

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

API NUMBER: 045 23818

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 ☐ NW ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 427 380

Lease Name: SPOONBILL 20X17-17-23

Well No: 1HA

Well will be 380 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: 201904375  
201904374

Special Orders:

Total Depth: 20261

Ground Elevation: 2334

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: 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: 19-37045

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 NW NW

Feet From: NORTH 1/4 Section Line: 10

Feet From: WEST 1/4 Section Line: 1025

Depth of Deviation: 9303

Radius of Turn: 491

Direction: 5

Total Length: 10186

Measured Total Depth: 20261

True Vertical Depth: 9657

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 - 201904374

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 - 201904375

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' FWL  
COMPL. INT. (17-17N-23W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL  
NO OP. NAMED  
REC. 9/30/2019 (JOHNSON)

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

045 23818 SPOONBILL 20X17-17-23 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.

SPACING - 704039

11/1/2019 - GB1 - (640)(HOR) 17 & 20-17N-23W  
EXT 637222 CLVD, OTHER  
EST OTHER  
EXT OTHER  
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.

COMPANYFOURPOINT ENERGY, LLCLEASESPOONBILL 20X17-17-23WELL NO.1HA

SECTION29TOWNSHIP17-NRANGE23-WIMLOCATION427' FNL380' FWL

COUNTYELLISSTATEOKLAHOMATOPOGRAPHY AND VEGETATIONSANDHILLS

LATITUDE35°55'30.58"LONGITUDE-99°40'56.52"NAD83ELEVATION2334'NAVD88DATE STAKED2/5/19

DIRECTION FROM NEAREST TOWNAPPROXIMATELY 15.5 MILES SOUTHEAST OF ARNETT, OKLAHOMA

BOTTOM HOLE LOCATION  
10' FNL & 1025' FWL  
OF SECTION 17

NAD27:  
X = 1,502,699  
Y = 351,990  
35°57'18.59"  
-99°40'49.12"  
35.9551639°  
-99.6803111°  
NAD83:  
X = 1,471,096  
Y = 352,018  
35°57'18.76"  
-99°40'50.52"  
35.9552111°  
-99.6807000°

LAST TAKE POINT  
165' FNL & 1025' FWL  
OF SECTION 17

NAD27:  
X = 1,502,699  
Y = 351,835  
35°57'17.06"  
-99°40'49.09"  
35.9547389°  
-99.6803028°  
NAD83:  
X = 1,471,096  
Y = 351,863  
35°57'17.22"  
-99°40'50.49"  
35.9547833°  
-99.6806917°

FIRST TAKE POINT  
165' FSL & 770' FWL  
OF SECTION 20

NAD27:  
X = 1,502,409  
Y = 341,649  
35°55'36.28"  
-99°40'50.47"  
35.9267444°  
-99.6806861°  
NAD83:  
X = 1,470,806  
Y = 341,676  
35°55'36.44"  
-99°40'51.87"  
35.9267889°  
-99.6810750°

SURFACE LOCATION  
427' FNL & 380' FWL  
OF SECTION 29

NAD27:  
X = 1,502,017  
Y = 341,063  
35°55'30.42"  
-99°40'55.12"  
35.9251167°  
-99.6819778°  
NAD83:  
X = 1,470,414  
Y = 341,090  
35°55'30.58"  
-99°40'56.52"  
35.9251611°  
-99.6823667°

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

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(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

