

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

API NUMBER: 093 25184

Approval Date: 12/07/2018

Expiration Date: 06/07/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 20N Rge: 10W County: MAJOR

SPOT LOCATION: FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 265 1369

Lease Name: STARK 2010 Well No: 2-19MH Well will be 265 feet from nearest unit or lease boundary.

Operator Name: OKLAHOMA ENERGY ACQUISITIONS LP

Telephone: 2815300991

OTC/OCC Number: 23509 0

OKLAHOMA ENERGY ACQUISITIONS LP
15021 KATY FREEWAY STE 400
HOUSTON, TX 77094-1900

C 3 CATTLE COMPANY, LLC
259719 EAST COUNTY ROAD 55
ISABELLA OK 73747

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	7653	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 201807699

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201807701

Special Orders:

Total Depth: 12500

Ground Elevation: 1187

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 420

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: CEDAR HILLS

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

PERMIT NO: 18-35637

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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

The duration of this permit is SIX 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.

HORIZONTAL HOLE 1

Sec 19 Twp 20N Rge 10W County MAJOR

Spot Location of End Point: SE SE SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1101

Depth of Deviation: 6640

Radius of Turn: 573

Direction: 182

Total Length: 4960

Measured Total Depth: 12500

True Vertical Depth: 7653

End Point Location from Lease,

Unit, or Property Line: 0

Notes:

