

API NUMBER: 045 23852

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

Approval Date: 01/06/2022

Expiration Date: 07/06/2023

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 22 Township: 18N Range: 23W County: ELLIS

SPOT LOCATION: ☐ SW ☐ SE ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 1200 2058

Lease Name: TED Well No: 1H-15-10 Well will be 1200 feet from nearest unit or lease boundary.

Operator Name: VALPOINT OPERATING LLC Telephone: 8063764675 OTC/OCC Number: 23241 0

VALPOINT OPERATING LLC
7400 GOLDEN POND STE 200
AMARILLO, TX 79121-1968

SHREWDER TRUST AB
PO BOX 1
WICHITA KS 67201

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

Name	Code	Depth
1 OSWEGO	404OSWG	9475

Spacing Orders: 700723

Location Exception Orders: 722310

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 18300

Ground Elevation: 2301

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 550

Deep surface casing has been approved

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: 21-38034

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: BED AQUIFER

Pit Location Formation: OGALLALA

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

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: 10	Township: 18N	Range: 23W	Meridian: IM	Total Length: 8300
	County: ELLIS			Measured Total Depth: 18300
Spot Location of End Point:	NE	SE	SE	NW
				True Vertical Depth: 9475
Feet From: NORTH		1/4 Section Line:	2149	End Point Location from
Feet From: WEST		1/4 Section Line:	2572	Lease, Unit, or Property Line: 2149

NOTES:

Category	Description
DEEP SURFACE CASING	[1/5/2022 - 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	<p>[1/5/2022 - 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>
LOCATION EXCEPTION - 722310	<p>[1/6/2022 - G56] - (I.O.) 10 & 15-18N-23W</p> <p>X700723 OSWG</p> <p>COMPL INT NCT 165' FSL, NCT 660' FNL, NCT 1320' FEL</p> <p>VALPOINT OPERATING, LLC</p> <p>12/21/2021</p>
MEMO	[1/5/2022 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - BODY OF WATER), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 700723	<p>[1/6/2022 - G56] - (1280)(HOR) 10 & 15-18N-23W</p> <p>VAC OTHER</p> <p>VAC 87013 OSWG</p> <p>VAC 91750 OSWG, OTHER</p> <p>EST OSWG, OTHER</p> <p>COMPL INT NCT 660' FB</p>



Well Location Plat

S.H.L. Sec. 22-18N-23W I.M.
B.H.L. Sec. 10-18N-23W I.M.

Operator: VALPOINT OPERATING
Lease Name and No.: TED 1H-15-10
Surface Hole Location: 1200' FNL - 2058' FWL Gr. Elevation: 2301'
SW1/4-SE1/4-NE1/4-NN1/4 Section: 22 Township: 18N Range: 23W I.M.
Bottom Hole Location: 2149' FNL - 2572' FWL
NE1/4-SE1/4-SE1/4-NN1/4 Section: 10 Township: 18N Range: 23W I.M.
County: Ellis State of Oklahoma
Terrain at Loc.: Location fell on a very hilly land.



All bearings shown
are grid bearings.

