API NUMBER: 045 23826

Oil & Gas

Horizontal Hole

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

Approval Date: 12/16/2019
Expiration Date: 06/16/2021

249 feet from nearest unit or lease boundary.

23429 0

OTC/OCC Number:

PERMIT TO DRILL

							<u>1 </u>		DITTLE
WELL LOCATION:	Sec: 18	Twp: 17N	Rge:	23W	County	: ELLI	S		
SPOT LOCATION:	NW NE	NE	NE	FEET FROM (QUARTER:	FROM	NORTH	FROM	EAST
				SECTION LIN	ES:		249		630
Lease Name:	BLUE GILL 18-1	17-23			We	ell No:	2HD		
Operator Name:	FOURPOINT	ENERGY LL	.c				Teleph	ione:	3032900990

CRIPPLE BEAR, LLC

Well will be

1955 CYPRESS RIDGE TERRACE, UNIT 1012

LEESBURG VA 20176

FOURPOINT ENERGY LLC 100 SAINT PAUL ST STE 400

DENVER, CO 80206-5140

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

	Name	Depth	Name	De	epth
1	CLEVELAND	9340	6		
2			7		
3			8		
4			9		
5			10		
Spacing Orders:	678128	Location Exception Orders: 70	06136	Increased Density Orders:	705972

Pending CD Numbers: Special Orders:

Total Depth: 14884 Ground Elevation: 2394 **Surface Casing: 860** Depth to base of Treatable Water-Bearing FM: 710

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 D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-37077

Chlorides Max: 40000 Average: 5000 H. SEE MEMO

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

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** SE Spot Location of End Point: SE SW SF Feet From: SOUTH 1/4 Section Line: 10 EAST Feet From: 1/4 Section Line: 940

Depth of Deviation: 9154
Radius of Turn: 510
Direction: 182
Total Length: 4929

Measured Total Depth: 14884

True Vertical Depth: 9682

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; 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

INCREASED DENSITY - 705972 (201905188) 12/16/2019 - GB6 - 18-17N-23W

X678128 CLVD 2 WELLS

FOURPOINT ENERGY, LLC

12/05/2019

LOCATION EXCEPTION - 706136

(201905133)

12/16/2019 - GB6 - (I.O.) 18-17N-23W

X678128 CLVD

COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL

12/10/2019

MEMO 11/26/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2

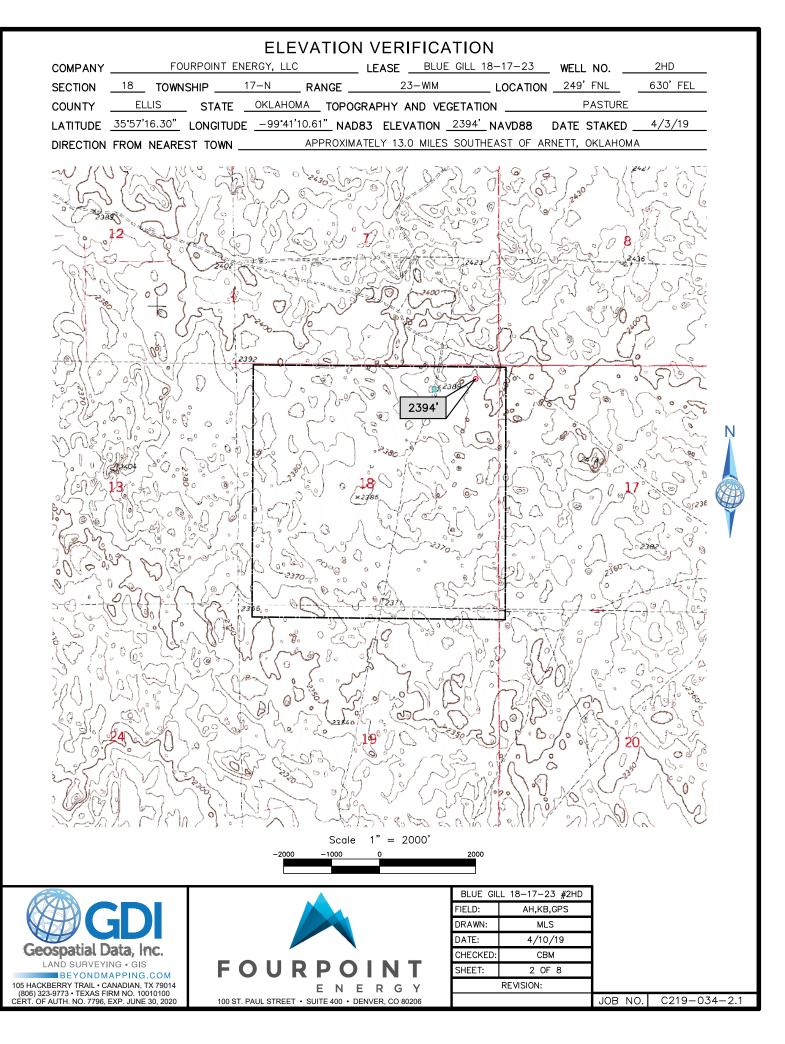
- OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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. 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.