Category

Description

HYDRAULIC FRACTURING

11/2/2018 - 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

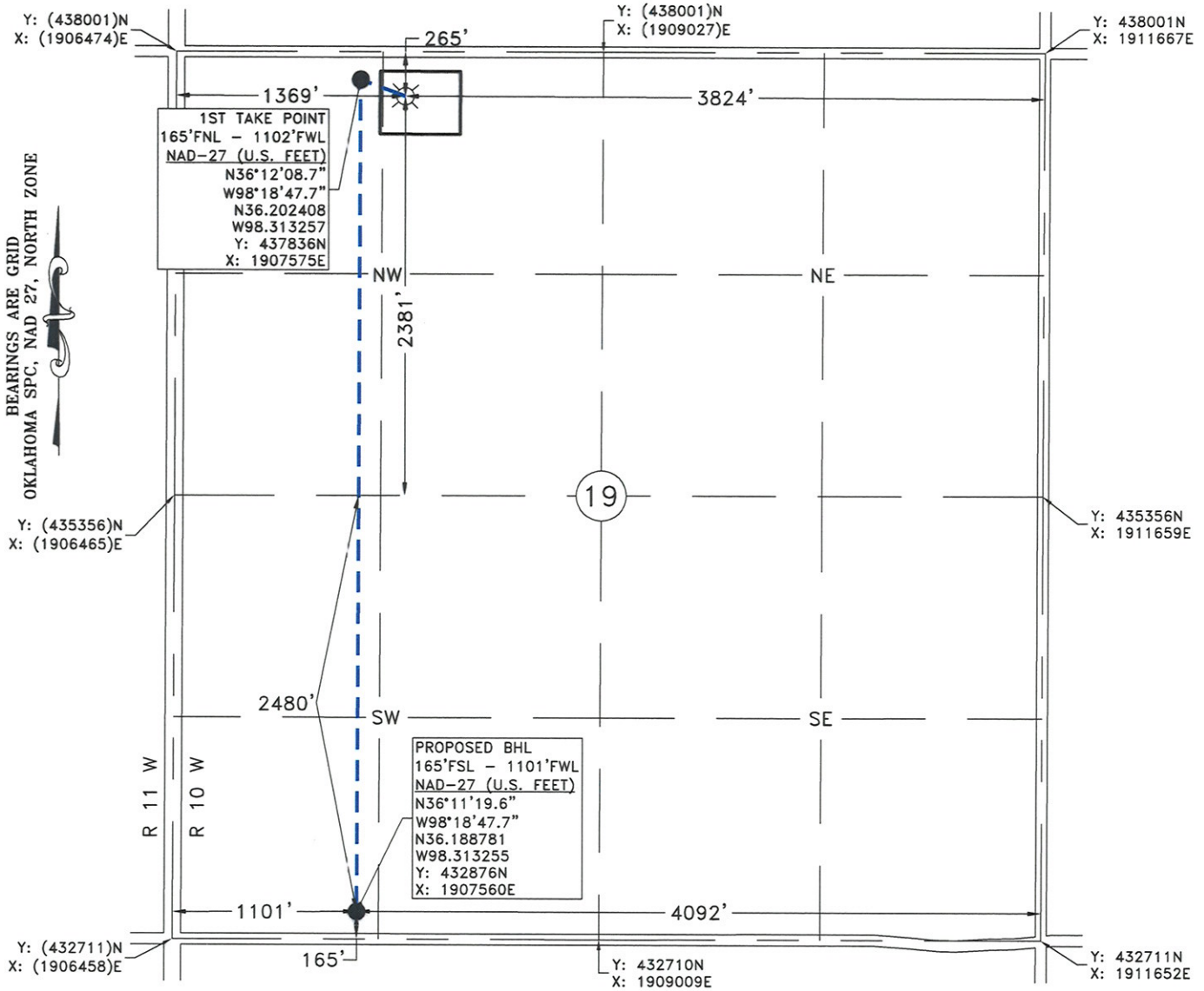
PENDING CD - 201807699

12/5/2018 - G58 - (640)(HOR) 19-20N-10W
EXT 653755 MSSP, OTHER
COMPL. INT. NLT 660' FB
(COEXIST SP ORDER 35526/167353 UNCCR S2; 87188 MPMC; 87188/93339 MNNG)
REC 12/3/2018 (DENTON)

PENDING CD - 201807701

12/5/2018 - G58 - (I.O.) 19-20N-10W
X201807699 MSSP
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FWL
NO OP. NAMED
REC 12/3/2018 (DENTON)

MAJOR _____ County, Oklahoma
 265'FNL - 1369'FWL Section 19 Township 20N Range 10W I.M.



FRED ANTHONY SELENSKY
 OKLAHOMA L.P.L.S. NO.: 1860

NOTE:
 This is a plat of a proposed well location and does not represent a true boundary survey. The information shown hereon shall not be relied upon for the location or establishment of land boundary lines. All of the positions shown hereon have not been verified as being actual Section, Quarter or Property corners. Positions shown in (Parentheses) are based upon local occupation and improvements or calculated per proportional measurement and/or G.L.O. record distances. Review this plat and notify Gateway Services Group, LLC immediately of any possible discrepancy.



