API NUMBER: 153 23646

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

Approval Date:	10/30/2020
Expiration Date:	04/30/2022

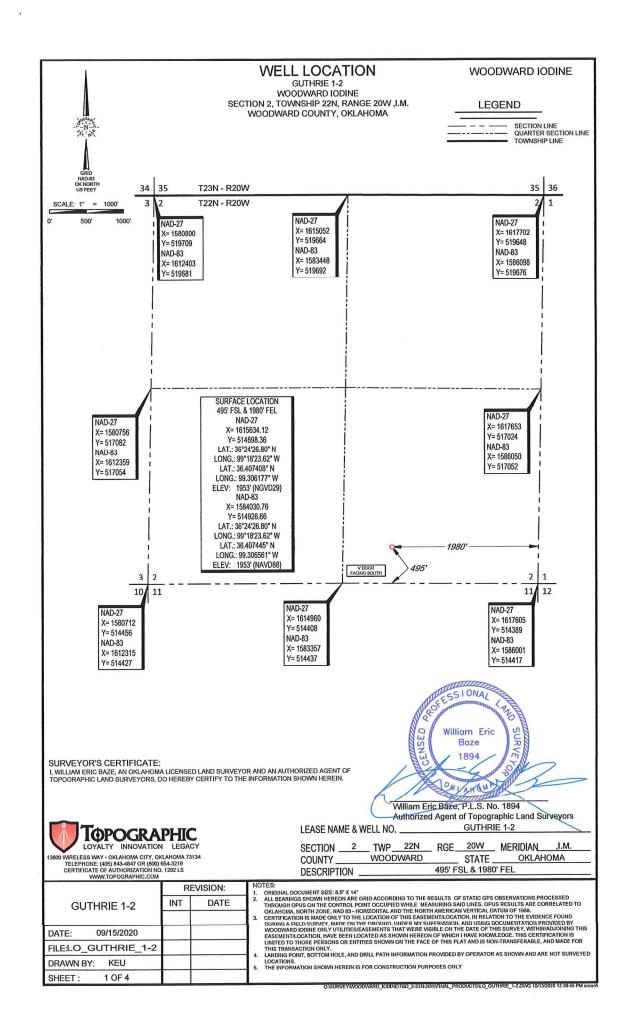
Straight Hole Oil & Gas

## **PERMIT TO DRILL**

WELL LOCATION: Section:	02 Township: 22N	Range: 20W	County	VOODWARD				
SPOT LOCATION: N2	SW SE FE	EET FROM QUARTER: FROM	SOUTH	FROM <b>EAST</b>				
		SECTION LINES:	495	1980				
Lease Name: GUTHRIE		Well No:	1-2		Well will be	495 feet from	nearest unit or le	ease boundary.
Operator Name: WOODWA	RD IODINE CORPORATION	Telephone	58025433	11		ОТС	C/OCC Number:	12837 0
WOODWARD IODINE	CORPORATION			DAVID GUTHRIE	<b>=</b>			
PO BOX 1245				207247 E CR 41				
WOODWARD,	OK 738	802-1245		WOODWARD		OK	73801	
WOODWIND,	OK 700	302 1240		WOODWARD		OK	73001	
				<u> </u>				
Formation(s) (Permit	/alid for Listed Formation	ons Only):						
Name	Code	Depth						
	402MWSD	8070						
1 MORROW SAND	402101003D	8070						
Spacing Orders: 42740	402.01003D	Location Exce	ption Orders	: 714765		Increased Der	nsity Orders: No	Density Orders
		Location Exce	ption Orders				isity Orders.	Density Orders Special Orders
Spacing Orders: 42740		Location Exce	terest owne	rs' notified: ***	Depth to		ecial Orders: No	Special Orders
Spacing Orders: 42740  Pending CD Numbers: No Pe	nding  Ground Elevation: 1953	Location Exce Working in	terest owne	rs' notified: ***		Spe base of Treatable	ecial Orders: No	Special Orders
Spacing Orders: 42740  Pending CD Numbers: No Pe  Total Depth: 8500	nding  Ground Elevation: 1953 diction: No	Location Exce Working in	terest owne	rs' notified: ***	disposal of Drillin	Spendage of Treatable ong Fluids:	ecial Orders: No Water-Bearing FN	Special Orders
Spacing Orders: 42740  Pending CD Numbers: No Pe  Total Depth: 8500  Under Federal Juris	nding  Ground Elevation: 1953  diction: No  Drilled: Yes	Location Exce Working in	terest owne	rs' notified: ***  340  Approved Method for	disposal of Drillin	Spendage of Treatable ong Fluids:	ecial Orders: No Water-Bearing FN	Special Orders  A: 290  NO: 20-37430
Spacing Orders: 42740  Pending CD Numbers: No Pe  Total Depth: 8500  Under Federal Juris  Fresh Water Supply Well  Surface Water used	nding  Ground Elevation: 1953  diction: No  Drilled: Yes	Location Exce Working in	terest owne	Approved Method for D. One time land applic H. (Other)	disposal of Drillin ation (REQUIRE	Spendage of Treatable on Fluids:  ES PERMIT)  CLOSED SYSTEM:	ecial Orders: No Water-Bearing FN	Special Orders  A: 290  NO: 20-37430
Spacing Orders: 42740  Pending CD Numbers: No Pe Total Depth: 8500  Under Federal Juris Fresh Water Supply Well Surface Water used	nding  Ground Elevation: 1953  diction: No  Drilled: Yes	Working in Surface	terest owne	Approved Method for D. One time land applic H. (Other)	disposal of Drillin ation (REQUIRE C R	Spendage of Treatable on Fluids:  ES PERMIT)  CLOSED SYSTEM:	ecial Orders: No Water-Bearing FN	Special Orders  A: 290  NO: 20-37430