045 23826 BLUE GILL 18-17-23 2HD



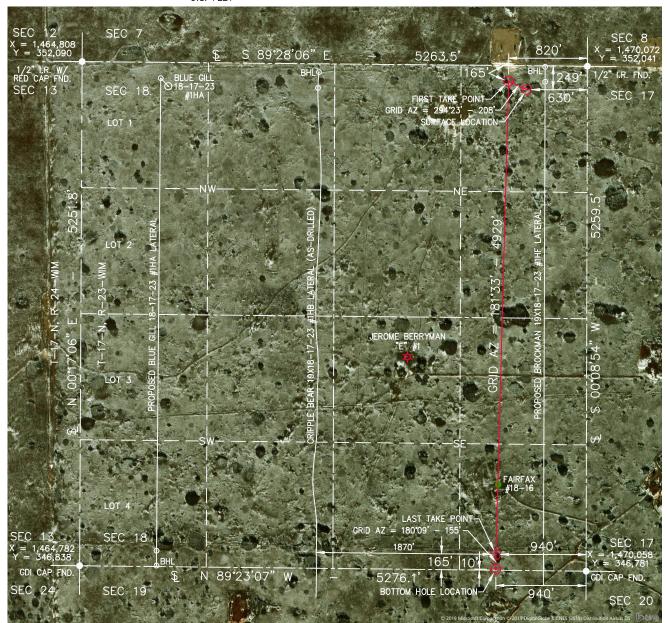
AERIAL PLAT

COMPANY		FOURPOINT	ENERGY, LL	_C	LEASE _	BLUE GILL	_ 18-17-23	_ WELL NO	2HD
SECTION	18T	OWNSHIP	17-N	RANGE	23	-WIM	LOCATION	N249' FNL	630' FEL
COUNTY	ELLIS	STATE	OKLAH	OMA TOPOGE	RAPHY AI	ND VEGETA	TION	PASTURE	
LATITUDE	35°57'16.3	 30 <u>"</u> LONGITU	DE99°4	 1'10.61"_ NAD8	3 ELEVA	TION _239	4' NAVD88	DATE STAKED _	4/3/19
		AREST TOWN				-		RNETT, OKLAHOMA	

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	977'
FAIRFAX #18-16	4'



SURFACE LOCATION OF SECTION 18

NAD27: (= 1,501,044 Y = 351,770 35'57'16.13" -99'41'09.20" 35.9544806' 35,9544806*
-99.685889*
NAD83:
X = 1,469,441
Y = 351,798
35'57'16.30"
-99'41'10.61"
35,9545278*
-99.6862806* 165' FNL & 820' FEL OF SECTION 18 DF SECTION 18
NAD27:

X = 1,500,854
Y = 351,856
35'57'16.95"
-99'41'11.53"
35.9547083'
-99.6865361
X = 1,469,251
Y = 351,884
35'57'17.11"
-99'41'12.93"
35.9547528'
-99.6869250'

FIRST TAKE POINT

LAST TAKE POINT 165' FSL & 940' F OF SECTION 18

DF SECTION 18
NAD27:

X = 1,500,721
Y = 346,930
35'56'28.21"
-99'41'12.11"
35.9411694'
-99.6866972:
NAD83:
X = 1,469,118
Y = 346,951
35'56'28.37"
-99'41'13.51"
35.9412139'
-99.6870861'

BOTTOM HOLE LOCATION of Section 18

OF SECTION 18

NAD27:
X = 1,500,721
Y = 346,775
35'56'26.68"
-99'41'12.08"
35.9407444'
-99.6866889:
NAD83:
X = 1,469,118
Y = 346,802
35'56'26.84"
-99'41'13.48"
35.9407889'
-99.6870778'

🜣 GAS 🛊 OIL/GAS PLÚGGED OIL PLUGGED GAS * PLUGGED OIL/GAS

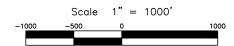
WELL LEGEND PERMITTED DRY HOLE • OIL

- 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 XY 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.

