

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

API NUMBER: 043 23728 A

Approval Date: 09/14/2021

Expiration Date: 03/14/2023

Horizontal Hole Oil & Gas

Amend reason: CHANGE SHL

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 18 Township: 18N Range: 14W County: DEWEY

SPOT LOCATION: NE NW NW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 200 2019

Lease Name: EVANS Well No: 18-1H Well will be 210 feet from nearest unit or lease boundary.

Operator Name: COMANCHE EXPLORATION CO LLC Telephone: 4057555900 OTC/OCC Number: 20631 0

COMANCHE EXPLORATION CO LLC
6520 N WESTERN AVE STE 300
OKLAHOMA CITY, OK 73116-7334

RUBY L EVANS LIFE ESTATE, RUBY L EVANS, BENJAMIN J. EVANS,
REMAINDERMAN
67778 N 2390 ROAD
CANTON OK 73724

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	9369

Spacing Orders: 695150

Location Exception Orders: 720654

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 15011

Ground Elevation: 1915

Surface Casing: 850

Depth to base of Treatable Water-Bearing FM: 450

Deep surface casing has been approved

Approved Method for disposal of Drilling Fluids:	
D. One time land application -- (REQUIRES PERMIT)	PERMIT NO: 21-37817
H. (Other)	SEE MEMO

PIT 1 INFORMATION

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: AP/TE DEPOSIT

Pit Location Formation: TERRACE

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: AP/TE DEPOSIT

Pit Location Formation: TERRACE

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.

HORIZONTAL HOLE 1

Section: 18	Township: 18N	Range: 14W	Meridian: IM	Total Length: 4540
	County: DEWEY			Measured Total Depth: 15011
Spot Location of End Point: SE	SW	SW	SE	True Vertical Depth: 10339
Feet From: SOUTH		1/4 Section Line: 135		End Point Location from
Feet From: EAST		1/4 Section Line: 2150		Lease,Unit, or Property Line: 135

NOTES:

Category	Description
DEEP SURFACE CASING	[9/13/2021 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	[9/13/2021 - GC2] - OCC 165:10-3-10 REQUIRES: 1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN; 2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML ; AND, 3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG
INTERMEDIATE CASING	[9/13/2021 - GC2] - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES
LOCATION EXCEPTION - 720654	[11/22/2021 - G56] - (I.O.) 18-18N-14W X695150 MSSP, OTHERS COMPL INT NCT 165' FSL, NCT 165' FNL, NCT 660' FEL COMANCHE EXPLOR CO, LLC 9/17/2021
MEMO	[9/13/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 695150	[9/14/2021 - G56] - (640)(HOR) 18-18N-14W VAC 95923 CSTR VAC 307029 MSSLM, KDRK, OTHERS EXT 679546 MSSP, OTHERS COMPL INT NCT 660' FB

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SCALE: 1" = 1000'
 0' 500' 1000'

