

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

API NUMBER: 045 23733

Approval Date: 02/26/2018

Expiration Date: 08/26/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 20N Rge: 25W

County: ELLIS

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 250 439

Lease Name: SKINS 21

Well No: 5H

Well will be 250 feet from nearest unit or lease boundary.

Operator Name: JONES ENERGY LLC

Telephone: 5123282953

OTC/OCC Number: 21043 0

JONES ENERGY LLC
807 LAS CIMAS PKWY STE 350
AUSTIN, TX 78746-6193

EARL & MARILYN SCHOENHALS TRUST
175330 E COUNTY RD. 57
SHATTUCK OK 73858

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

Name	Depth	Name	Depth
1 CLEVELAND	8270	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 65115

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201800639
201800640

Special Orders:

Total Depth: 12884

Ground Elevation: 2419

Surface Casing: 670

Depth to base of Treatable Water-Bearing FM: 620

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: OGALLALA

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

PERMIT NO: 18-33808

H. SEE MEMO

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.

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 21 Twp 20N Rge 25W County ELLIS

Spot Location of End Point: N2 NW NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 7279

Radius of Turn: 400

Direction: 355

Total Length: 4977

Measured Total Depth: 12884

True Vertical Depth: 8270

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

HYDRAULIC FRACTURING

1/30/2018 - 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

MEMO

1/30/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201800639

2/2/2018 - G58 - (I.O.) 21-20N-25W
X65115 CLVD
1 WELL
NO OP. NAMED
REC 2/12/2018 (P. PORTER)

PENDING CD - 201800640

2/2/2018 - G58 - (I.O.) 21-20N-25W
X65115 CLVD
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FWL
NO OP. NAMED
REC 2/12/2018 (P. PORTER)

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.

045 23733 SKINS 21 5H

Category

Description

SPACING - 65115

2/2/2018 - G58 - (640) 21-20N-25W
EXT 64184 CLVD

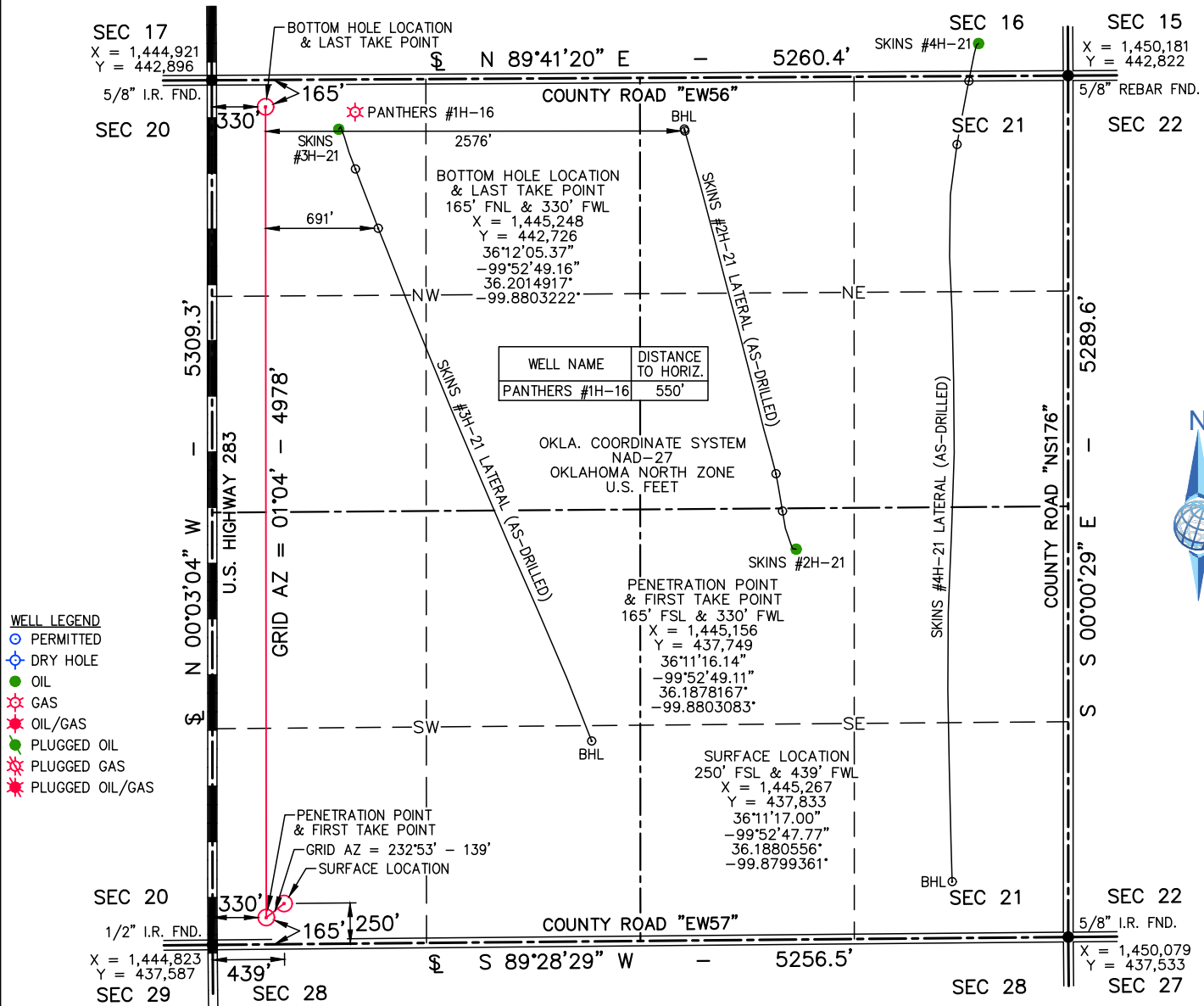
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The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