Gateway
 Gateway Services Group, LLC

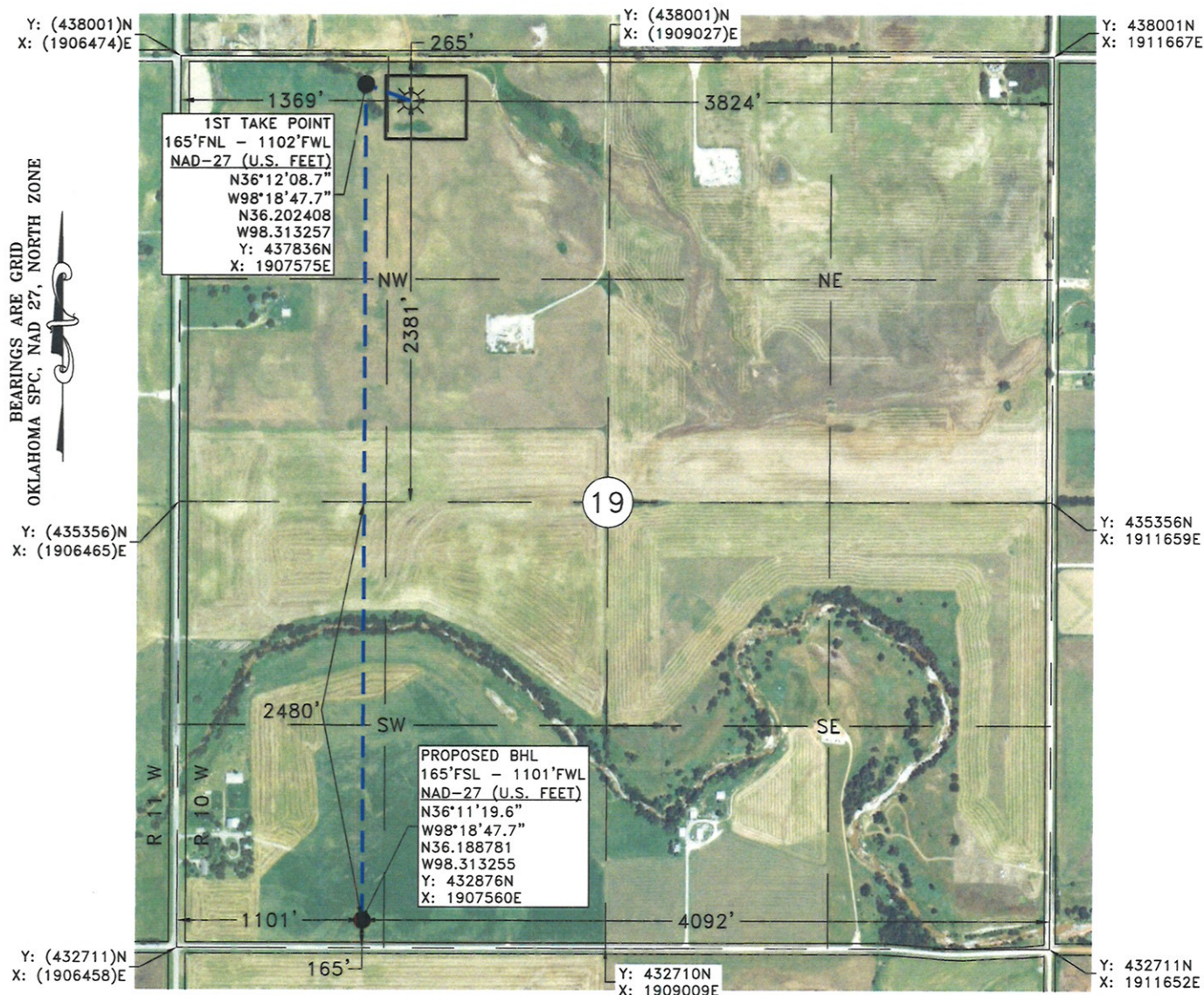
P.O. BOX 960
 MEEKER, OK 74855
 OFF. (405) 273-0954
 FAX (405) 273-0580
 C.A. NO. 4091 (LS)
 EXP. DATE 6-30-2020

EXHIBIT "A" PRELIMINARY

STARK 2010 2-19MH
 265'FNL - 1369'FWL
 SECTION 19, T 20 N - R 10 W, I.M.,
 MAJOR COUNTY, OKLAHOMA

DRAWN BY: JE		DATE: 10/4/18	CHK'D: CWP
GATEWAY NO.: 18-0640-501R1		SCALE: 1"=1000'	
PN:		AFE:	
REV.	DWN.	DESCRIPTION	DATE
1	JE	REVISED NAME AND LATERAL	10/11/18

MAJOR _____ County, Oklahoma
265'FNL - 1369'FWL Section 19 Township 20N Range 10W I.M.