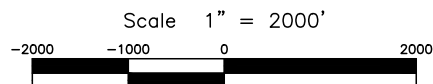
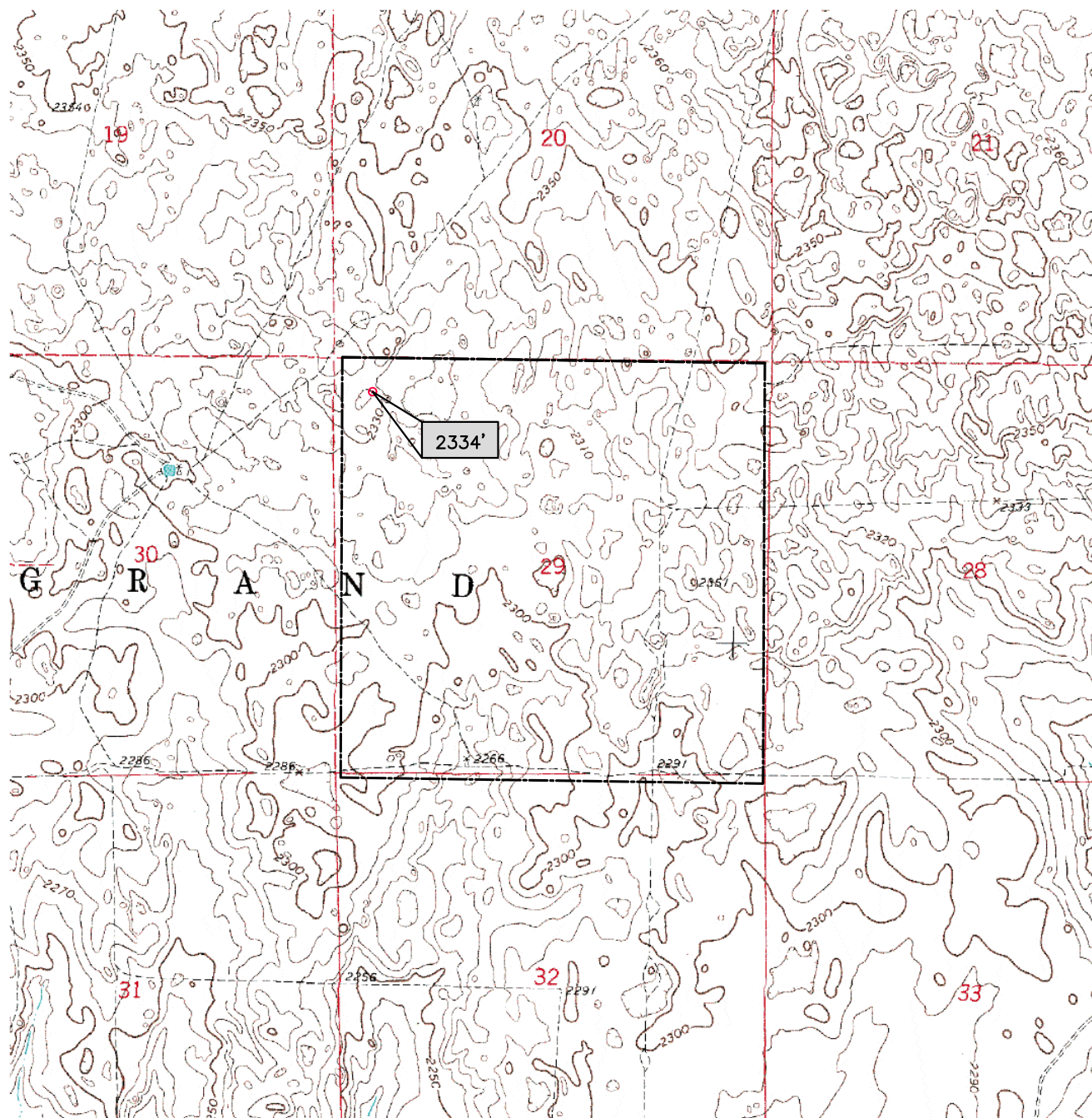
SPOONBILL 20X17-17-23 #1HA	
FIELD:	KB,AH,GPS
DRAWN:	CT
DATE:	2/12/19
CHECKED:	MLS
SHEET:	1 OF 8
REVISION:	



JOB NO. C219-035-1

# ELEVATION VERIFICATION

COMPANY FOURPOINT ENERGY, LLC LEASE SPOONBILL 20X17-17-23 WELL NO. 1HA  
 SECTION 29 TOWNSHIP 17-N RANGE 23-WIM LOCATION 427' FNL 380' FWL  
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION SANDHILLS  
 LATITUDE 35°55'30.58" LONGITUDE -99°40'56.52" NAD83 ELEVATION 2334' NAVD88 DATE STAKED 2/5/19  
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 15.5 MILES SOUTHEAST OF ARNETT, OKLAHOMA