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.

PROPOSED NEW WELL LOCATION PLAT

COMPANY JONES ENERGY, LLC LEASE SKINS 21 WELL NO. 5H
 SECTION 21 TOWNSHIP 20-N RANGE 25-WIM LOCATION 250' FSL 439' FWL
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION TERRACED PASTURE
 LATITUDE 36°11'17.00" LONGITUDE -99°52'47.77" NAD27 ELEVATION 2419' NGVD29 DATE STAKED 12/8/17
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 5.0 MILES SOUTH OF SHATTACK, OKLAHOMA



NOTE:

- This plat is intended for Oklahoma Corporation Commission 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 Geodetic Azimuth and Ground distance. All X,Y coordinates are based on NAD27, 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.

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: 12/12/17



105 HACKBERRY TRAIL • CANADIAN, TX 79014
 (806) 323-9773 • TEXAS FIRM NO. 10010100
 CERT. OF AUTH. NO. 7796, EXP. JUNE 30, 2018



807 LAS CIMAS PARKWAY • SUITE 350 • AUSTIN, TEXAS 78746

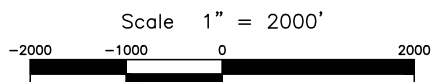
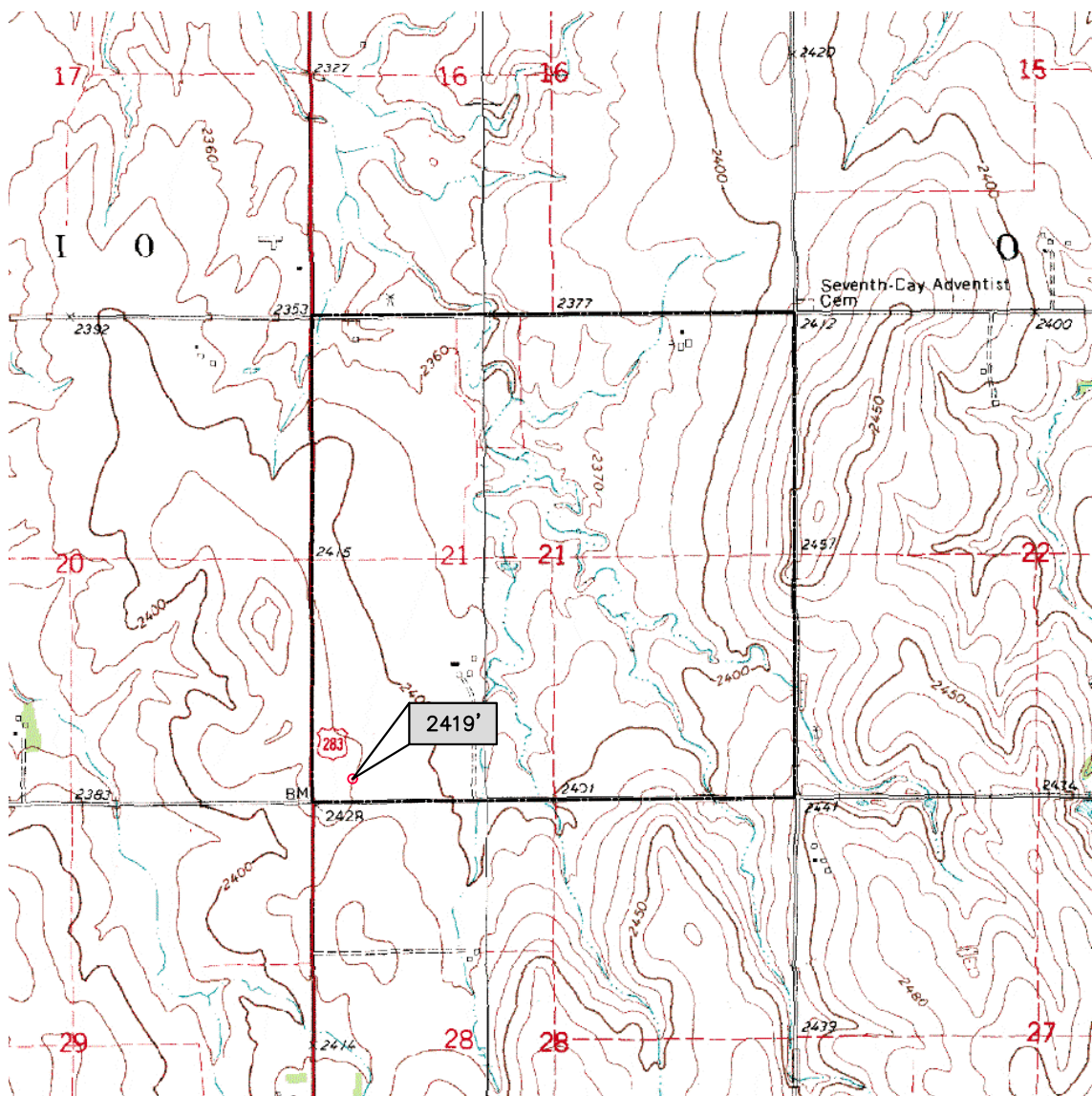
SKINS 21 #5H	
FIELD:	KB,KV,GPS
DRAWN:	CM
DATE:	12/12/17
CHECKED:	MLS
SHEET:	1 OF 5
REVISION:	



JOB NO. C215-328-1.1

ELEVATION VERIFICATION

COMPANY JONES ENERGY, LLC LEASE SKINS 21 WELL NO. 5H
 SECTION 21 TOWNSHIP 20-N RANGE 25-WM LOCATION 250' FSL 439' FWL
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION TERRACED PASTURE
 LATITUDE 36°11'17.00" LONGITUDE -99°52'47.77" NAD27 ELEVATION 2419' NGVD29 DATE STAKED 12/8/17
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LAND SURVEYING • GIS
BEYONDMAPPING.COM
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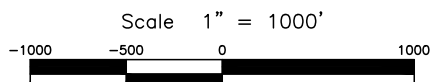
807 LAS CIMAS PARKWAY • SUITE 350 • AUSTIN, TEXAS 78746

SKINS 21 #5H	
FIELD:	KB,KV,GPS
DRAWN:	CM
DATE:	12/12/17
CHECKED:	MLS
SHEET:	2 OF 5
REVISION:	

