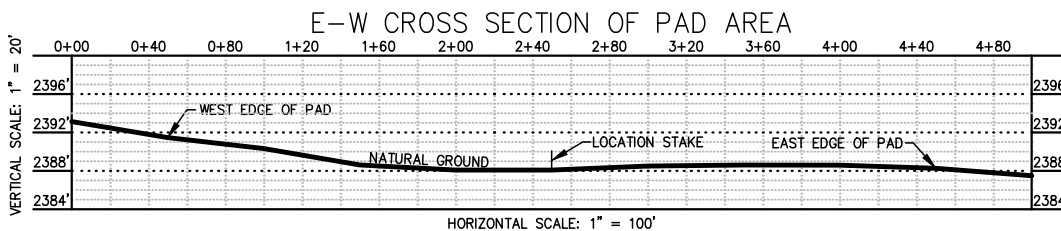
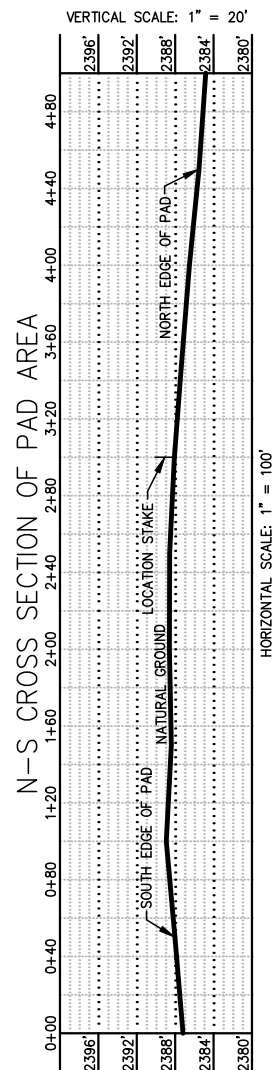
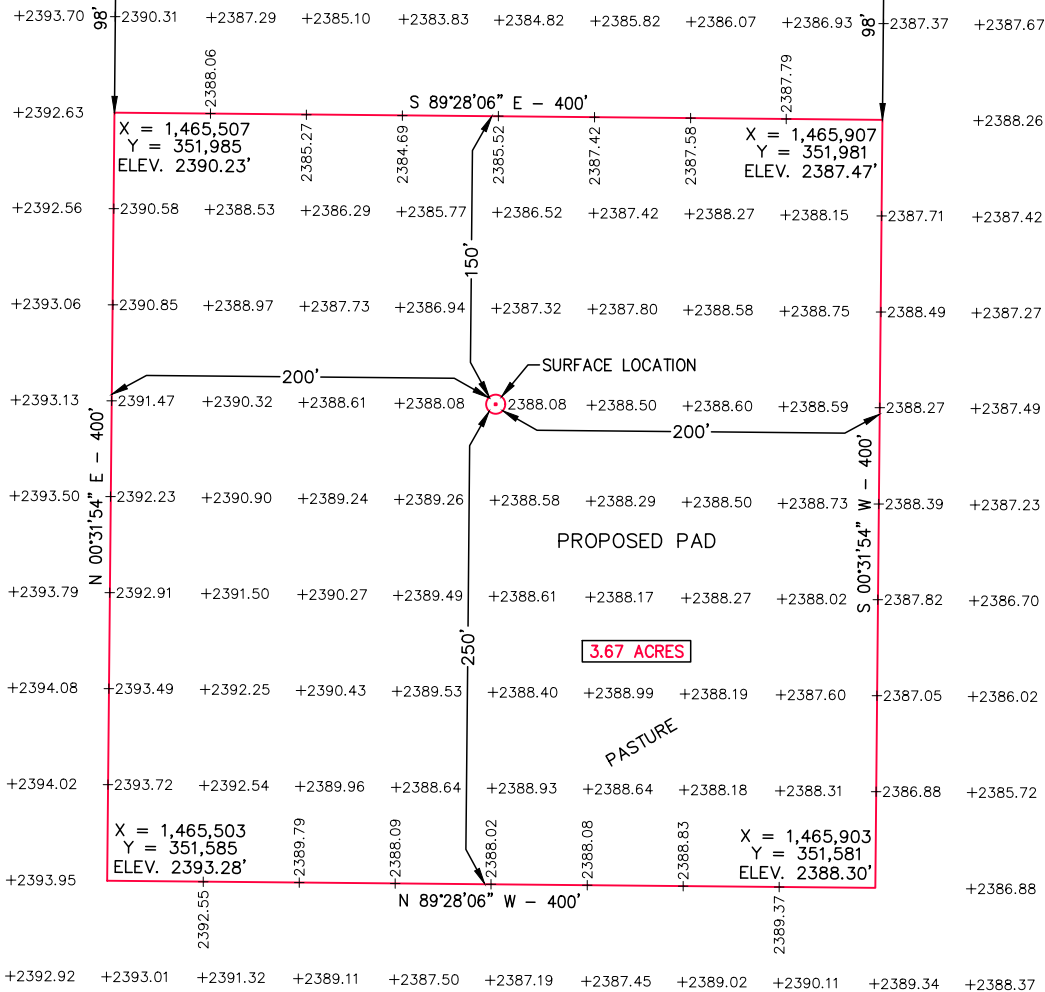
SEC 7