GPS OBSERVATION: LATITUDE: N36°12'07.7"
LONGITUDE: W98°18'44.5"
LATITUDE: N36.202136
LONGITUDE: W98.312351

STATE PLANE NAD 27
OKLAHOMA NORTH ZONE
Y: 437736N
X: 1907842E

Operator: OKLAHOMA ENERGY ACQUISITIONS, LP

Date Staked: 10/3/2018

Lease Name: STARK 2010

Well No.: 2-19MH

Elevation: 1187'

Topography and Vegetation: CULTIVATION

Good Drill Site? YES

Reference or Alt. Location Stakes Set: NONE

Best Accessibility to Location: FROM COUNTY ROAD

Distance and Direction

from Hwy. Jct. or town: FROM ISABELLA, OK, HEAD SOUTH 2.3 MILES ON CO. RD. N2620, THEN EAST
1.3 MILES ON CO. RD. E0560, TURN SOUTH INTO LOCATION.

FRED ANTHONY SELENSKY
OKLAHOMA L.P.L.S. NO.: 1860
DATE: 10-15-2018

NOTE:
This is a plat of a proposed well location and does not represent a true boundary survey. The information shown hereon shall not be relied upon for the location or establishment of land boundary lines. All of the positions shown hereon have not been verified as being actual Section, Quarter or Property corners. Positions shown in (Parentheses) are based upon local occupation and improvements or calculated per proportional measurement and/or G.L.O. record distances. Review this plat and notify Gateway Services Group, LLC immediately of any possible discrepancy.



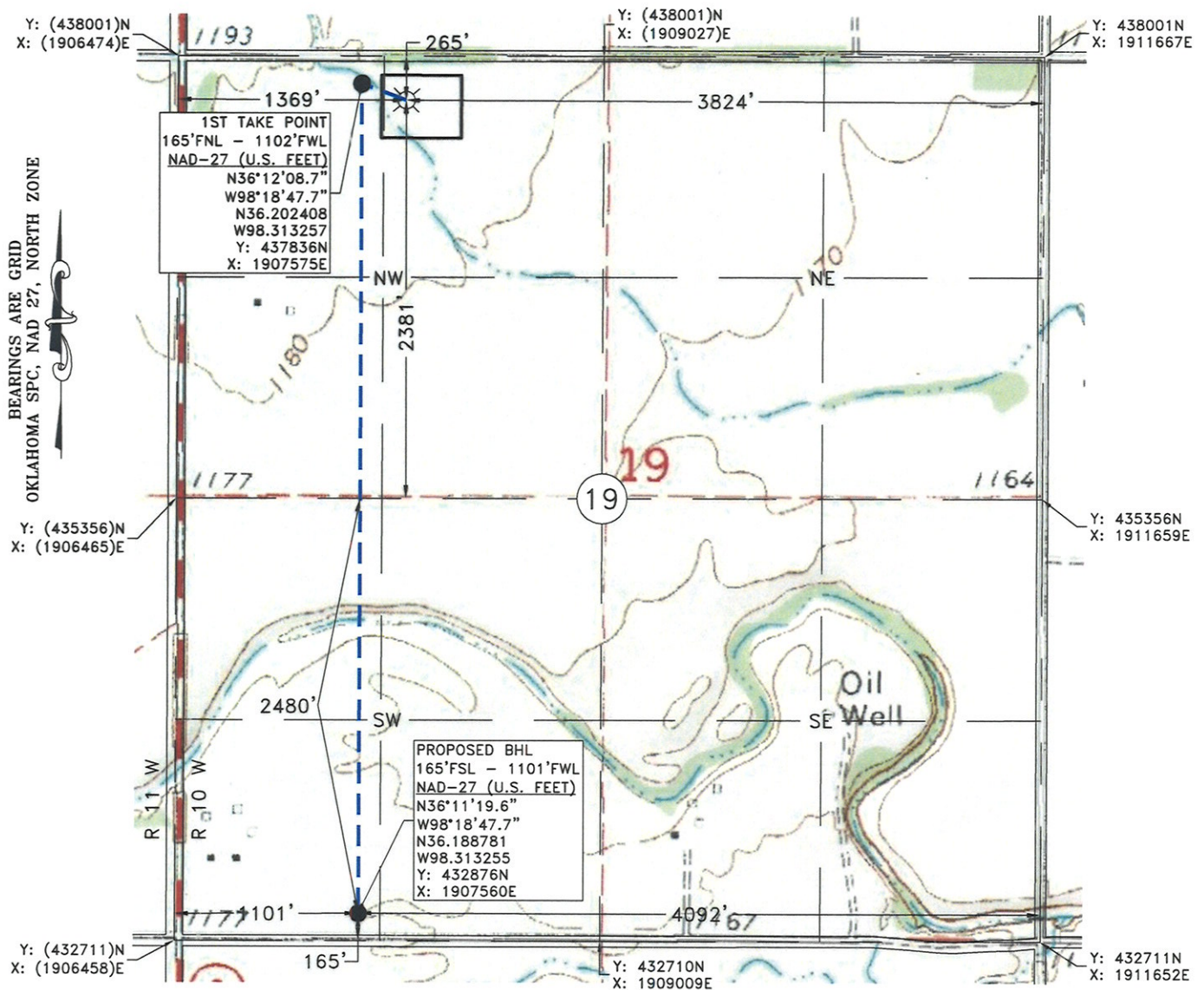
Gateway Services Group, LLC
PO. BOX 960
MEEKER, OK 74855
OFF. (405) 273-0954
FAX (405) 273-0580
C.A. NO. 4091 (LS)
EXP. DATE 6-30-2020