JOB NO. C215-328-2.1

AERIAL PLAT

COMPANY JONES ENERGY, LLC LEASE SKINS 21 WELL NO. 5H
 SECTION 21 TOWNSHIP 20-N RANGE 25-WM LOCATION 250' FSL 439' FWL
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION TERRACED PASTURE
 LATITUDE 36°11'17.00" LONGITUDE -99°52'47.77" NAD27 ELEVATION 2419' NGVD29 DATE STAKED 12/8/17
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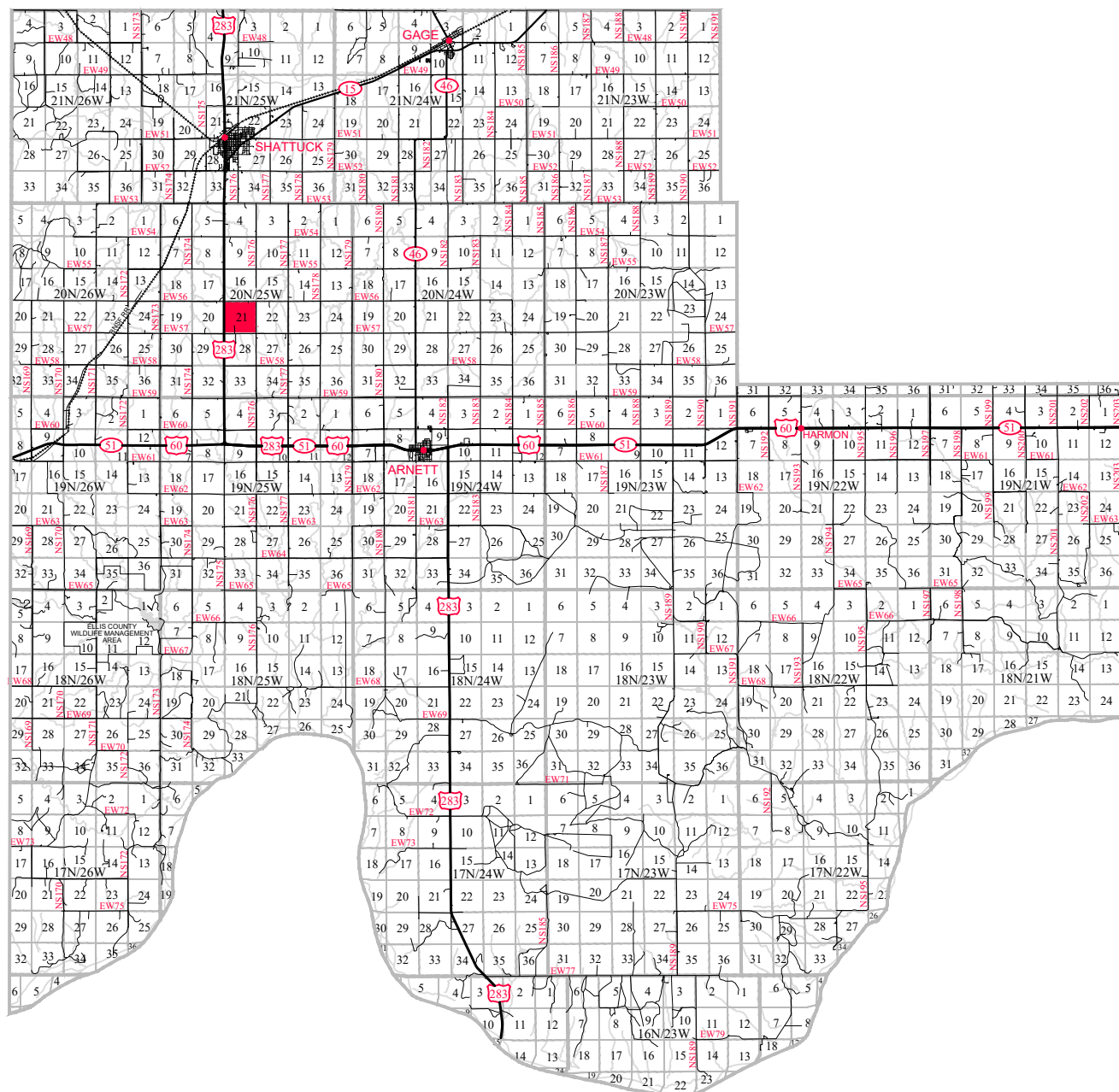
807 LAS CIMAS PARKWAY • SUITE 350 • AUSTIN, TEXAS 78746

SKINS 21 #5H	
FIELD:	KB,KV,GPS
DRAWN:	CM
DATE:	12/12/17
CHECKED:	MLS
SHEET:	3 OF 5
REVISION:	

