

API NUMBER: 093 25258

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

Approval Date: 08/02/2021
Expiration Date: 02/02/2023

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 25 Township: 20N Range: 11W County: MAJOR

SPOT LOCATION: FEET FROM QUARTER: FROM **NORTH** FROM **WEST**
SECTION LINES: **260** **2425**

Lease Name: **SAVANNAH** Well No: **1-24H** Well will be **260** feet from nearest unit or lease boundary.
Operator Name: **ROX EXPLORATION INC** Telephone: 4056423962 OTC/OCC Number: 18783 0

ROX EXPLORATION INC
2416 PALMER CIRCLE
NORMAN, OK 73069-6301

ROBERT FREED
259154 E. COUNTY ROAD 58
OKEENE OK 73763

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

| Name | Code | Depth |
|----------|---------|-------|
| 1 HUNTON | 269HNTN | 8330 |

Spacing Orders: 719043

Location Exception Orders: 719211

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 14150 Ground Elevation: 1180

Surface Casing: 470

Depth to base of Treatable Water-Bearing FM: 420

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 21-37711
H. (Other) CLOSED SYSTEM=STEEL PITS (REQUIRED - DEEP CREEK)

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER 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: CEDAR HILLS

HORIZONTAL HOLE 1

Section: 24 Township: 20N Range: 11W Meridian: IM Total Length: 5400
County: MAJOR Measured Total Depth: 14150
Spot Location of End Point: N2 N2 N2 NW True Vertical Depth: 8330
Feet From: **NORTH** 1/4 Section Line: 50 End Point Location from
Feet From: **WEST** 1/4 Section Line: 1320 Lease, Unit, or Property Line: 50

NOTES:

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.


| Category | Description |
|-----------------------------|--|
| HYDRAULIC FRACTURING | <p>[7/30/2021 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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,</p> <p>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</p> |
| INTERMEDIATE CASING | [7/30/2021 - 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 - 719211 | <p>[8/2/2021 - G56] - (I.O.) 24-20N-11W X719043 HNTN COMPL INT NCT 165' FSL, NCT 165' FNL, NCT 660' FWL NO OP NAMED 6/30/2021</p> |
| SPACING - 719043 | <p>[8/2/2021 - G56] - (640)(HOR) 24-20N-11W EST HNTN POE TO BHL NCT 660' FB (COEXIST WITH SP # 93339)</p> |

SAVANNAH 1-24H
ROX EXPLORATION, INC.
SECTION 25, TOWNSHIP 20N, RANGE 11W, I.M.
MAJOR COUNTY, OKLAHOMA

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



SCALE: 1" = 2000'



0' 1000' 2000'

100' FSL & 2640' FWL
NAD-27
X= 1903818
Y= 432812
LAT.: 36°11'18.9" N
LONG.: 98°19'33.4" W
LAT.: 36.188572° N
LONG.: 98.325933° W
NAD-83
X= 1872217
Y= 432837
LAT.: 36°11'19.0" N
LONG.: 98°19'34.6" W
LAT.: 36.188608° N
LONG.: 98.326283° W

260' FNL & 2425' FWL
NAD-27
X= 1903603
Y= 432452
LAT.: 36°11'15.3" N
LONG.: 98°19'36.0" W
LAT.: 36.187582° N
LONG.: 98.326657° W
ELEV.: 1180' (NGVD29)
NAD-83
X= 1872002
Y= 432477
LAT.: 36°11'15.4" N
LONG.: 98°19'37.2" W
LAT.: 36.187618° N
LONG.: 98.327008° W
ELEV.: 1180' (NAVD88)

50' FNL & 1320' FWL
NAD-27
X= 1902522
Y= 437952
LAT.: 36°12'09.7" N
LONG.: 98°19'49.4" W
LAT.: 36.202681° N
LONG.: 98.330385° W
NAD-83
X= 1870921
Y= 437977
LAT.: 36°12'09.8" N
LONG.: 98°19'50.6" W
LAT.: 36.202717° N
LONG.: 98.330735° W