Spacing Orders: 42740  Pending CD Numbers: No Pe Total Depth: 8500  Under Federal Juris Fresh Water Supply Well Surface Water used	nding  Ground Elevation: 1953  diction: No  Drilled: Yes to Drill: No	Working in Surface	terest owne	Approved Method for D. One time land applic H. (Other)  Category Liner not required for	disposal of Drillin ation (REQUIRE C R	Spendase of Treatable  Ing Fluids:  ES PERMIT)  CLOSED SYSTEM  REQUEST	ecial Orders: No Water-Bearing FN	Special Orders  A: 290  NO: 20-37430
Spacing Orders: 42740  Pending CD Numbers: No Pe  Total Depth: 8500  Under Federal Juris Fresh Water Supply Well Surface Water used  PIT 1 INFORMATION Type of Pit System:	nding  Ground Elevation: 1953  diction: No  Drilled: Yes to Drill: No  CLOSED Closed System Met	Working in Surface	terest owne	Approved Method for D. One time land applic H. (Other)  Category Liner not required for	disposal of Drillin ration (REQUIRE C Of Pit: C r Category: C ion is: BED AQU	Spendage of Treatable of Treata	ecial Orders: No Water-Bearing FN	Special Orders  A: 290  NO: 20-37430
Spacing Orders: 42740  Pending CD Numbers: No Pe Total Depth: 8500  Under Federal Juris Fresh Water Supply Well Surface Water used  PIT 1 INFORMATION Type of Pit System: Type of Mud System: Chlorides Max: 8000 Average:	nding  Ground Elevation: 1953  diction: No  Drilled: Yes to Drill: No  CLOSED Closed System Met	Location Excel  Working in  Surface	terest owne	Approved Method for D. One time land applic H. (Other)  Category Liner not required for Pit Locat	disposal of Drillin ration (REQUIRE C Of Pit: C r Category: C ion is: BED AQU	Spendage of Treatable of Treata	ecial Orders: No Water-Bearing FN	Special Orders  A: 290  NO: 20-37430
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Spacing Orders: 42740  Pending CD Numbers: No Pe  Total Depth: 8500  Under Federal Juris Fresh Water Supply Well Surface Water used  PIT 1 INFORMATION Type of Pit System: Type of Mud System: Chlorides Max: 8000 Average: Is depth to top of ground Within 1 mile of munici	nding  Ground Elevation: 1953  diction: No  Drilled: Yes to Drill: No  CLOSED Closed System Me: WATER BASED 5000  water greater than 10ft below	Location Excel  Working in  Surface	terest owne	Approved Method for D. One time land applic H. (Other)  Category Liner not required for Pit Locat	disposal of Drillin ration (REQUIRE C Of Pit: C r Category: C ion is: BED AQU	Spendage of Treatable of Treata	ecial Orders: No Water-Bearing FN	Special Orders  A: 290  NO: 20-37430