EXHIBIT "A" PRELIMINARY

STARK 2010 2-19MH
265'FNL - 1369'FWL
SECTION 19, T 20 N - R 10 W, I.M.,
MAJOR COUNTY, OKLAHOMA

DRAWN BY: JE	DATE: 10/4/18	CHK'D: CWP
GATEWAY NO.: 18-0640-502R1	SCALE: 1"=1000'	
REV.	DWN.	DESCRIPTION
1	JE	REVISED NAME AND LATERAL
		DATE
		10/11/18

MAJOR _____ County, Oklahoma
265'FNL - 1369'FWL Section 19 Township 20N Range 10W I.M.



GPS OBSERVATION: LATITUDE: N36°12'07.7\"
LONGITUDE: W98°18'44.5\"
LATITUDE: N36.202136
LONGITUDE: W98.312351

STATE PLANE NAD 27 Y: 437736N
OKLAHOMA NORTH ZONE X: 1907842E

Operator: OKLAHOMA ENERGY ACQUISITIONS, LP

Date Staked: 10/3/2018

Lease Name: STARK 2010

Well No.: 2-19MH

Elevation: 1187'

Topography and Vegetation: CULTIVATION

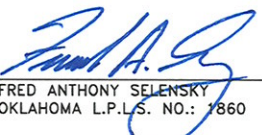
Good Drill Site? YES

Reference or Alt. Location Stakes Set: NONE

Best Accessibility to Location: FROM COUNTY ROAD

Distance and Direction

from Hwy. Jct. or town: FROM ISABELLA, OK, HEAD SOUTH 2.3 MILES ON CO. RD. N2620, THEN EAST
1.3 MILES ON CO. RD. E0560. TURN SOUTH INTO LOCATION.


FRED ANTHONY SELENSKY
OKLAHOMA L.P.L.S. NO.: 1860
DATE: 10-15-2018

NOTE:
This is a plat of a proposed well location and does not represent a true boundary survey. The information shown hereon shall not be relied upon for the location or establishment of land boundary lines. All of the positions shown hereon have not been verified as being actual Section, Quarter or Property corners. Positions shown in (Parentheses) are based upon local occupation and improvements or calculated per proportional measurement and/or G.L.O. record distances. Review this plat and notify Gateway Services Group, LLC immediately of any possible discrepancy.