2377' FSL & 1326' FWL
NAD-27
X= 1902516
Y= 435625
LAT.: 36°11'46.6" N
LONG.: 98°19'49.4" W
LAT.: 36.196288° N
LONG.: 98.330377° W
NAD-83
X= 1870915
Y= 435650
LAT.: 36°11'46.8" N
LONG.: 98°19'50.6" W
LAT.: 36.196324° N
LONG.: 98.330727° W

13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134
TELEPHONE: (405) 843-4847 OR (800) 654-3219
CERTIFICATE OF AUTHORIZATION NO. 1292 LS
WWW.TOPOGRAPHIC.COM

Authorized Agent of Topographic Land Surveyors

| DESCRIPTION | 260' FNL & 2425' FWL |
|-------------|----------------------|
|-------------|----------------------|

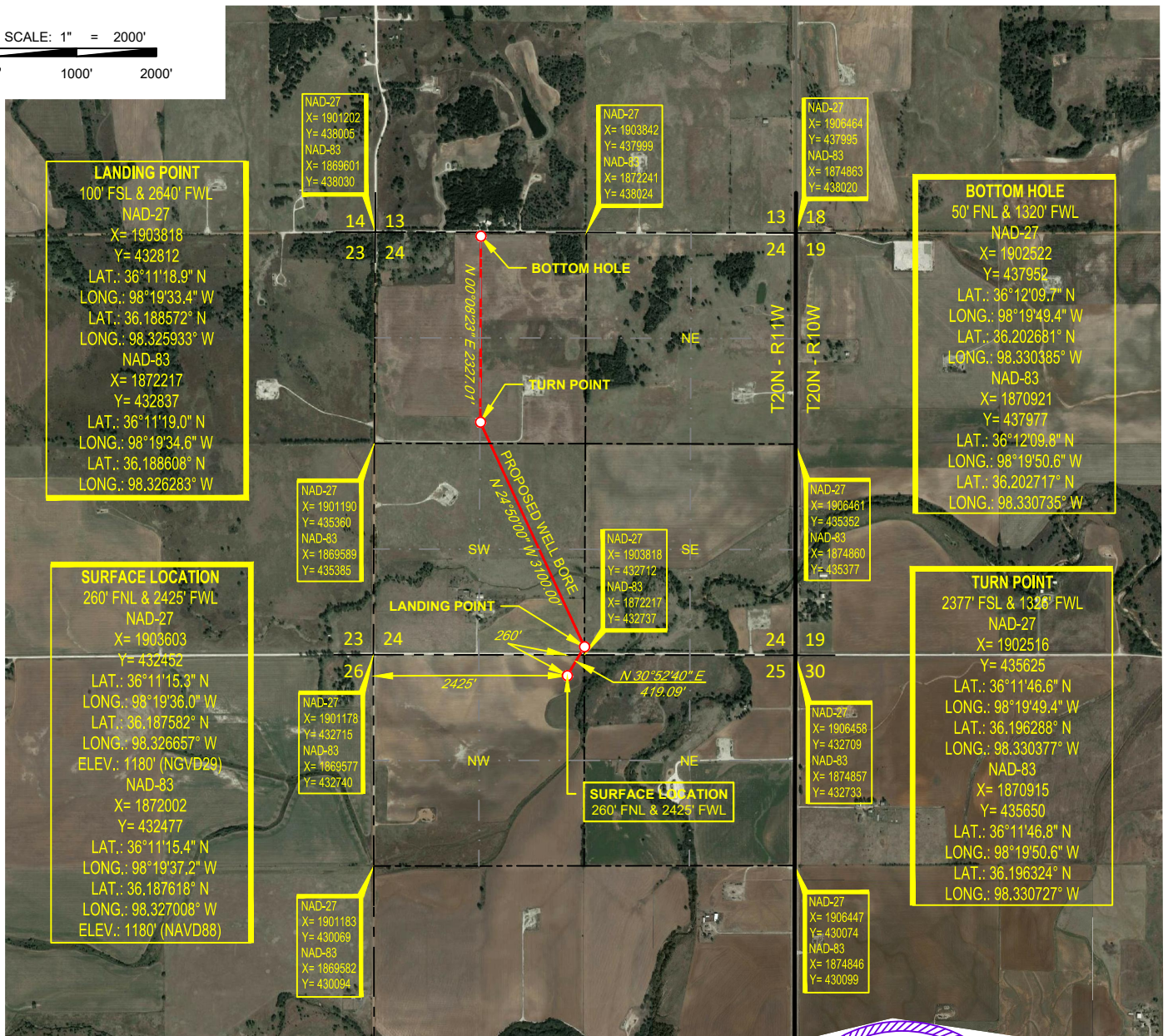
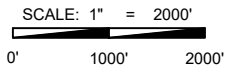
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| | | |
|------------------------|-----------|------|
| SAVANNAH 1-24H | REVISION: | |
| | INT | DATE |
| | | |
| DATE: 07/15/2021 | | |
| FILE:LO_SAVANNAH_1-24H | | |
| DRAWN BY: KEU | | |
| SHEET : 1 OF 2 | | |