WELL LOCATION

EVANS 18-1H
 COMANCHE EXPLORATION CO., LLC.
 SECTION 18, TOWNSHIP 18N, RANGE 14W, I.M.
 DEWEY COUNTY, OKLAHOMA

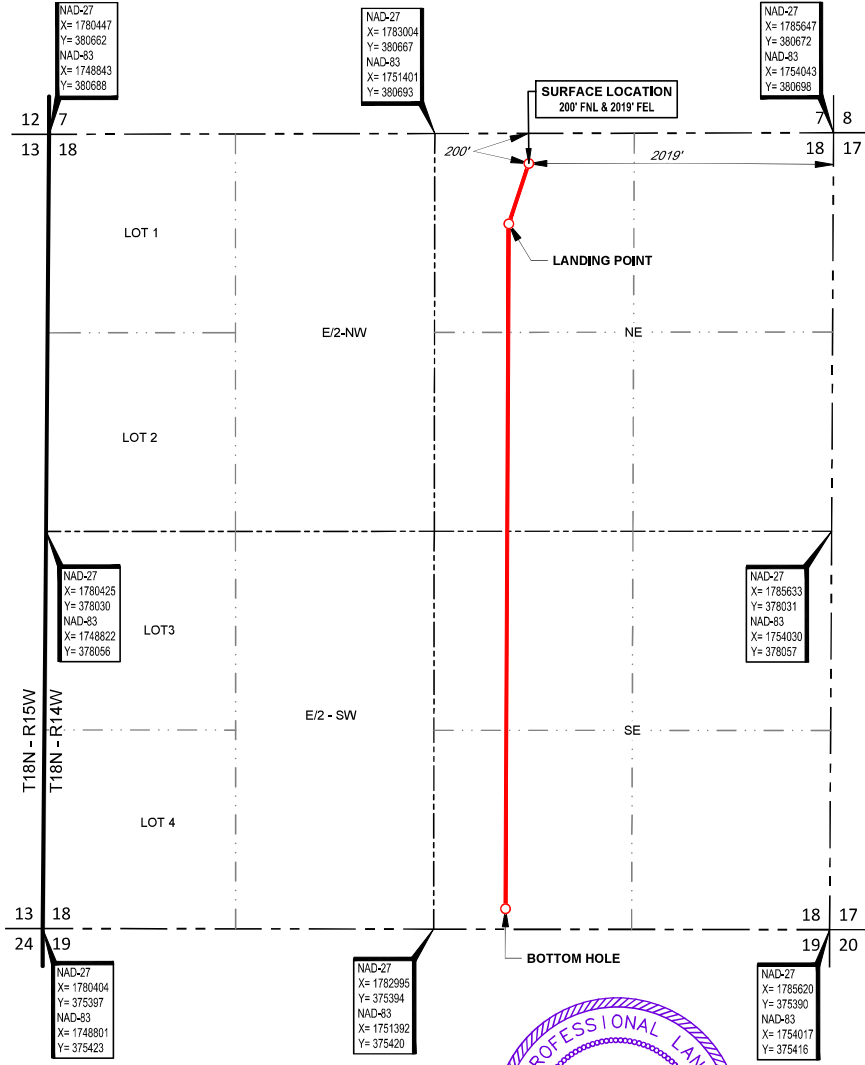
LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- 16TH LINE
- RANGE LINE
- PROPOSED WELL BORE

SURFACE LOCATION
 200' FNL & 2019' FEL
 NAD-27
 X= 1783627
 Y= 380468
 LAT.: 36°02'34.7" N
 LONG.: 98°43'54.8" W
 LAT.: 36.042980° N
 LONG.: 98.731881° W
 ELEV.: 1916' (NGVD29)
 NAD-83
 X= 1752024
 Y= 380494
 LAT.: 36°02'34.9" N
 LONG.: 98°43'56.1" W
 LAT.: 36.043022° N
 LONG.: 98.732247° W
 ELEV.: 1917' (NAVD88)

LANDING POINT
 600' FNL & 2150' FEL
 NAD-27
 X= 1783494
 Y= 380068
 LAT.: 36°02'30.8" N
 LONG.: 98°43'56.4" W
 LAT.: 36.0418778° N
 LONG.: 98.7323204° W
 NAD-83
 X= 1751890
 Y= 380094
 LAT.: 36°02'30.9" N
 LONG.: 98°43'57.7" W
 LAT.: 36.0419195° N
 LONG.: 98.7326872° W

BOTTOM HOLE
 135' FSL & 2150' FEL
 NAD-27
 X= 1783471
 Y= 375528
 LAT.: 36°01'45.9" N
 LONG.: 98°43'56.2" W
 LAT.: 36.029406° N
 LONG.: 98.732281° W
 NAD-83
 X= 1751868
 Y= 375554
 LAT.: 36°01'46.0" N
 LONG.: 98°43'57.5" W
 LAT.: 36.0294478° N
 LONG.: 98.7326476° W



SURVEYOR'S CERTIFICATE:
 I, T. WAYNE FISCH, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC LAND SURVEYORS, DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.