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

SECTION LINE  
SEC 18

FENCE LINE

§ S 89°28'06" E

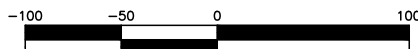


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BLUE GILL 18-17-23 #1HA  
SURFACE LOCATION  
248' FNL & 898' FWL OF SECTION 18  
X = 1,465,705  
Y = 351,833  
35°57'16.00"  
-99°41'56.05"  
35.95444444  
-99.6989028"  
ELEV. 2388' MSL

Scale 1" = 100'



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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

BLUE GILL 18-17-23 #1HA	
FIELD:	KB,AH,GPS
DRAWN:	MLS
DATE:	4/9/19
CHECKED:	CBM
SHEET:	5 OF 8
REVISION:	



JOB NO. C219-033-5.1

# PROPOSED PAD SITE EXISTING ELEVATION PLAT

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

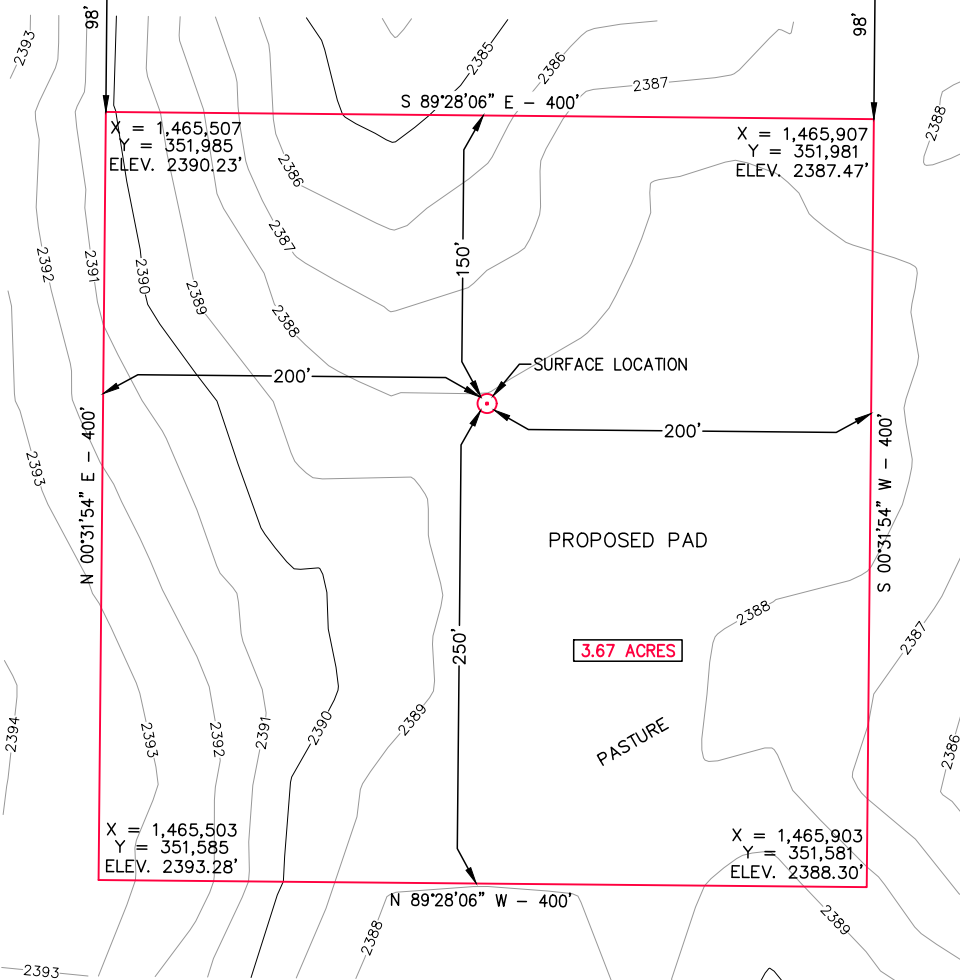
SEC 7

SECTION LINE

SEC 18

FENCE LINE

S 89°28'06" E

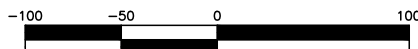


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BLUE GILL 18-17-23 #1HA	
FIELD:	KB,AH,GPS
DRAWN:	MLS
DATE:	4/30/19
CHECKED:	CBM
SHEET:	6 OF 8
REVISION:	