 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.





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



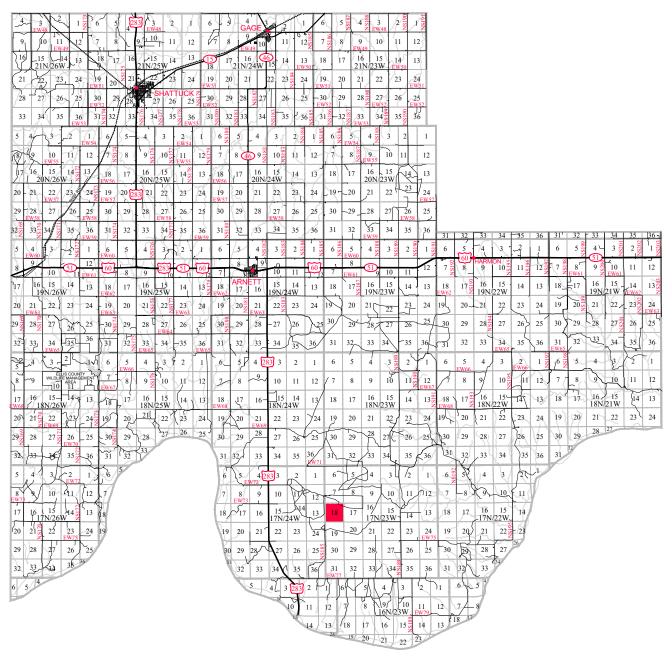
BLUE GILL 18-17-23 #2HD						
FIELD:	AH,KB,GPS					
DRAWN:	MLS					
DATE:	4/10/19					
CHECKED:	СВМ					
SHEET:	3 OF 8					
REVISION:						
4DD 14	TERAL 4/30/19					

JOB NO. C219-034-3.1



VICINITY MAP

COMPANY		FOURPOINT E	NERGY, LLC	ι	_EASE	BLUE GILL	18-17-23	_ WELL NO	2HD
SECTION	<u>18</u> T	OWNSHIP	17-N	RANGE	23-	WIM	_ LOCATION	249' FNL	630' FEL
COUNTY	ELLIS	STATE	OKLAHOM	A TOPOGR	APHY ANI) VEGETATI	ON	PASTURE	
LATITUDE	35°57'16.3	30" LONGITUE	DE99*41'10	0.61" NAD83	3 ELEVAT	ION _2394'	_NAVD88	DATE STAKED	4/3/19
DIRECTION	FROM NE	AREST TOWN		APPROXIMAT	ELY 13.0 I	MILES SOUTH	HEAST OF A	RNETT. OKLAHOMA	