NOTES:

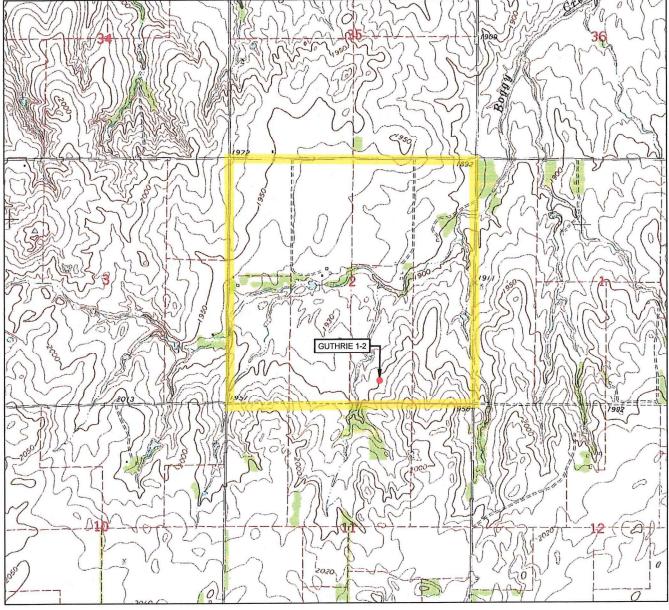
Category	Description
HYDRAULIC FRACTURING	[10/30/2020 - GC2] - OCC 165:10-3-10 REQUIRES:
	1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT 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
LOCATION EXCEPTION - 714765	10/30/2020 - G56 - (F.O.) 2-22N-20W X42740 MWSD SHL 495' FSL, 1980' FEL WOODWARD IODINE CORPORATION 10/5/2020
SPACING - 42740	10/30/2020 - G56 - (640) 2-22N-20W EXT 34681 MWSD



## WELL LOCATION WOODWARD IODINE **GUTHRIE 1-2** WOODWARD IODINE SECTION 2, TOWNSHIP 22N, RANGE 20W,I.M. WOODWARD COUNTY, OKLAHOMA **LEGEND** SECTION LINE QUARTER SECTION LINE TOWNSHIP LINE SCALE: 1" 1000' NAD-27 X= 1617653 Y= 517024 NAD-83 X= 1586050 Y= 517052 X= 1617605 Y= 514389 NAD-83 X= 1586001 Y= 514417 10 SSIONAL William Eric Baze SURVEYOR'S CERTIFICATE: 1894 I, WILLIAM ERIC BAZE, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC LAND SURVEYORS, DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN. CKYAHOM William Eric Baze, P.L.S. No. 1894 Authorized Agent of Topographic Land Surveyors **GUTHRIE 1-2** LEASE NAME & WELL NO. \_ TOPOGRAPHIC LOYALTY INNOVATION LEGACY TWP\_\_22N \_ RGE \_\_20W \_ MERIDIAN\_ SECTION \_ 13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134 TELEPHONE: (405) 843-4847 OR (800) 654-3219 CERTIFICATE OF AUTHORIZATION 100. 1292 LS WWW.TOPOGRAPHIC.COM WOODWARD STATE OKLAHOMA COUNTY 495' FSL & 1980' FEL DESCRIPTION NOTES: 1. ORIGINAL DOCUMENT SIZE: 8.5° X 14° 2. ALL BEARINGS SHOWN HEREON ARE GRID ACCORDING TO THE RESULTS OF STATIC GPS OBSERVATIONS PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES, OPUS RESULTS ARE CORRELATED TO OKAHOMA, NORTH ZONE, NAD 83 - HORIZONTAL AND THE NORTH AMERICAN VERTICAL DATUM OF 1980. CERTIFICATION IS MADE OIL TO THE LOCATION OF THIS ESSEMENTIACOATION, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ONL'HE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY WOODWARD DOINE ONLY UNLIHES RESULTED AS SHOWN HEREON OF WHICH I HAVE VERY KINOMALEDER, INSIDERY CHINICADOR IN THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERDABLE, AND MADE FOR THIS TRANSACTION ONLY. 1. JANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR AS SHOWN AND ARE NOT SURVEYED LOCATIONS. REVISION: DATE INT **GUTHRIE 1-2** DATE: 09/15/2020 FILE:LO\_GUTHRIE\_1-2 DRAWN BY: **KEU** LOCATIONS. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY SHEET: 2 OF 4