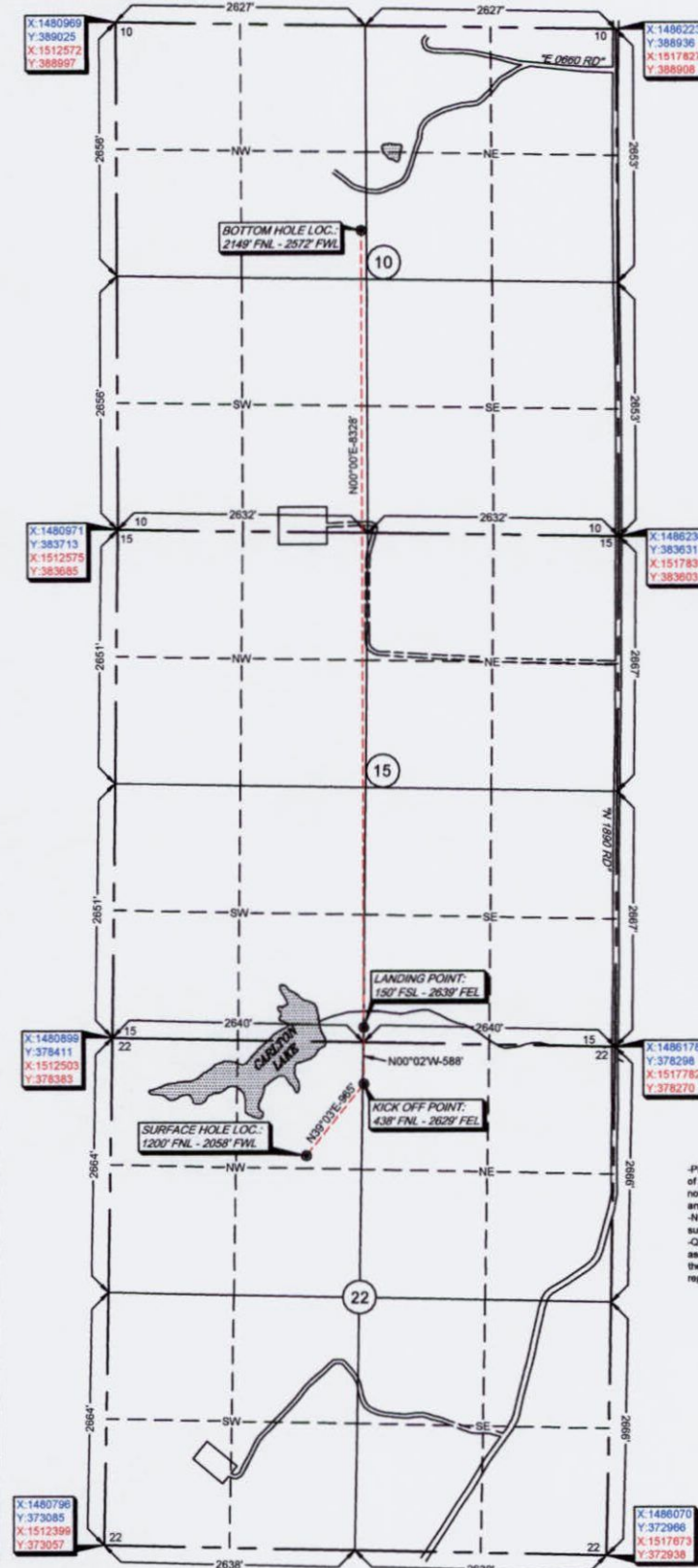
0 750 1500 2250
1" = 1500'

GPS DATUM

NAD 83

NAD 27

OK NORTH ZONE



Surface Hole Loc.: Lat: 36°01'29.44"N Lon: 99°38'31.73"W Lat: 36.02484394 Lon: -99.64214787 X: 1482933.47 Y: 377167.17	Surface Hole Loc.: Lat: 36°01'29.28"N Lon: 99°38'30.33"W Lat: 36.02479920 Lon: -99.64175769 X: 1514537.03 Y: 377139.25
Kick Off Point: Lat: 36°01'36.95"N Lon: 99°38'24.49"W Lat: 36.02693044 Lon: -99.64013485 X: 1483541.48 Y: 377916.53	Kick Off Point: Lat: 36°01'36.79"N Lon: 99°38'23.08"W Lat: 36.02688573 Lon: -99.63974468 X: 1515145.04 Y: 377888.60
Landing Point: Lat: 36°01'42.76"N Lon: 99°38'24.61"W Lat: 36.02854537 Lon: -99.64016942 X: 1483541.19 Y: 378504.49	Landing Point: Lat: 36°01'42.60"N Lon: 99°38'23.21"W Lat: 36.02850070 Lon: -99.63977923 X: 1515144.75 Y: 378476.56
Bottom Hole Loc.: Lat: 36°03'05.11"N Lon: 99°38'26.32"W Lat: 36.05141965 Lon: -99.64064435 X: 1483541.48 Y: 386832.40	Bottom Hole Loc.: Lat: 36°03'04.95"N Lon: 99°38'24.91"W Lat: 36.05137544 Lon: -99.64025394 X: 1515145.07 Y: 386804.43

-Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.
-NOTE: X and Y data shown herein for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.
-Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

Survey and plat by:
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires June 30, 2022

Invoice #9644
Date Staked: 10/08/2021 By: B.H.
Date Drawn: 10/13/2021 By: J.L.
Added Bore Path: 12/29/2021 By: J.L.

Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Lance G. Mathis
LANCE G. MATHIS

12/29/2021

XX LPLS 1664





Well Location Plat

S.H.L. Sec. 22-18N-23W I.M.
B.H.L. Sec. 10-18N-23W I.M.

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1" = 1500'

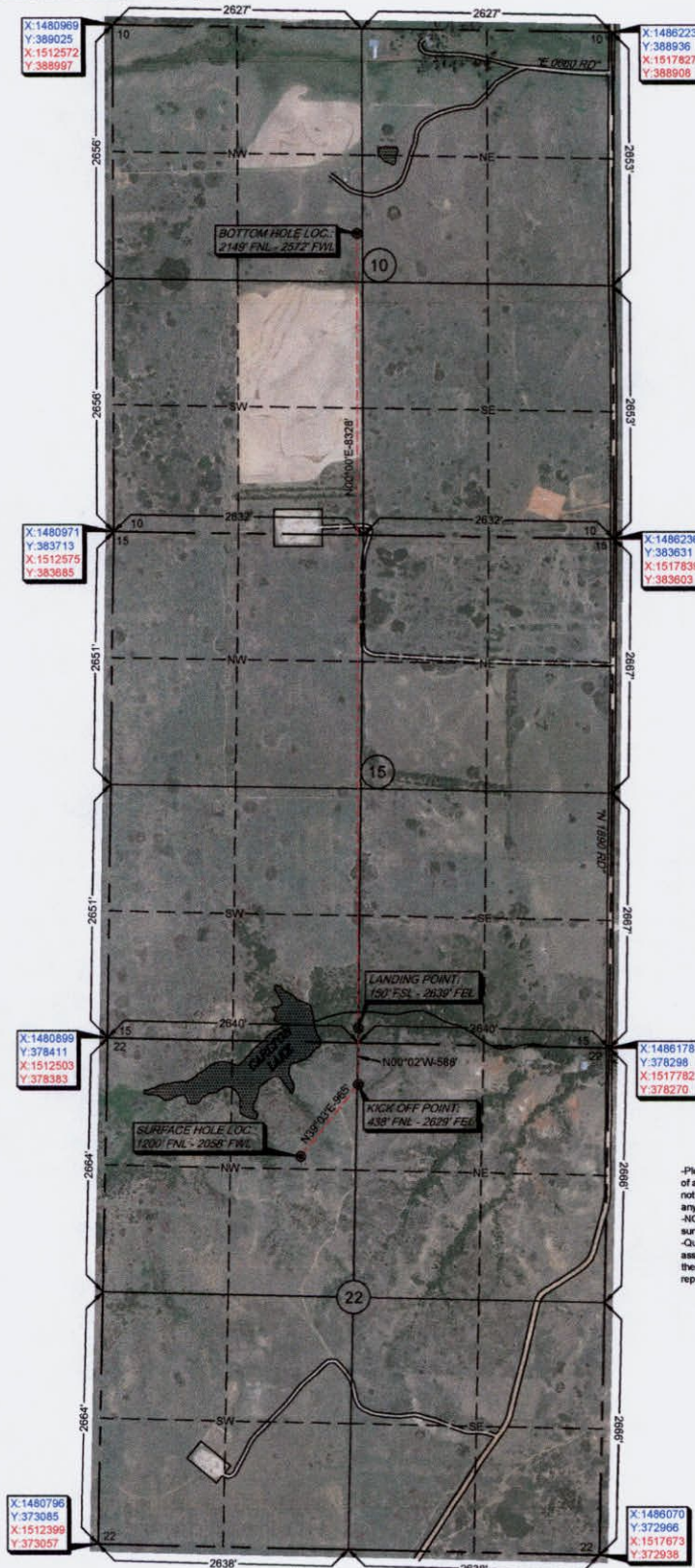
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OK NORTH ZONE

