API NUMBER: 109 22491 A

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

Approval Date: 12/19/2019

Expiration Date: 06/19/2021

PERMIT NO: 19-37163

Horizontal Hole Oil & Gas

Amend reason: MOVE SHL, CHANGE WELL NAME, CHANGE SURFACE OWNER, ADJUST BHL

AMEND PERMIT TO DRILL

WELL LOCATION:	Section: 09	Township:	13N Rang	e: 4W	County: 0	OKLAH	IOMA					
SPOT LOCATION:	SW SW SW	NE	FEET FROM QUARTE	ER: FROM	NORTH	FROM	EAST					
			SECTION LINE	ES:	2448		2415					
Lease Name:	WINTERFELL 1304 09-3	3		Well No:	3ВН			Well will be	2415	feet from nearest unit or leas	e boundary.	
Operator Name:	REVOLUTION RESOUR	CES LLC		Telephone:	40553452	232				OTC/OCC Number:	24162 0	
REVOLUTION	N RESOURCES LLC	;										
14301 CALIBI	ER DR STE 110					4	ANNECY LLC					
OKLAHOMA (CITY,	OK	73134-1016			1	6538 MUIRFIELD) PL				
						l I∎	DMOND			OK 73013		

Formation(s) (Permit Valid for Listed Formations Only): Name Code Depth HUNTON 269HNTN 6917 Spacing Orders: 20212 Location Exception Orders: No Exceptions No Density Orders Increased Density Orders: No Special Orders Special Orders: Pending CD Numbers: Depth to base of Treatable Water-Bearing FM: 820 Total Depth: 17442 Ground Elevation: 1133 Surface Casing: 870 Under Federal Jurisdiction: No Approved Method for disposal of Drilling Fluids:

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

D. One time land application -- (REQUIRES PERMIT)
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

PIT 1 INFORMATION

Category of Pit: C

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 Category of Pit: C
 C

 Type of Pit System: CLOSED Closed System Means Steel Pits
 Liner not required for Category: C

 Type of Mud System: WATER BASED
 Pit Location is: NON HSA

 Chlorides Max: 5000 Average: 3000
 Pit Location Formation: SALT PLAINS

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

is not located in a Hydrologically Sensitive Area.

HORIZONTAL HOLE 1

Section: 33 Township: 14N Range: 4W Total Length: 10198

County: OKLAHOMA Measured Total Depth: 17442

Spot Location of End Point: NE NW NE SW True Vertical Depth: 6917

Feet From: SOUTH

1/4 Section Line: 2600

End Point Location from Lease, Unit, or Property Line: 1500

NOTES:

Category	Description
HYDRAULIC FRACTURING	12/17/2019 - 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
SPACING - 20212	12/19/2019 - GC2 - (UNIT) 9, 16, & 21-13N-4W EST WEST EDMOND HUNTON LIME UNIT FOR THE HNTN

TOPOGRAPHIC LAND SURVEYORS 13800 Wireless Way, Okla City, OK, 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