JOB NO. C219-033-6.1



# PROPOSED PAD SITE DESIGN ELEVATION PLAT

SEC 7

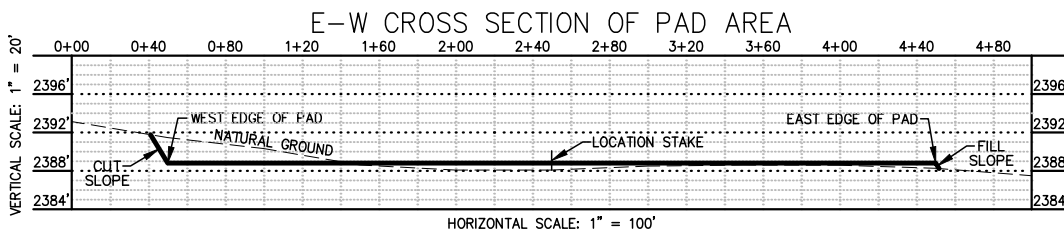
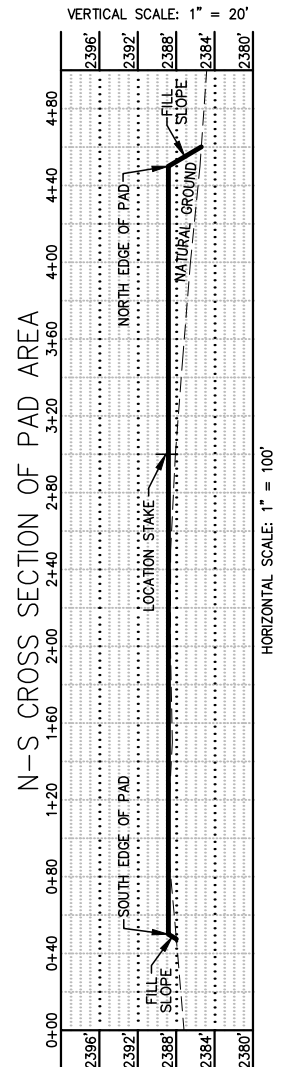
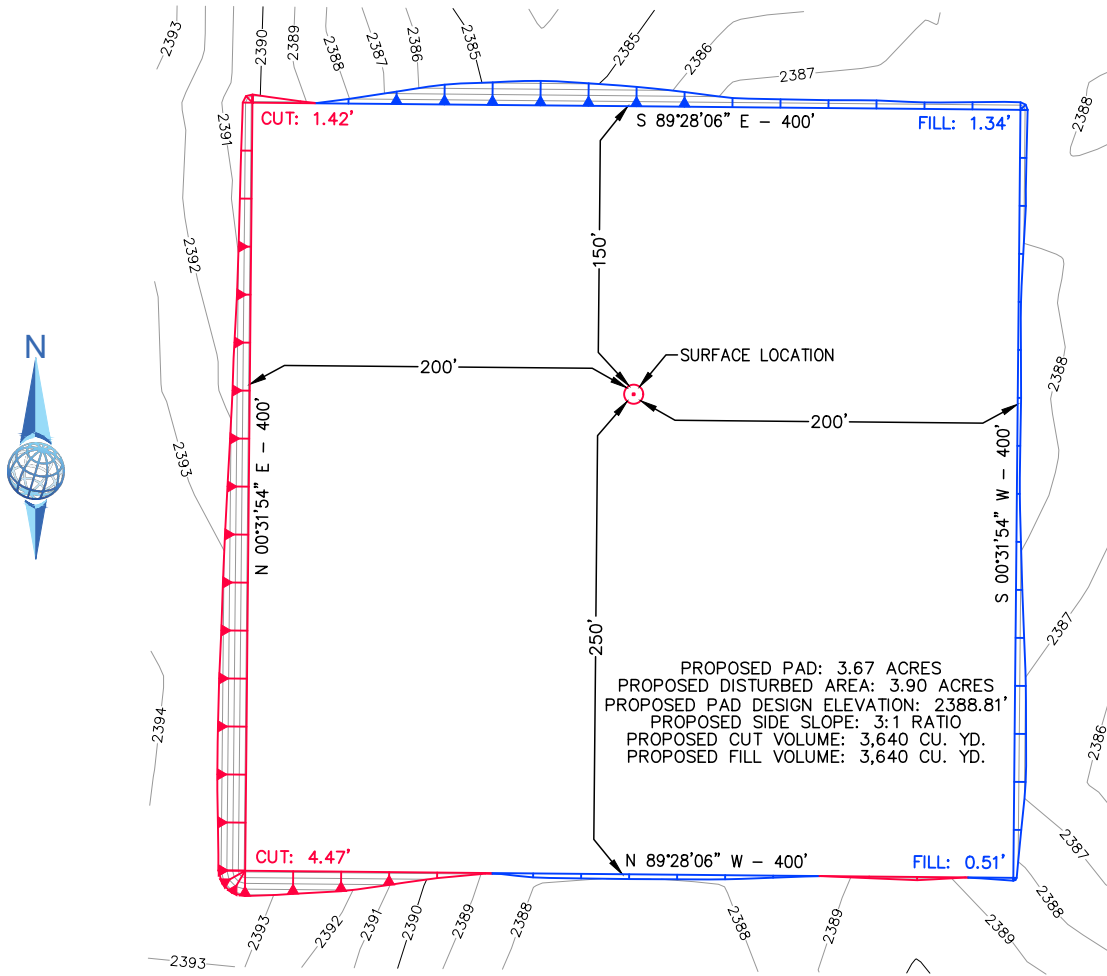
T-17-N, R-23-WIM  
ELLIS COUNTY, OKLAHOMA