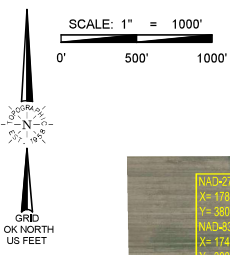
T. Wayne Fisch
 T. Wayne Fisch, P.L.S. No. 1378
 Authorized Agent of Topographic Land Surveyors



LEASE NAME & WELL NO. EVANS 18-1H
 SECTION 18 TWP 18N RGE 14W MERIDIAN I.M.
 COUNTY DEWEY STATE STATE
 DESCRIPTION 200' FNL & 2019' FEL

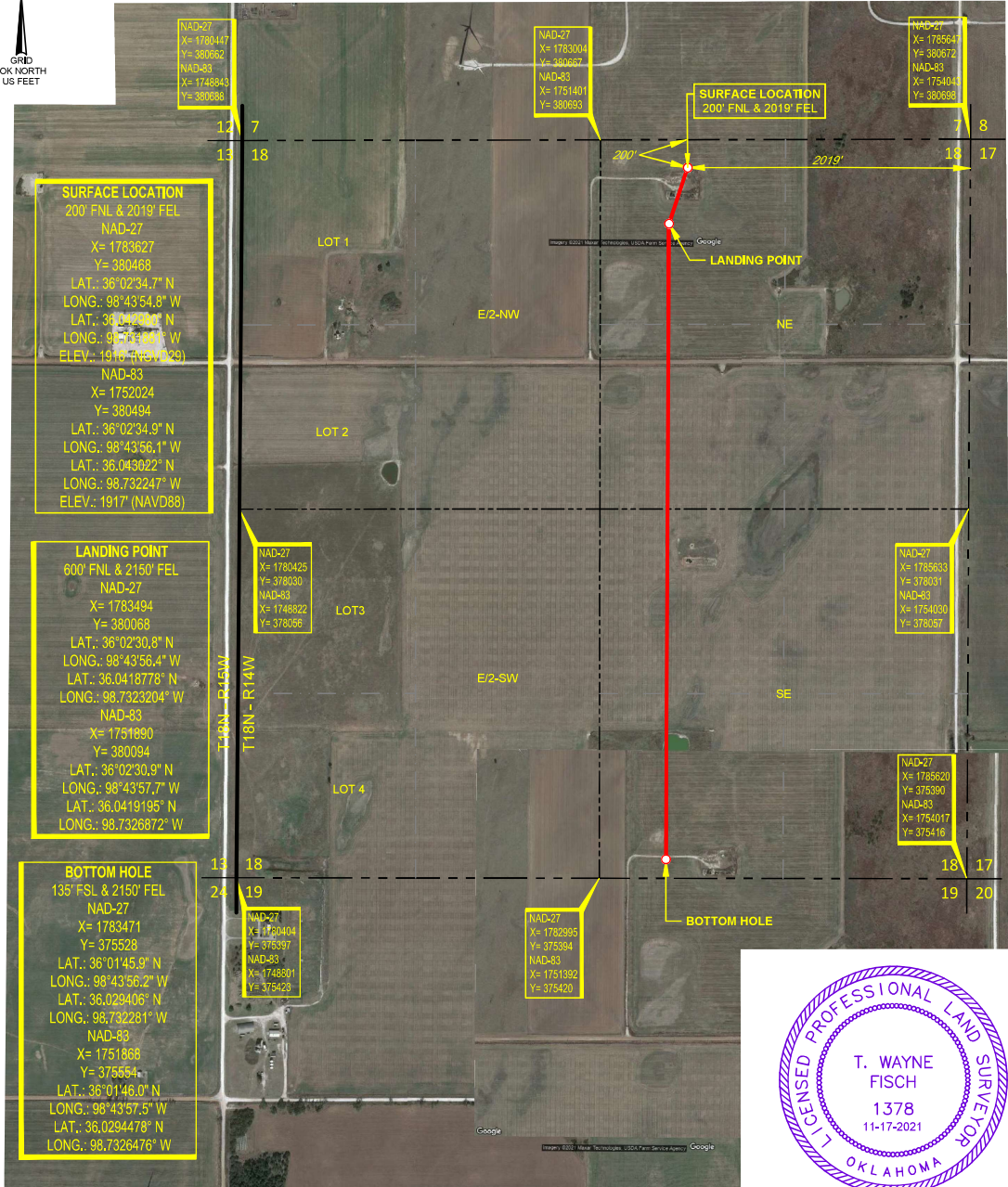
EVANS 18-1H	REVISION:	
	INT	DATE
	KEU	11/15/2021
DATE:	09/02/2021	
FILE:LO_EVANS_18-1H_REV1		
DRAWN BY:	KEU	
SHEET :	1 OF 2	