Gateway Services Group, LLC

P.O. BOX 960
MEEKER, OK 74855
OFF. (405) 273-0954
FAX (405) 273-0580
C.A. NO. 4091 (LS)
EXP. DATE 6-30-2020

EXHIBIT "A" PRELIMINARY

STARK 2010 2-19MH
265'FNL - 1369'FWL
SECTION 19, T 20 N - R 10 W, I.M.,
MAJOR COUNTY, OKLAHOMA

DRAWN BY: JE	DATE: 10/4/18	CHK'D: CWP
GATEWAY NO.: 18-0640-503R1	SCALE: 1"=1000'	
PN:	AFE:	
REV. DWN.	DESCRIPTION	DATE
1 JE	REVISED NAME AND LATERAL	10/11/18

T 20 N - R 10 W

[RIG SKID DIRECTION: SOUTH]

CO. RD. E0560

13 18 CO. RD. E0560

24 19
OKLAHOMA ENERGY
ACQUISITIONS, LP
STARK 2010 2-19MH

R11W ST. HWY 8
R10W

19

VICINITY MAP: N.T.S.

ELEV: 1188'

480'

ELEV: 1185'

ELEV: 1184'

THIS POINT LIES:
114' S. & 1219' E.
OF THE NW COR.
OF SEC 19

TOTAL PAD AREA:
4.13 ACRES

150'

375'

150'

230'

225'

OKLAHOMA ENERGY
ACQUISITIONS, LP
STARK 2010 2-19MH
265'FNL - 1369'FWL
ELEV: 1187'
Y: 437736N
X: 1907842E

NW/4
SECTION 19

375'

±854'
TO 1/4 §

ELEV: 1186'

380'

ELEV: 1183'

100'

ELEV: 1183'

PLAT SHOWING:
PROPOSED PAD AREA IN THE NW/4 OF
SECTION 19, T 20 N - R 10 W, I.M.,
MAJOR COUNTY, OKLAHOMA

NOTE:

This is a plat of a proposed well location and does not represent a true boundary survey. The information shown hereon shall not be relied upon for the location or establishment of land boundary lines. All of the positions shown hereon have not been verified as being actual Section, Quarter or Property corners. Positions shown in (Parentheses) are based upon local occupation and improvements or calculated per proportional measurement and/or G.L.O. record distances. Review this plat and notify Gateway Services Group, LLC immediately of any possible discrepancy.