SECTION LINE

FENCE LINE

§ S 89°28'06" E

SEC 18

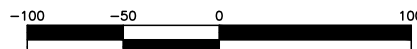


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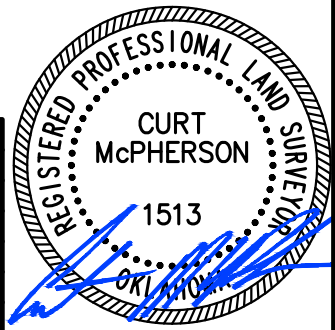
105 HACKBERRY TRAIL • CANADIAN, TX 79014  
(806) 323-9773 • TEXAS FIRM NO. 10010100  
CERT. OF AUTH. NO. 7796, EXP. JUNE 30, 2020



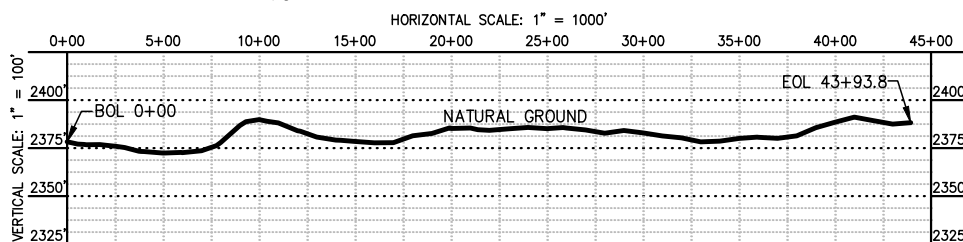
**FOURPOINT**  
ENERGY

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

BLUE GILL 18-17-23 #1HA	
FIELD:	KB,AH,GPS
DRAWN:	MLS
DATE:	4/9/19
CHECKED:	CBM
SHEET:	7 OF 8
REVISION:	



JOB NO. C219-033-7.1

[illegible]

**NOT TO SCALE**

CLEARING AND GRUBBING WIDTH = 36'(11m) TYP.

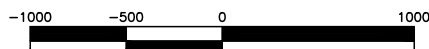
The diagram illustrates a typical road cross-section with the following dimensions and labels:

- SEEDING**: Areas on the far left and right edges.
- SUBGRADE WIDTH**: The central width of the subgrade, divided into two **SINGLE LANE** sections.
- 6.6'(2m)**: The width of each single lane.
- 1' (.3m)**: The width of the ditch on each side of the subgrade.
- 3%**: The slope percentage for the ditch sections.
- 3:1**: The slope ratio for the ditch sections.
- 1'(0.3m) DEPTH TYP.**: The typical depth of the ditch.
- SUBGRADE**: The central horizontal line representing the subgrade.
- AGGREGATE SURFACE COURSE WHERE REQ'D (SEE WORKLIST)**: The top surface of the road.
- TOE OF FILL**: The outer edge of the fill material.
- 3:1 FILL SLOPE (SEE SLOPE SCHEDULE FOR SLOPE PIFFS)**: The slope ratio for the fill material.
- TYPICAL DITCH SECTION**: The left half of the cross-section.
- TYPICAL FILL SECTION**: The right half of the cross-section.

**NOTE:**

1. 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.
2. 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.
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.

Scale 1" = 1000'



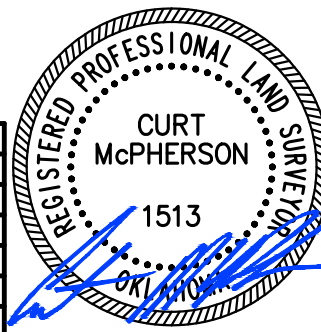
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SHEET/JOB NO.	4/30/19



JOB NO.	C219-033-8.1
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