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Lon: 99°38'31.73"W	Lon: 99°38'30.33"W
Lat: 36.02484394	Lat: 36.02479920
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X: 1482933.47	X: 1514537.03
Y: 377167.17	Y: 377139.25
Kick Off Point:	Kick Off Point:
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Lat: 36.02693044	Lat: 36.02688573
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Landing Point:	Landing Point:
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Lon: 99°38'24.61"W	Lon: 99°38'23.21"W
Lat: 36.02854537	Lat: 36.02850070
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X: 1483541.48	X: 1515145.07
Y: 386832.40	Y: 386804.43



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-NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.
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P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires June 30, 2022

Invoice #9644
Date Staked: 10/08/2021 By: B.H.
Date Drawn: 10/13/2021 By: J.L.
Added Bore Path: 12/29/2021 By: J.L.

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Lance G. Mathis
LANCE G. MATHIS

12/29/2021

XX LPLS 1664



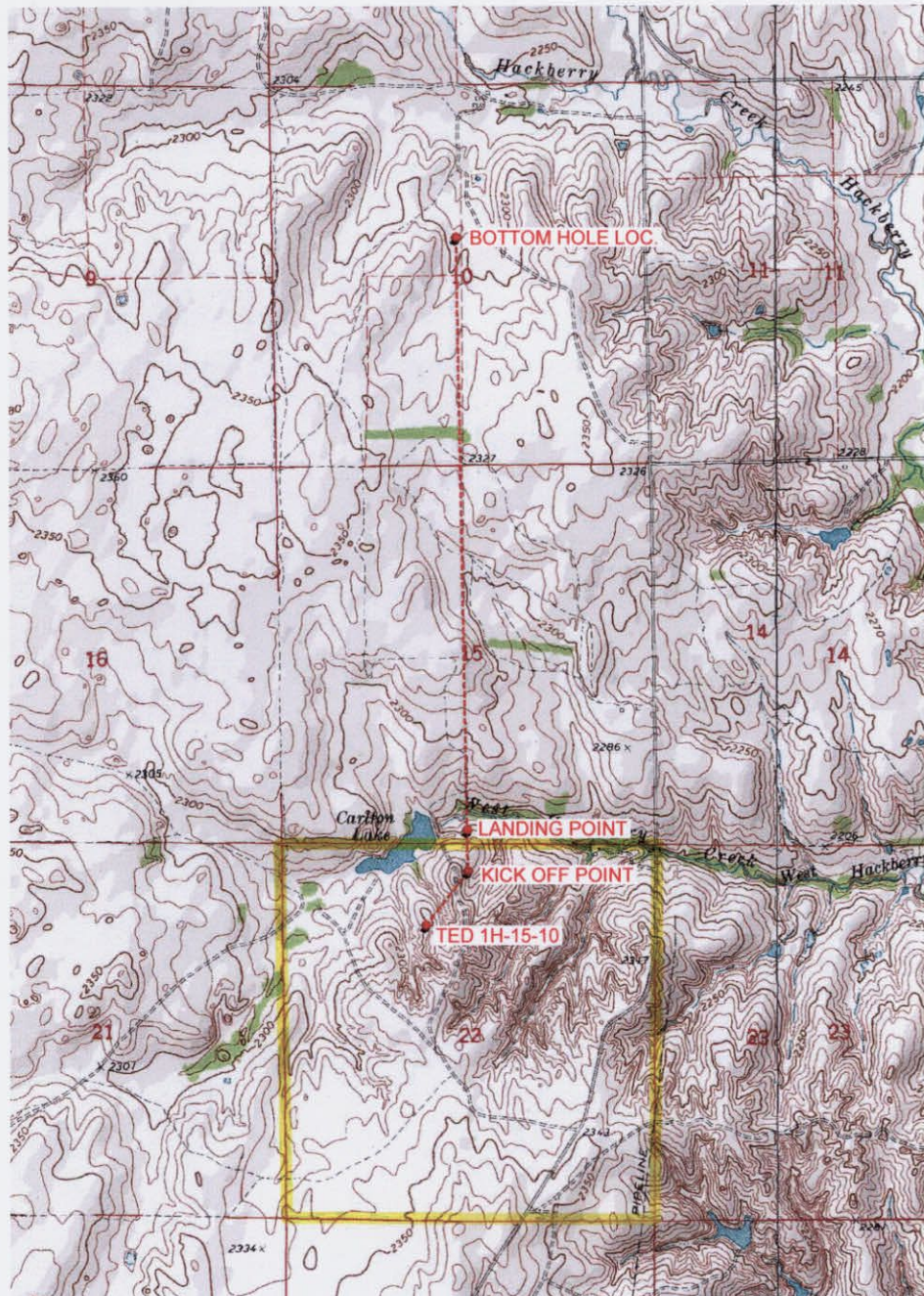


Topographic Vicinity Map

Operator: VALPOINT OPERATING
Lease Name and No.: TED 1H-15-10
Surface Hole Location: 1200' FNL - 2058' FWL
Kick Off Point: 438' FNL - 2629' FEL
Sec. 22 Twp. 18N Rng. 23W I.M.
Landing Point: 150' FSL - 2639' FEL
Sec. 15 Twp. 18N Rng. 23W I.M.
Bottom Hole Location: 2149' FNL - 2572' FWL
Sec. 10 Twp. 18N Rng. 23W I.M.
County: Ellis State of Oklahoma
Ground Elevation at Surface Hole Location: 2301'



Scale 1" = 2000'
Contour Interval: 10'



Provided by:
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Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348
Expires June 30, 2022

Date Staked: 10/08/2021

The purpose of this map is to verify the location and elevation as staked on the ground and to show the surrounding Topographic features. The footage shown hereon is only as SCALED onto a U.S.G.S. Topographic Map.

Please note that this location was staked carefully on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed.

Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined.