- NOTES:**
1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"
 2. ALL BEARINGS SHOWN HEREON ARE GRID OKLAHOMA COORDINATE SYSTEM OF 1983 NORTH ZONE ACCORDING TO THE RESULT OF STATIC GPS OBSERVATION PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES, OPUS RESULTS ARE CORRELATED TO OKLAHOMA COORDINATE SYSTEM THROUGH NORTH ZONE AND THE NORTH AMERICAN VERTICAL DATUM OF 1988.
 3. OKLAHOMA COORDINATE SYSTEM OF 1927 AND NATIONAL GEOGRAPHIC VERTICAL DATUM OF 1929 INFORMATION CONVERTED FROM OKLAHOMA COORDINATE SYSTEM OF 1983 AND NORTH AMERICAN VERTICAL DATUM OF 1988.
 4. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT LOCATION, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY COMANCHE EXPLORATION CO., LLC, ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN ADJOINING THIS EASEMENT LOCATION, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE, THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.
 5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.



WELL LOCATION
 EVANS 18-1H
 COMANCHE EXPLORATION CO., LLC.
 SECTION 18, TOWNSHIP 18N, RANGE 14W, I.M.
 DEWEY COUNTY, OKLAHOMA

LEGEND	
	SECTION LINE
	QUARTER SECTION LINE
	16TH LINE
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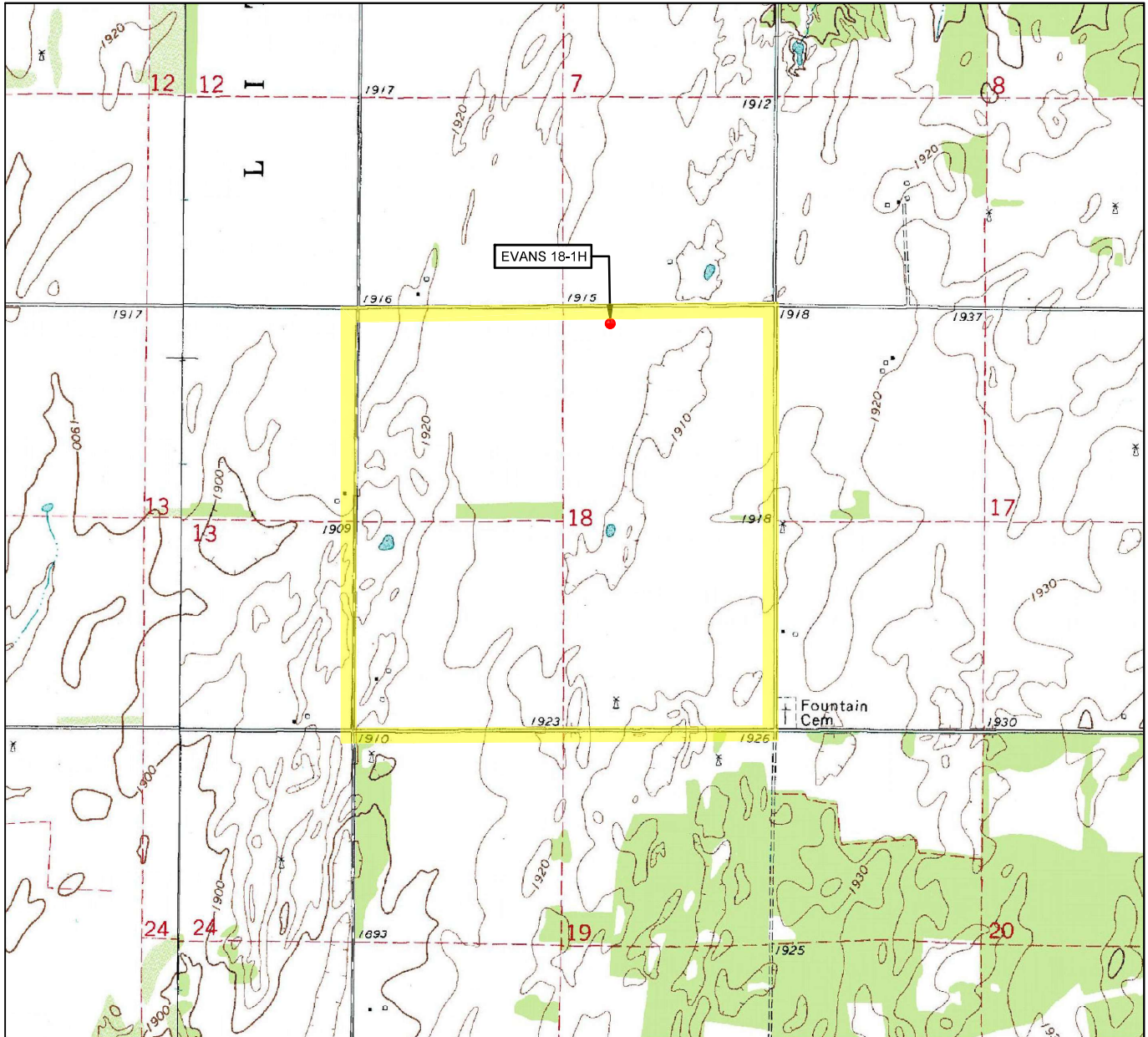
TOPOGRAPHIC
 LOYALTY INNOVATION LEGACY
 13600 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134
 TELEPHONE (405) 843-4847 OR (800) 654-3219
 CERTIFICATE OF AUTHORIZATION NO. 1292 LS
 WWW.TOPOGRAPHIC.COM