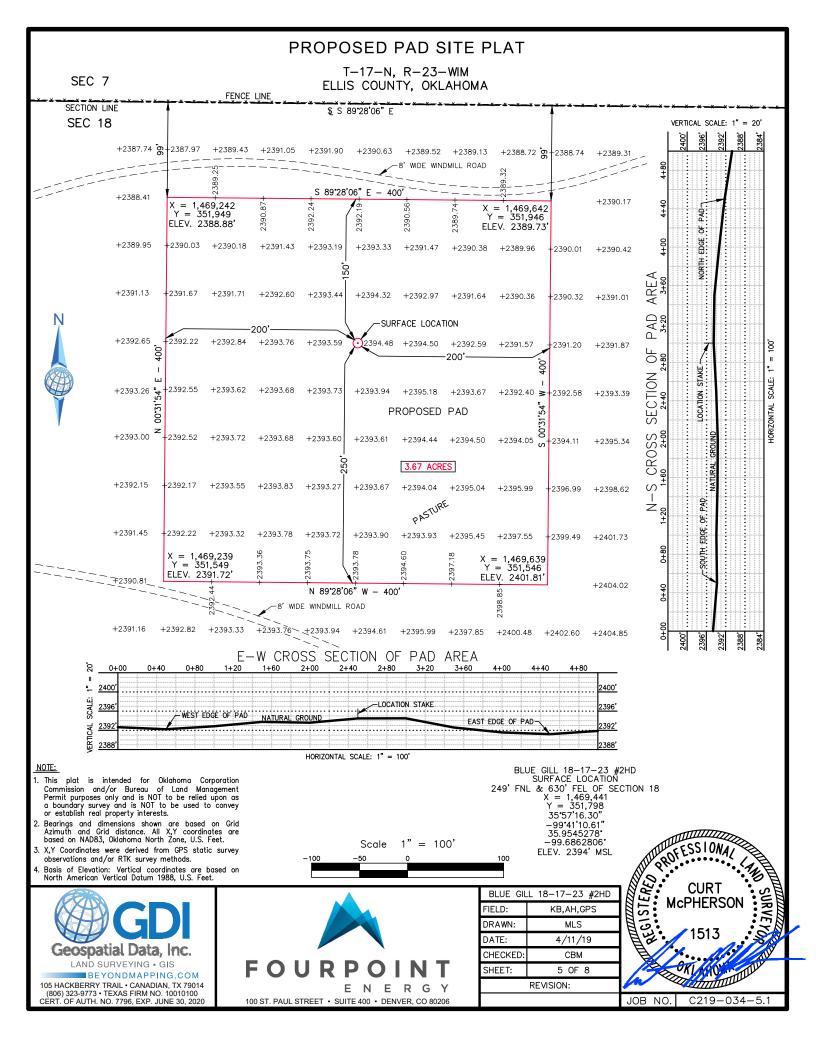




BLUE GILL 18-17-23 #2HD						
FIELD:	AH,KB,GPS					
DRAWN:	MLS					
DATE:	4/10/19					
CHECKED:	СВМ					
SHEET:	4 OF 8					
	REVISION:					

JOB NO. C219-034-4.1

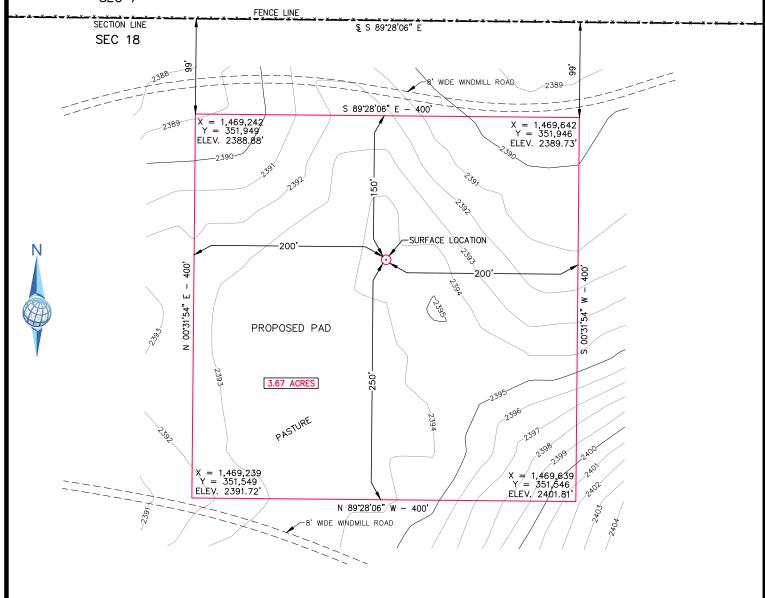




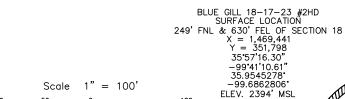
PROPOSED PAD SITE EXISTING ELEVATION PLAT

T-17-N, R-23-WIMELLIS COUNTY, OKLAHOMA

SEC 7



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- 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.
- $\rm X, Y$ 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.
- Contour intervals are 1.0 foot.

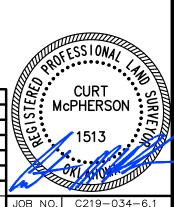


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BLUE GIL	L 18-17-23 #2HD	L		
FIELD:	KB,AH,GPS			
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CHECKED:	СВМ			
SHEET:	6 OF 8			
	REVISION:	4		



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Geospatial Data, Inc. LAND SURVEYING . GIS

> JOB NO. 100 ST. PAUL STREET