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**FOURPOINT**  
ENERGY

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

SPOONBILL 20X17-17-23 #1HA	
FIELD:	KB,AH,GPS
DRAWN:	CT
DATE:	2/12/19
CHECKED:	MLS
SHEET:	2 OF 8
REVISION:	

JOB NO. C219-035-2



AERIAL PLAT

COMPANY FOURPOINT ENERGY, LLC LEASE SPOONBILL 20X17-17-23 WELL NO. 1HA  
SECTION 29 TOWNSHIP 17-N RANGE 23-WIM LOCATION 427' FNL 380' FWL  
COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION SANDHILLS  
LATITUDE 35°55'30.58" LONGITUDE -99°40'56.52" NAD83 ELEVATION 2334' NAVD88 DATE STAKED 2/5/19  
DIRECTION FROM NEAREST TOWN APPROXIMATELY 15.5 MILES SOUTHEAST OF ARNETT, OKLAHOMA

BOTTOM HOLE LOCATION  
10' FNL & 1025' FWL  
OF SECTION 17

NAD27:  
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35°57'18.59"  
-99°40'49.12"  
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-99.6803111°  
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165' FNL & 1025' FWL  
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35.9547833°  
-99.6806917°

FIRST TAKE POINT  
165' FSL & 770' FWL  
OF SECTION 20

NAD27:  
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X = 1,470,414  
Y = 341,090  
35°55'30.58"  
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-99.6823667°

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

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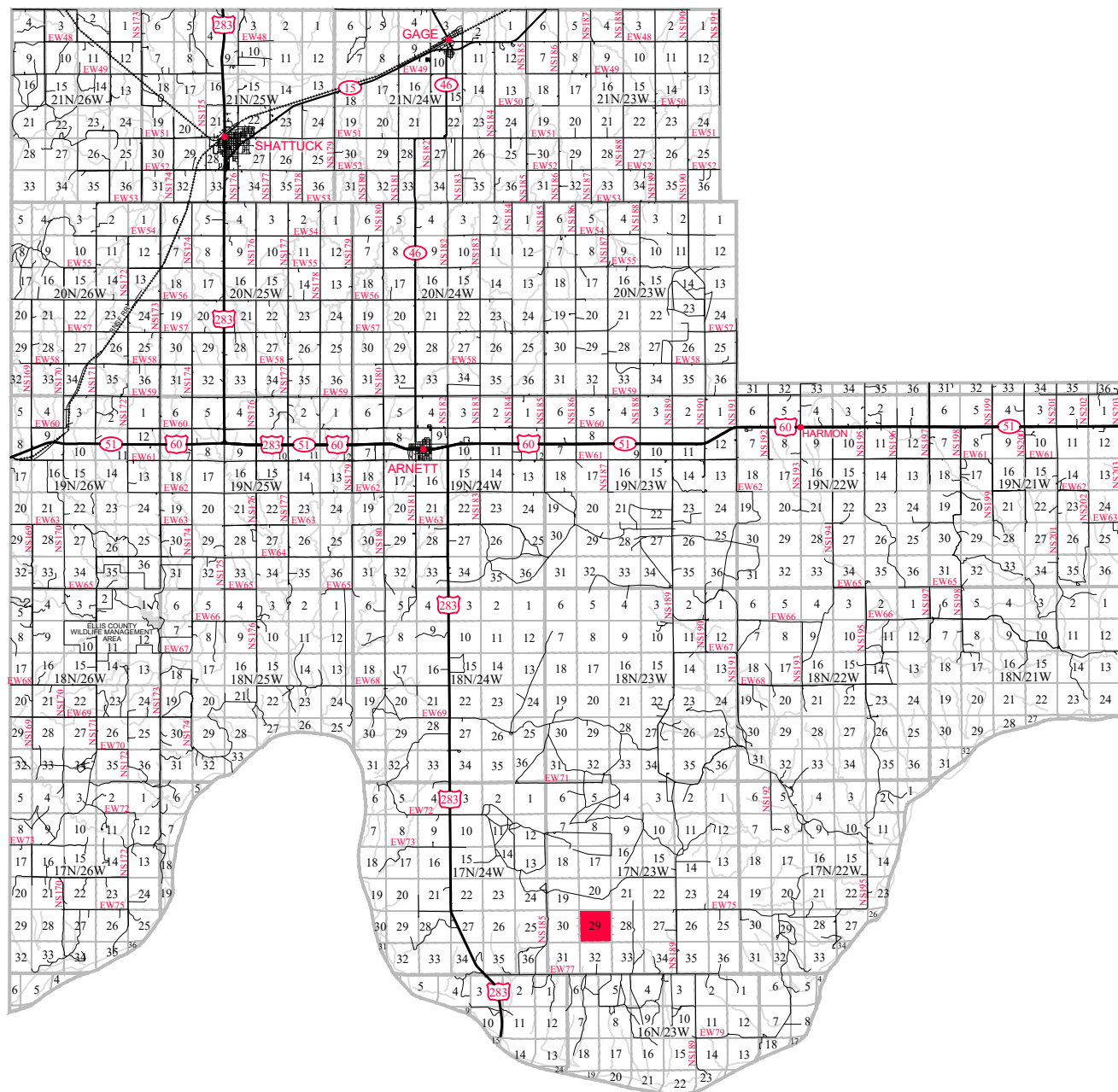
SPOONBILL 20X17-17-23 #1HA	
FIELD:	KB,AH,GPS
DRAWN:	CT
DATE:	2/12/19
CHECKED:	MLS
SHEET:	3 OF 8
REVISION:	
ADD LATERAL	4/24/19