LEASE NAME & WELL NO. _____ EVANS 18-1H

SECTION 18 TWP 18N RGE 14W MERIDIAN I.M.
 COUNTY DEWEY STATE _____ STATE _____
 DESCRIPTION 200' FNL & 2019' FEL

EVANS 18-1H	REVISION:		NOTES:
	INT	DATE	
DATE: 09/02/2021	KEU	11/15/2021	1. ORIGINAL DOCUMENT SIZE: 8.5" X 14" 2. ALL BEARINGS SHOWN HEREON ARE GRID OKLAHOMA COORDINATE SYSTEM OF 1983 NORTH ZONE ACCORDING TO THE RESULT OF STATIC GPS OBSERVATION PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES, OPUS RESULTS ARE CORRELATED TO OKLAHOMA COORDINATE SYSTEM THROUGH NORTH ZONE AND THE NORTH AMERICAN VERTICAL DATUM OF 1988. 3. OKLAHOMA COORDINATE SYSTEM OF 1927 AND NATIONAL GEOGRAPHIC VERTICAL DATUM OF 1929 INFORMATION CONVERTED FROM OKLAHOMA COORDINATE SYSTEM OF 1983 AND NORTH AMERICAN VERTICAL DATUM OF 1988. 4. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT/LOCATION IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY COMANCHE EXPLORATION CO., LLC, ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN ADJOINING THIS EASEMENT/LOCATION, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAN AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY. 5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.
FILE:LO_EVANS_18-1H_REV1			
DRAWN BY: KEU			
SHEET: 2 OF 2			

LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO. EVANS 18-1H

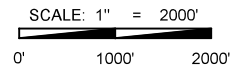
SECTION 18 TWP 18N RGE 14W MERIDIAN 1M

COUNTY DEWEY STATE STATE

DESCRIPTION 200' FNL & 2019' FEL

ELEV.: 1916' (NGVD29)

ELEV.: 1917' (NAVD88)