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 ROX EXPLORATION, INC. 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

SAVANNAH 1-24H
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SECTION 25 , TOWNSHIP 20N , RANGE 11W, I.M.
MAJOR COUNTY, OKLAHOMA

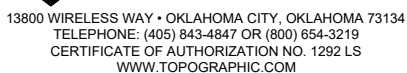
 SECTION LINE
 RANGE LINE
 QUARTER SECTION LINE
 16TH LINE
 PROPOSED WELL BORE



T. Wayne Fisch 07/15/2021
T. Wayne Fisch, P.L.S. No. 1378

Authorized Agent of Topographic Land Surveyors

SECTION 25 TWP 20N RGE 11W MERIDIAN 1.M.
COUNTY _____ MAJOR _____ STATE OKLAHOMA
DESCRIPTION 260' FNL & 2425' FWL

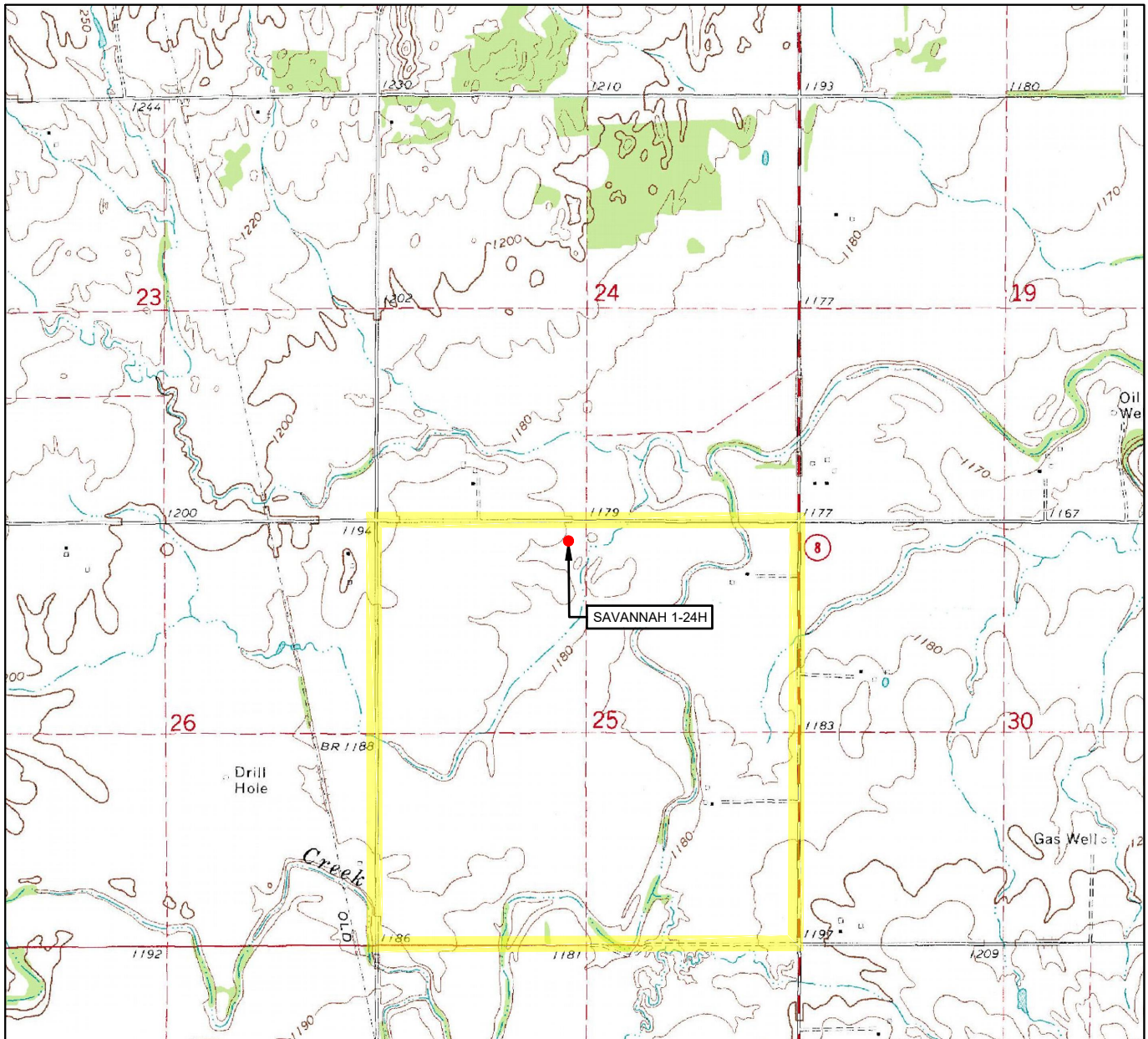


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| | | |
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| | INT | DATE |
| | | |
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LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO. SAVANNAH 1-24H

SECTION 25 TWP 20N RGE 11W MERIDIAN I.M.

COUNTY MAJOR STATE OKLAHOMA

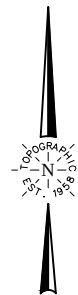
DESCRIPTION 260' FNL & 2425' FWL

ELEV.: 1180' (NGVD29)

ELEV.: 1180' (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 ROX EXPLORATION, INC.. 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, NORTH ZONE OF THE NORTH AMERICAN DATUM, U.S. SURVEY FEET.