JOB NO. C219-035-3



# VICINITY MAP

COMPANY FOURPOINT ENERGY, LLC LEASE SPOONBILL 20X17-17-23 WELL NO. 1HA  
 SECTION 29 TOWNSHIP 17-N RANGE 23-WIM LOCATION 427' FNL 380' FWL  
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION SANDHILLS  
 LATITUDE 35°55'30.58" LONGITUDE -99°40'56.52" NAD83 ELEVATION 2334' NAVD88 DATE STAKED 2/5/19  
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 15.5 MILES SOUTHEAST OF ARNETT, OKLAHOMA



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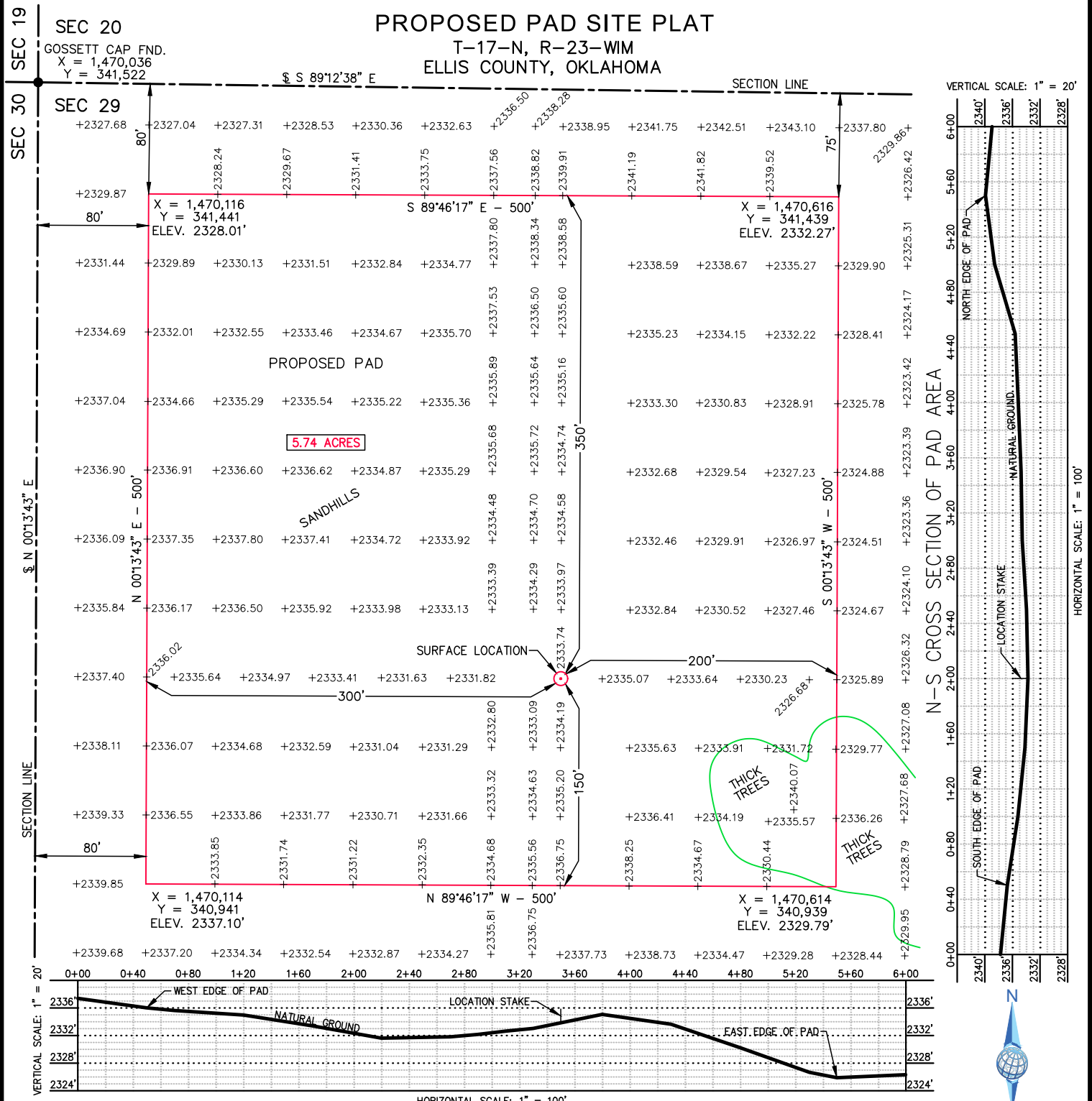


**FOURPOINT**  
 ENERGY

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

SPOONBILL 20X17-17-23 #1HA	
FIELD:	KB,AH,GPS
DRAWN:	CT
DATE:	2/12/19
CHECKED:	MLS
SHEET:	4 OF 8
REVISION:	

JOB NO. C219-035-4



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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 #1HA  
SURFACE LOCATION  
427' FNL & 380' FWL OF SECTION 29  
X = 1,470,414  
Y = 341,090  
35°55'30.58"  
-99°40'56.52"  
35.9251611'  
-99.6823667'  
ELEV. 2334' MSL

Scale 1" = 100'

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

SPoonBILL 20X17-17-23 #1HA	
FIELD:	KB, AH, GPS
DRAWN:	CT
DATE:	2/12/19
CHECKED:	MLS
SHEET:	5 OF 8
REVISION:	