JOB NO. C215-328-3.1

VICINITY MAP

COMPANY JONES ENERGY, LLC LEASE SKINS 21 WELL NO. 5H
 SECTION 21 TOWNSHIP 20-N RANGE 25-WIM LOCATION 250' FSL 439' FWL
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION TERRACED PASTURE
 LATITUDE 36°11'17.00" LONGITUDE -99°52'47.77" NAD27 ELEVATION 2419' NGVD29 DATE STAKED 12/8/17
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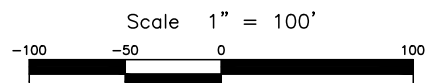
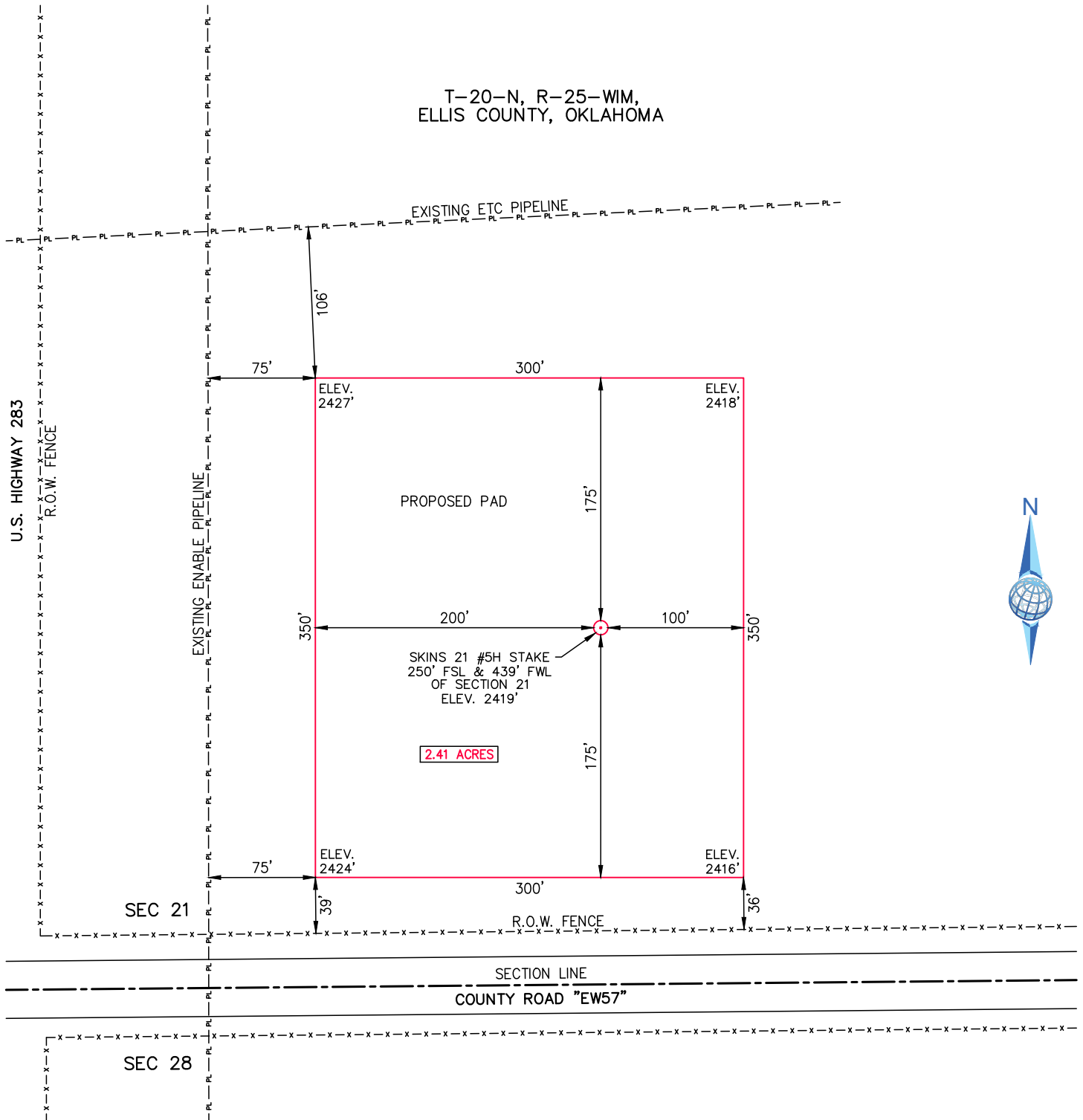
807 LAS CIMAS PARKWAY • SUITE 350 • AUSTIN, TEXAS 78746

SKINS 21 #5H	
FIELD:	KB,KV,GPS
DRAWN:	CM
DATE:	12/12/17
CHECKED:	MLS
SHEET:	4 OF 5
REVISION:	

JOB NO. C215-328-4.1

PROPOSED PAD SITE PLAT

T-20-N, R-25-WM,
ELLIS COUNTY, OKLAHOMA



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CERT. OF AUTH. NO. 7796, EXP. JUNE 30, 2018



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SKINS 21 #5H	
FIELD:	KB,KV,GPS
DRAWN:	CM
DATE:	12/12/17
CHECKED:	MLS
SHEET:	5 OF 5
REVISION:	

JOB NO. C215-328-5.1