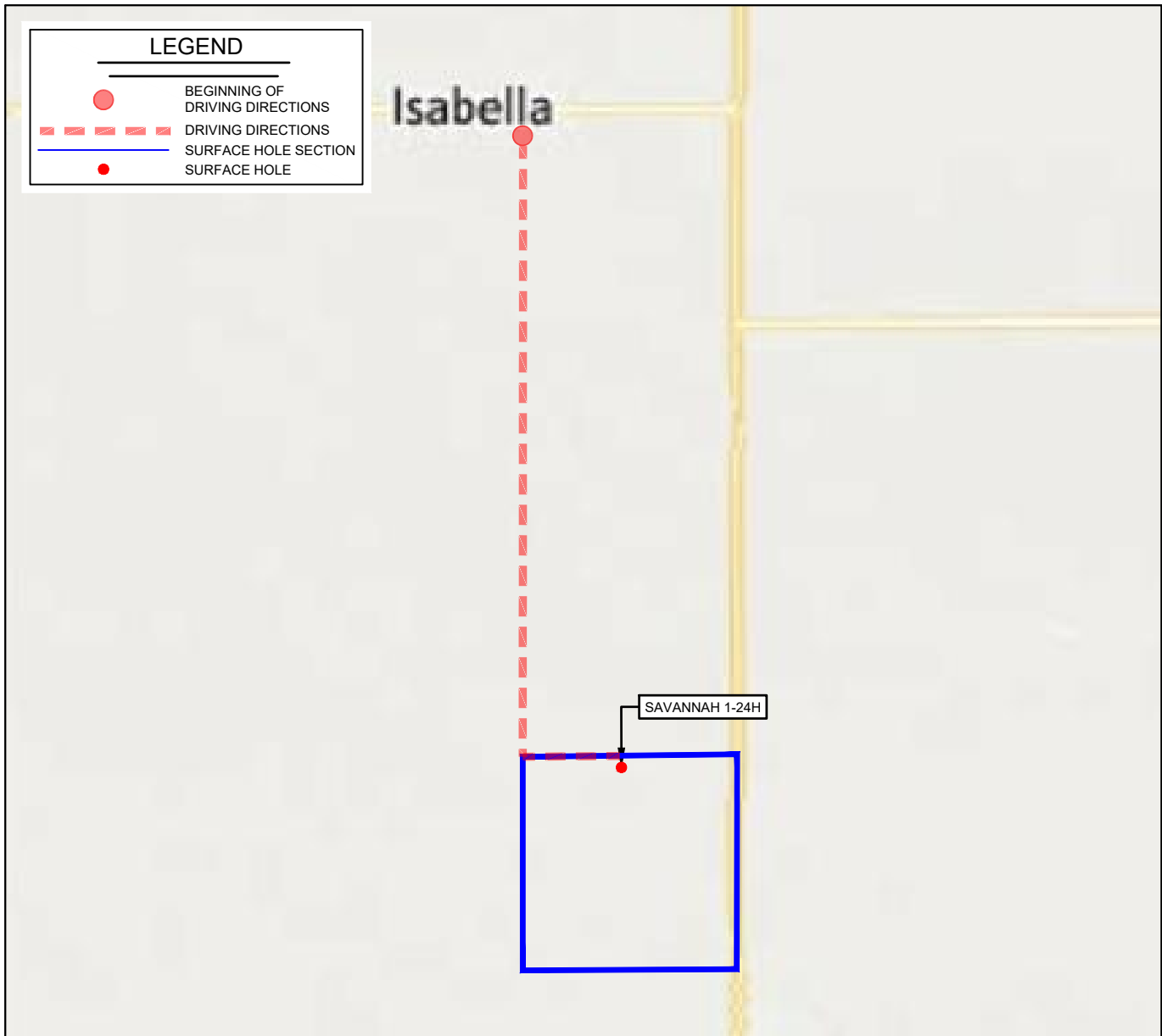
SCALE: 1" = 2000'
0' 1000' 2000'



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VICINITY MAP



LEASE NAME & WELL NO. SAVANNAH 1-24H

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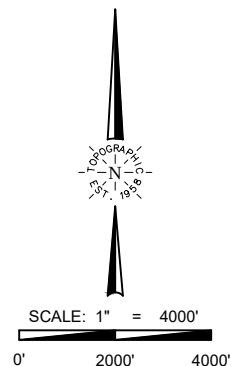
DESCRIPTION 260' FNL & 2425' FWL

DISTANCE & DIRECTION

FROM THE INTERSECTION OF E COUNTY ROAD 54, AND S COUNTY ROAD 262 IN ISABELLA OKLAHOMA, TAKE S COUNTY ROAD 262 THREE MILES TO E COUNTY ROAD 57. TURN EAST ON E COUNTY ROAD 57 FOR APPROXIMATELY ONE HALF OF A MILE. LOCATION IS TO THE SOUTH.

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