**REGISTERED PROFESSIONAL LAND SURVEYOR**  
**CURT McPHERSON**  
1513  
OKLAHOMA  
JOB NO. C219-035-5



# PROPOSED PAD SITE EXISTING ELEVATION PLAT

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

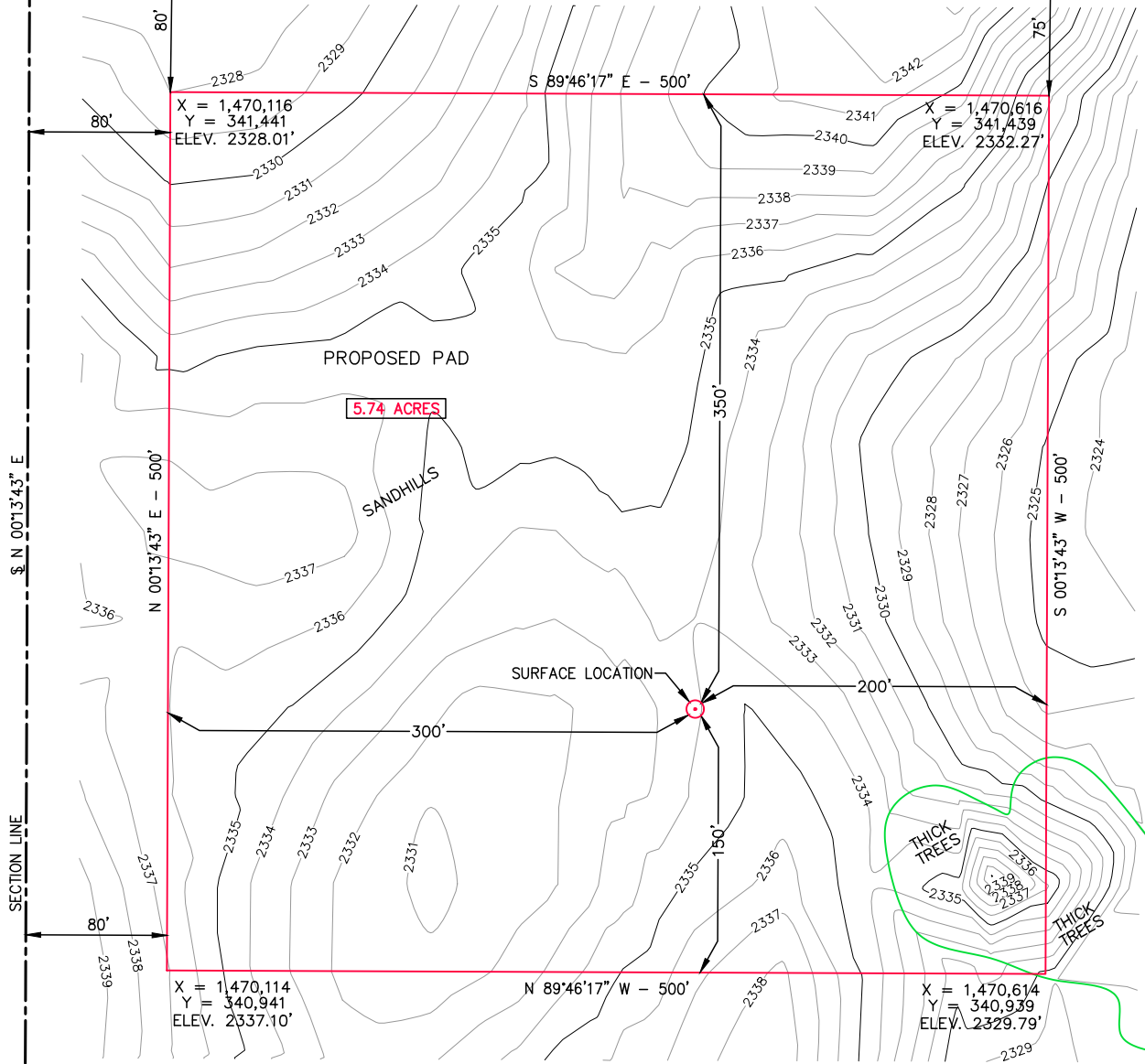
SEC 19 SEC 20

GOSSETT CAP FND.  
X = 1,470,036  
Y = 341,522

S 89°12'38" E

SECTION LINE

SEC 30 SEC 29

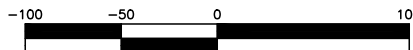


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5. Contour intervals are 1.0 foot.