SURVEY/WOODWARD\_ODINE/1BD\_2-22N-20WFINAL\_PRODUCTS/LO\_GUTHRIE\_1-2.DWG 10/13/2020 12:38

# **LOCATION & ELEVATION VERIFICATION MAP**



LEASE NAME & WELL NO.			-	GUTHRIE 1-2				
SECTION COUNTY DESCRIPTION		TWP_ woo	22N DWARD		20W STATE _ SL & 1980	MERIDIAN OKLAH	,I.M. OMA	
ELEVATION	100000000000000000000000000000000000000	3' (NGV	/D29)					
	1953	' (NAV	D88)					

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 WOODWARD IODINE. 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 1983, U.S. SURVEY FEET AND THE NORTH AMERICAN VERTICAL DATUM OF 1988.

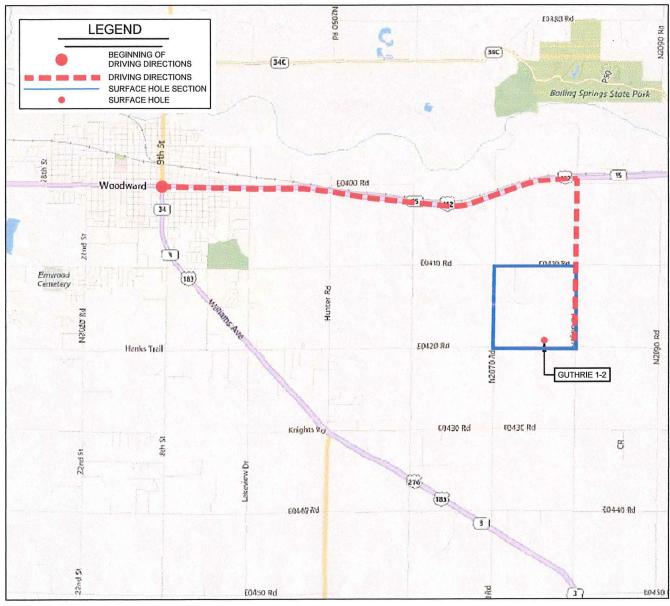




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#### WOODWARD IODINE

### **VICINITY MAP**



SECTION 2 TWP 22N RGE 20W MERIDIAN I.M.

COUNTY WOODWARD STATE OKLAHOMA

DESCRIPTION 495' FSL & 1980' FEL

DISTANCE & DIRECTION

FROM THE INTERSECTION OF HIGHWAY 183 AND HIGHWAY 412

IN WOODWARD OKLAHOMA, GO EAST ON HIGHWAY 412 FOR

APPROXIMATELY FIVE MILES. TURN SOUTH ONTO N.2080 RD.

GO APPROXIMATELY TWO MILES. LOCATION IS WEST INTO THE

FIELD APPROXIMATELY 1800 FEET.

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 WOODWARD IODINE, 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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