Gateway
Gateway Services Group, LLC

P.O. BOX 960
MEEKER, OK 74855
OFF. (405) 273-0954
FAX (405) 273-0580
C.A. NO. 4091 (LS)
EXP. DATE 6-30-2020

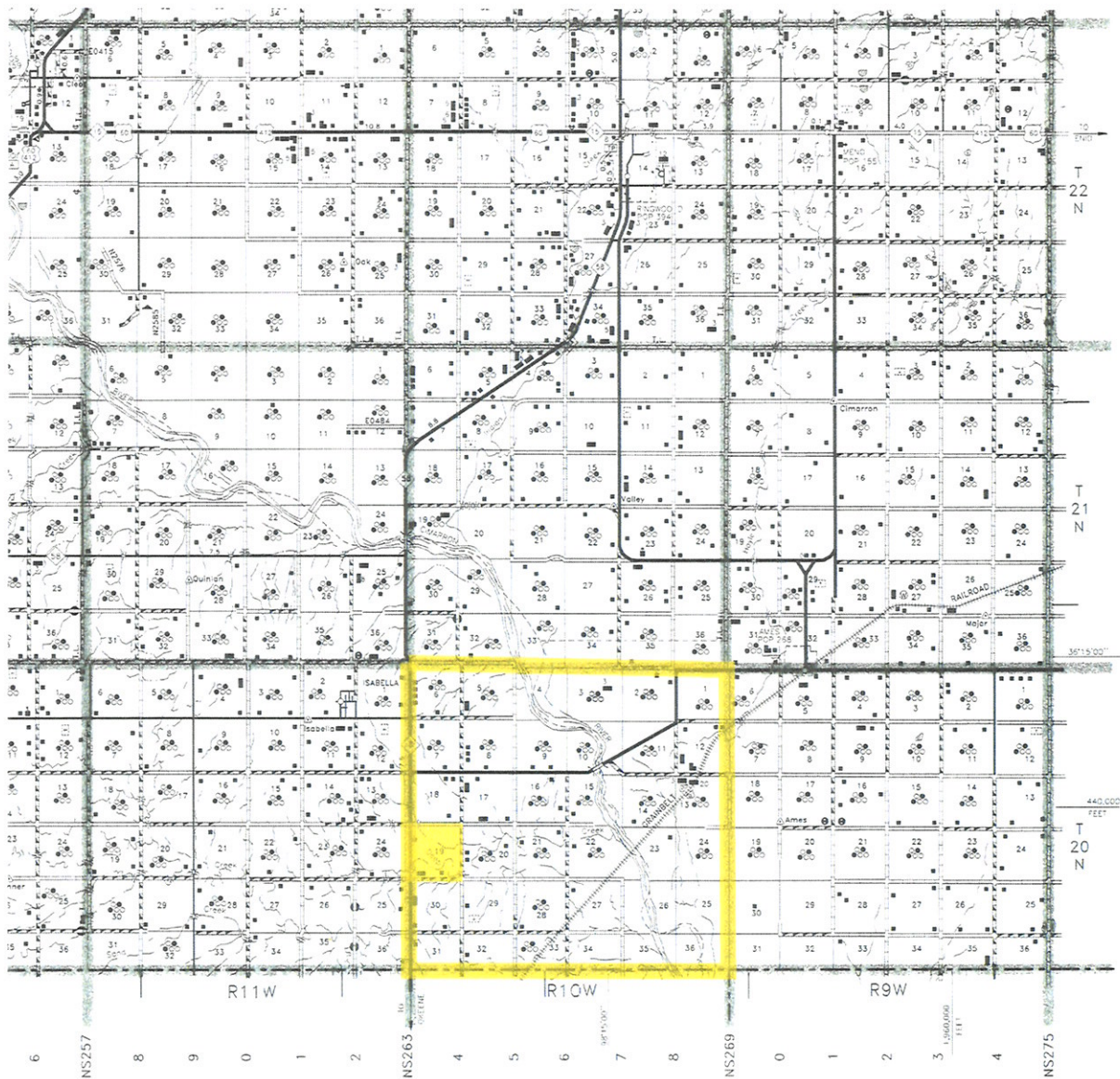
EXHIBIT "A" PRELIMINARY

STARK 2010 2-19MH
265'FNL - 1369'FWL
NW/4 SECTION 19, T 20 N - R 10 W, I.M.,
MAJOR COUNTY, OKLAHOMA

DRAWN BY: JE		DATE: 10/4/18	CHK'D: CWP
GATEWAY NO.: 18-0640-S04R1		SCALE: 1"=100'	
PN:		AFE:	
REV.	DWN.	DESCRIPTION	DATE
1	JE	REVISED NAME AND LATERAL	10/11/18

SECTION 19, T 20 N - R 10 W, I.M.,
MAJOR COUNTY, OKLAHOMA

BEARINGS ARE GRID
OKLAHOMA SPC, NAD 27, NORTH ZONE



Gateway
Gateway Services Group, LLC

P.O. BOX 960
MEeker, OK 74855
OFF. (405) 273-0954
FAX (405) 273-0580
C.A. NO. 4091 (LS)
EXP. DATE 6-30-2020

EXHIBIT "A" PRELIMINARY

STARK 2010 2-19MH
265'FWL - 1369'FWL
SECTION 19, T 20 N - R 10 W, I.M.,
MAJOR COUNTY, OKLAHOMA

DRAWN BY: JE		DATE: 10/4/18	CHK'D: CWP
GATEWAY NO.: 18-0640-505R1		SCALE: NTS	
PN:		AFE:	
REV.	DWN.	DESCRIPTION	DATE
1	JE	REVISED NAME AND LATERAL	10/11/18