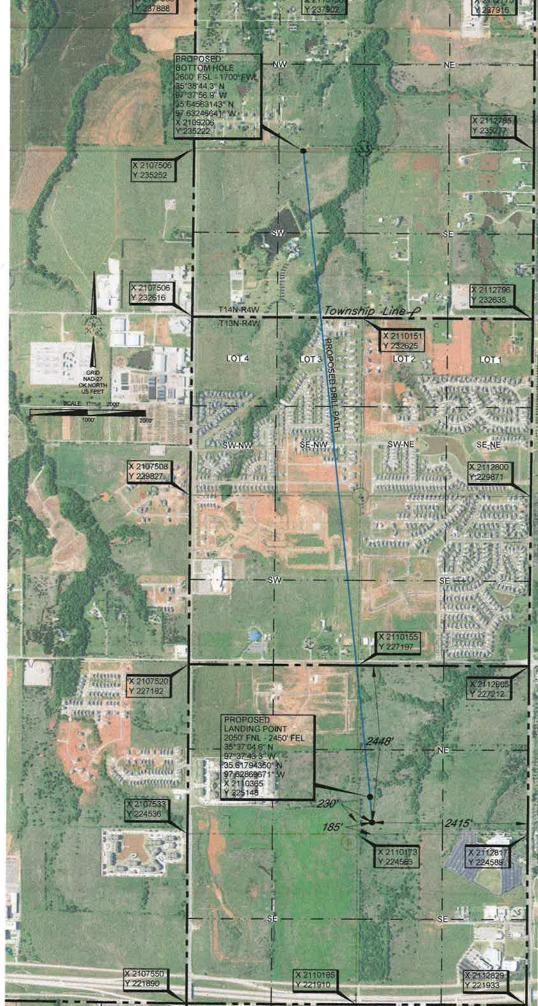
Certificate of Authorization No. 1292 LS OKLAHOMA County, Oklahoma <u>4W</u> I.M. 2448' FNL - 2415' FEL 9 Township _ 13N Range Section API: 109-22491A X 2107506 Y 237888 X 2110138 Y 237902 X 2112775 Y 237916 PROPOSED BOTTOM HOLE 2600' FSL - 1700' FW 35"38'44.3" N 97"37'56.9" W 35.64563143° N 97.63246641° W X 2112785 Y 235277 X 2109206 Y 235222 X 2107506 Y 235252 SW SE X 2107506 Y 232616 X 2112796 Y 232635 T14N-R4W Line P T13N-R4W X 211015 PROPOSED DRIL Y 232625 LOT 4 LOT 3 LOT 2 LOT 1 NOTES: The information shown herein is for construction purposes ONLY.
Location is not within a flood zone.
Landing Point, Bottom Hole and Drill Path
information provided by client listed, not surveyed. SW-NW SE-NW SW-NE SE-NE X 2112800 Y 229871 X 2107508 Y 229827 NAD-27 DATUM:_ 35°37'00.7" N LAT: LONG: 97°37'42.9" W SE LAT: __ 35.61685143° N LONG: 97.62857836° W STATE PLANE COORDINATES (US FEET): X 2110155 ZONE: OK NORTH X 2110401 Y 224751 X 2112805 Y 227212 This information was gathered with a GPS receiver with ±1 foot Horiz. Vert. accuracy. PROPOSED LANDING POINT 2050' FNL - 2450' FEL **CERTIFICATE:** 35°37'04.6" N 97°37'43.3" W 35.61794350° N T. Wayne Fisch an Oklahoma Licensed Land Surveyor and an authorized 97.62869671° W X 2110365 Y 225148 agent of Topographic Land Surveyors, do hereby certify to the information shown herein. X 2107533 230 2415 185 9 T. Ways X 2110173 Y 224563 X 2112817 Y 224589 1378 Oklahoma Reg. No. Mark Service AROF ESSIONAL WAYNE SURNING SURVING SURVIN SUR X 2107550 Y 221890 X 2112829 Y 221933 S REVISION X 1 DATE OF DRAWING: FEBRUARY 20, 2020 DATE STAKED: FEBRUARY 19, 2020 PROJECT # 131794 OPERATOR: REVOLUTION RESOURCES **ELEVATION:** LEASE NAME: Winterfell 1304 09-33 WELL NO: 3BH 1133' Gr. at Stake (NGVD 29) Location fell in sloping pasture TOPOGRAPHY & VEGETATION REFERENCE STAKES OR ALTERNATE LOCATION Yes GOOD DRILL SITE? STAKES SET: None From North off county road BEST ACCESSIBILITY TO LOCATION: DISTANCE & DIRECTION: The junction of MacArthur Boulevard & 150th St, being the Northeast Corner of Section 9-T13N-R4W.

TOPOGRAPHIC LAND SURVEYORS

LOCAL (405) 843-4847 * Authorization No. 1292 LS 13800 Wireless Way, Okla, City, OK. 73134 *OUT OF STATE (800) 654-3219

OKLAHOMA

County, Oklahoma 2448' FNL - 2415' FEL Section 13N 4W_ I.M. Township Range



NOTES:

- TEG.
 The information shown herein is for construction purposes <u>ONLY</u>.
 Location is not within a flood zone.
 Landing Point, Bottom Hole and Drill Path
- information provided by client listed, not surveyed

DATUM: NAD-27 35°37'00.7" N LONG: _ 97°37'42.9" W LAT: 35.61685143° N

LONG: 97.62857836° W

STATE PLANE

COORDINATES (US FEET):

ZONE: OK NORTH X 2110401

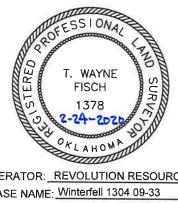
Y 224751

This information was gathered with a GPS receiver ith ±1 foot Horiz, Vert. accuracy.

CERTIFICATE:

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. Ways 1378 Oklahoma Reg. No.