SPOONBILL 20X17-17-23 #1HA  
SURFACE LOCATION  
427' FNL & 380' FWL OF SECTION 29  
X = 1,470,414  
Y = 341,090  
35°55'30.58"  
-99°40'56.52"  
35.9251611"  
-99.6823667"  
ELEV. 2334' MSL

Scale 1" = 100'



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FOURPOINT  
ENERGY

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

SPOONBILL 20X17-17-23 #1HA

FIELD:	KB,AH,GPS
DRAWN:	CT
DATE:	4/24/19
CHECKED:	MLS
SHEET:	6 OF 8
REVISION:	



JOB NO. C219-035-6

JOB NO.	C219-035-7
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SEC 24  
X = 1,464,756  
Y = 341,586

SEC 19

# PROPOSED ACCESS ROAD PLAT

SEC 19

GOSSETT CAP FND.  
X = 1,470,036  
Y = 341,522

SEC 20

SEC 25

SEC 30

PROPOSED NEW ROAD			
TRACT NO.	DESCRIPTION	FEET	RODS
TRACT 1	NW/4 SEC 29	80.6	4.9
TRACT 2	NE/4 SEC 30	986.8	59.8
TOTAL		1067.4	64.7

LOT 1

BERRYMAN  
19-17-23 #1H

SEE  
DETAIL

PROPOSED  
PAD

SEC 29

SANDHILLS

SPOONBILL  
20X17-17-23 #1HA  
WELL STAKE

**DETAIL**

SCALE: 1" = 400'



T-17-N, R-24-W

T-17-N, R-23-W

EXISTING LEASE ROAD

LOT 2

EOL 10+67.4 IS 908' WEST  
AND 508' SOUTH OF THE  
NE COR SEC 30.  
EOL: NAD83  
X = 1,469,122  
Y = 341,025

LOT 3

LOT 4

SEC 25  
X = 1,464,730  
Y = 336,335

SEC 30

SEC 36

SEC 31

S 89°13'06" E 5285.2'

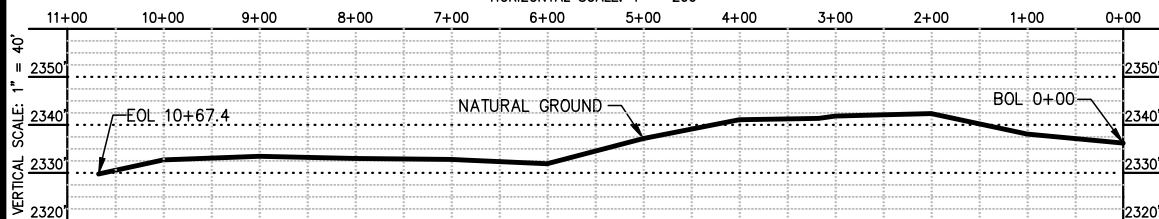
SEC 31

SEC 32

SEC 29  
X = 1,470,015  
Y = 336,263

1/2" I.R. FND.

HORIZONTAL SCALE: 1" = 200'

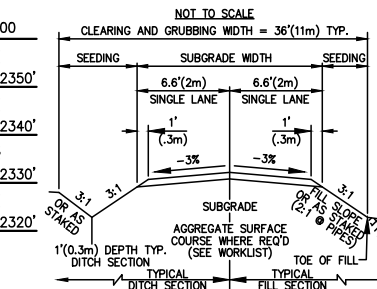
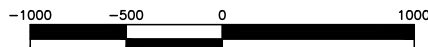


PROFILE OF PROPOSED ACCESS ROAD

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Scale 1" = 1000'



PROPOSED ACCESS ROAD  
CROSS SECTION



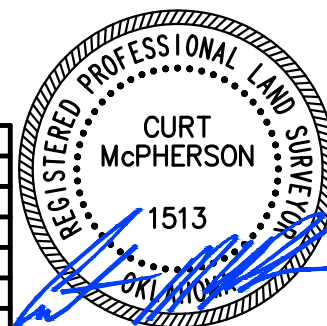
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**FOURPOINT**  
ENERGY

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

SPOONBILL 20X17-17-23 #1HA	
FIELD:	KB,AH,GPS
DRAWN:	CT
DATE:	2/12/19
CHECKED:	MLS
SHEET:	8 OF 8
REVISION:	
SHEET/JOB NO.	4/24/19



JOB NO. C219-035-8