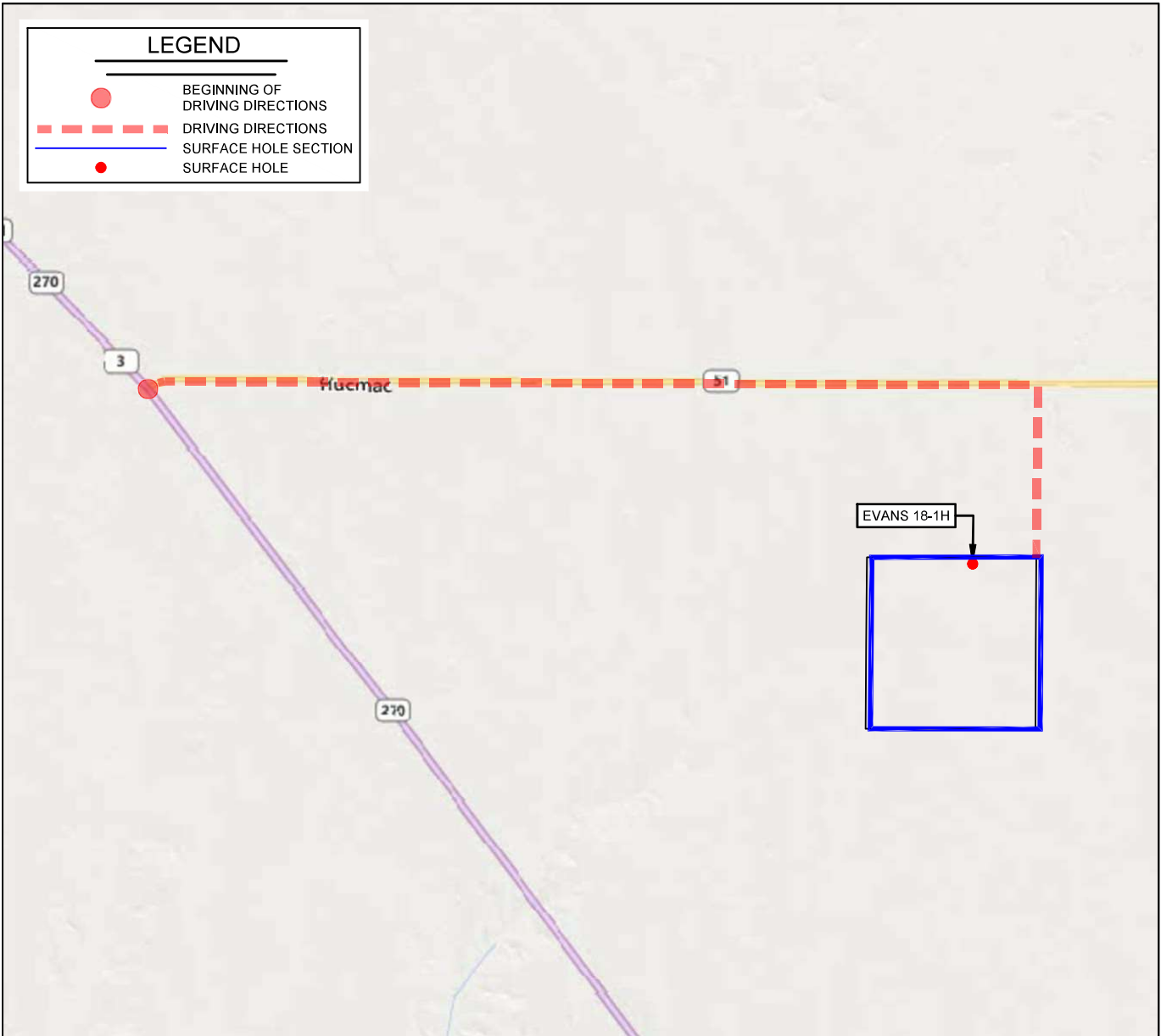
THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY COMANCHE EXPLORATION CO., LLC.. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM OF 1983, NORTH ZONE OF THE NORTH AMERICAN DATUM, U.S. SURVEY FEET.

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134
TELEPHONE: (405) 843-4847 OR (800) 654-3219
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WWW.TOPOGRAPHIC.COM

VICINITY MAP



LEASE NAME & WELL NO. _____ EVANS 18-1H _____

SECTION 18 TWP 18N RGE 14W MERIDIAN I.M.

COUNTY DEWEY STATE _____ STATE _____

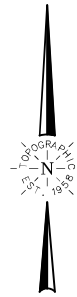
DESCRIPTION 200' FNL & 2019' FEL

DISTANCE & DIRECTION

FROM THE JCT OF HWY 270/SH-3 AND SH-51, SOUTHEAST OF SEILING, OK; GO EAST ON SH-51 FOR 5.3 MILES, GO SOUTH ON N 2400 RD FOR 1.0 MILE TO THE NE CORNER OF SECTION 18 T18N R14W.

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY COMANCHE EXPLORATION CO., LLC.. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

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SCALE: 1" = 5000'

0' 2500' 5000'

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