OPERATOR: REVOLUTION RESOURCES

LEASE NAME: Winterfell 1304 09-33

TOPOGRAPHY & VEGETATION:

Location fell in sloping pasture

3BH WELL NO:_

REVISION X 1

PROJECT # 131794

DATE OF DRAWING: FEBRUARY 20, 2020 KH DATE STAKED: FEBRUARY 19, 2020

ELEVATION:

1133' Gr. at Stake (NGVD 29)

REFERENCE STAKES OR ALTERNATE LOCATION GOOD DRILL SITE? Yes STAKES SET:. None

BEST ACCESSIBILITY TO LOCATION: From North off county road

DISTANCE & DIRECTION: The junction of MacArthur Boulevard & 150th St, being the Northeast Corner of Section 9-T13N-R4W.

TOPOGRAPHIC LAND SURVEYORS

Surveying and Mapping for the Energy Industry 13800 Wireless Way Oklahoma City, OK 73134 www.topographic.com Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

LOCATION & ELEVATION VERIFICATION MAP

Sec	9	Twp	13N	_Rng	4W	I.M.
County		OKLAHOMA		State	ОК	
Operator_		REVOLUTION R	ESOURC	ES		
Description	ı_	2448' FNL - 24	15' FEL			
Lease		WINTERFELL 1	1304 09-33	3BH		
Elevation_		_1133' Gr. at Sta	ke (NGVE	29)		

Above Background Data from U.S.G.S. Topographic Map Scale: 1"=2000'

Contour	Interval	10'
A 4 11 11 6 11 11	THIELVAL	10

When elevation is shown hereon it is the ground elevation of the location stake.

Review this plat and inform us immediately of any possible discrepancy.



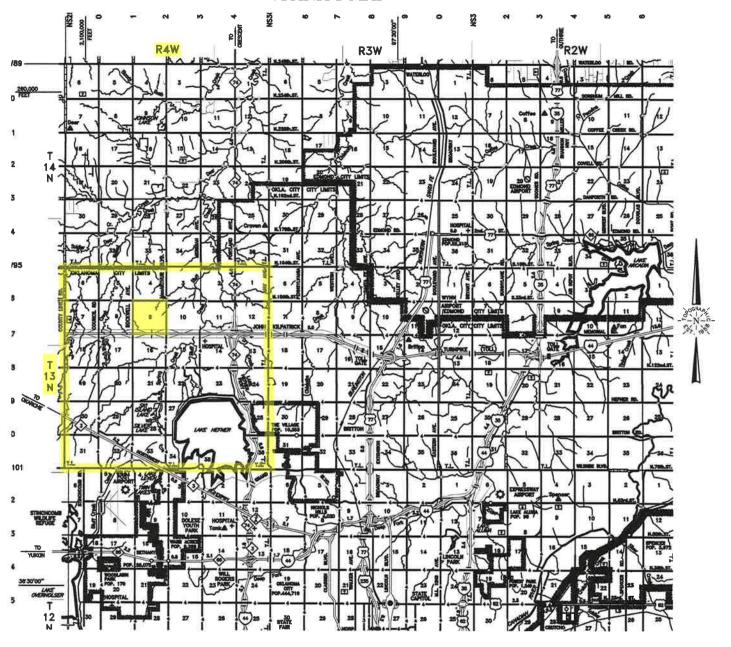
13800 WIRELESS WAY OKLAHOMA CITY, OKLAHOMA 73134 TELEPHONE: (405) 843-4847 OR (800) 654-3219 FAX (817) 744-7554 WWW.TOPOGRAPHIC,COM CERTIFICATE OF AUTHORIZATION NO. 1292 LS

STAKE DATE: FEBRUARY 19, 2020

TOPOGRAPHIC LAND SURVEYORS

Surveying and Mapping for the Energy Industry 13800 Wireless Way Oklahoma City, OK 73134 www.topographic.com Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

VICINITY MAP



Sec	9	Twp	13N	Rng	4W	I.M.
County		OKLAHOMA		State	ОК	
Operator_		REVOLUTION I	RESOUF	RCES		

(Scale: 1" = 3 Miles)



13800 WIRELESS WAY OKLAHOMA CITY, OKLAHOMA 73134 TELEPHONE: (405) 843-4847 OR (800) 654-3219 FAX (817) 744-7554 WWW.TOPOGRAPHIC.COM CERTIFICATE OF AUTHORIZATION NO. 1292 LS