County Highway Vicinity Map

Job #: 9644

Operator: VALPOINT OPERATING

Lease Name and No.: TED 1H-15-10

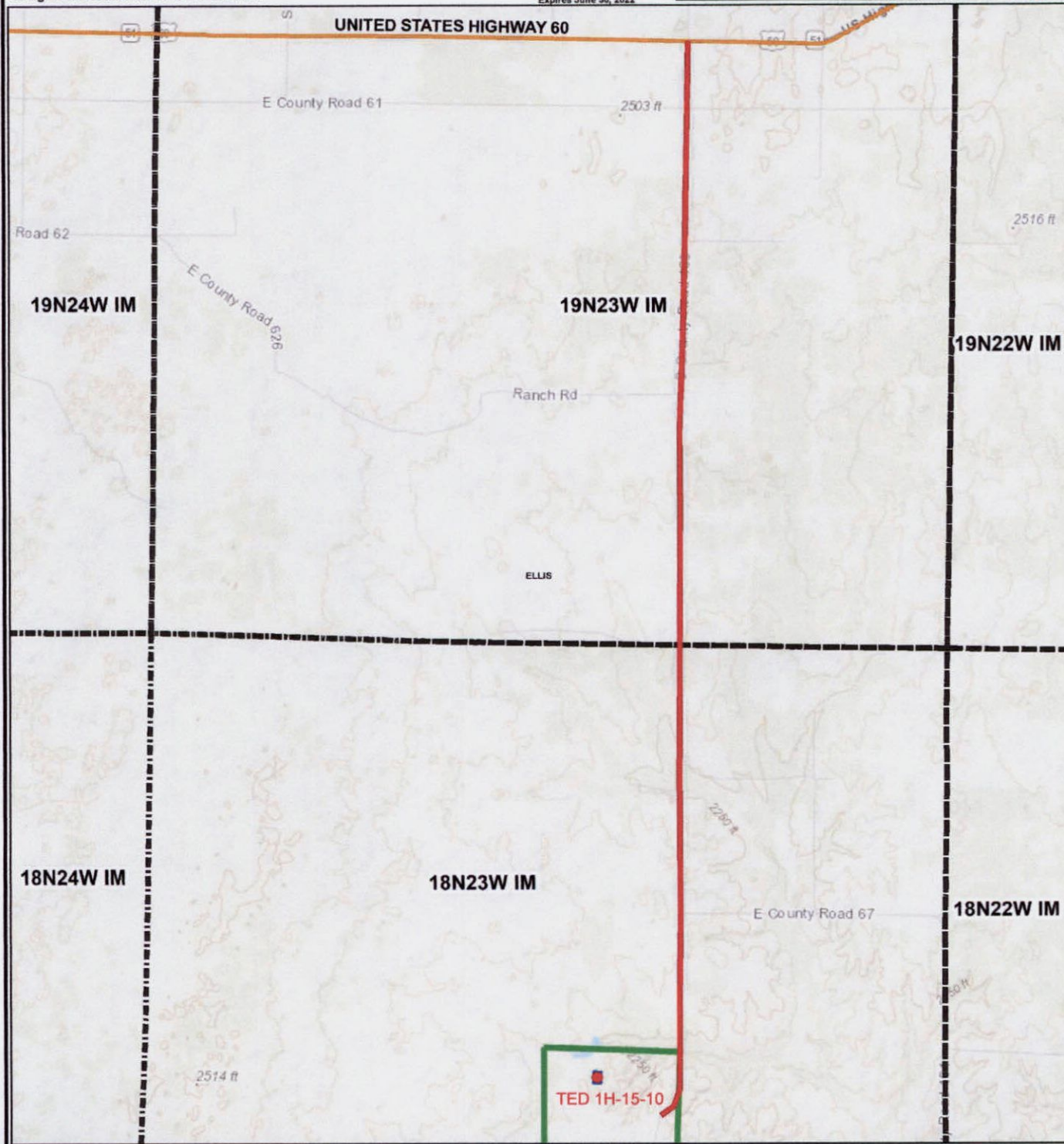
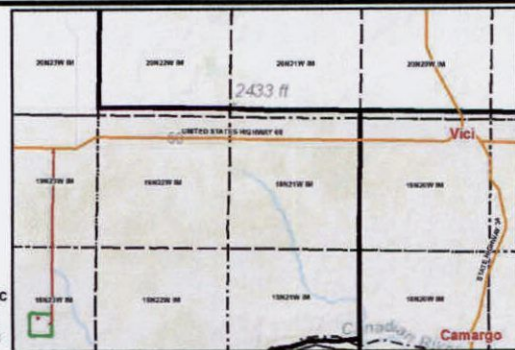
Accessibility: From the Southwest.

Directions: From the junction of Highway 60 & "SCR 189 Rd." in Ellis County, OK, go 8.5 miles South on "SCR 189 Rd." to the Southeast Quarter of Section 22-18N-23W with the proposed location being on the West side of "SCR 189 Rd."



1 inch = 1 mile

provided by,
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
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Certificate of Authorization No. 5348
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Anti-Collision

Sec(s). 10, 15, & 22-18N-23W I.M.

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County: Ellis State of Oklahoma

- SHL
- KOP, LP, BHL
- Bore Path
- OCC Wells
- Pad
- Counties
- Township-Range
- Sections

