API NUMBER: 109 22493 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

Horizontal Hole Oil & Gas

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

### **AMEND PERMIT TO DRILL**

WELL LOCATION:	Section: 09	Township:	13N Rang	e: 4W	County:	OKLA	НОМА						
SPOT LOCATION:	SW SW SW	NE	FEET FROM QUART	ER: FROM	NORTH	FRO	M EAST						
			SECTION LIN	ES:	2448		2405						
Lease Name:	WINTERFELL 1304 09-	21		Well No:	4BH			Well will be	2405	feet from	n nearest unit or leas	e bounda	ry.
Operator Name:	REVOLUTION RESOUR	RCES LLC		Telephone:	4055345	5232				ОТО	C/OCC Number:	24162	0
REVOLUTION	N RESOURCES LL	С				]							
14301 CALIBER DR STE 110					ANNECY LLC								
OKLAHOMA (	CITY,	OK	73134-1016				16538 MUIRFIELD	) PL					
							EDMOND			OK	73013		

Formation(s) (Permit Valid	for Listed Formations	Only):				
Name	Code	Depth				
HUNTON	269HNTN	6880				
Spacing Orders: 20212		Location Exception Orders	No Exceptions		Increased Density Orders:	No Density Orders
Pending CD Numbers: No Pending					Special Orders:	No Special Orders
Total Depth: 17141	Ground Elevation: 1133	Surface Casing:	870	Depth to be	ase of Treatable Water-Bearing	ng FM: 820
Under Federal Jurisdiction: No			Approved Method for	diamana Laf Bullium	Fluida.	

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) PERMIT NO: 19-37164 H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST
PIT 1 INFORMATION	Category of Pit: C
Type of Pit System: CLOSED Closed System Means Steel Pits	Liner not required for Category: C
	Pit Location is: NON HSA
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

Pit is not located in a Hydrologically Sensitive Area.

HORIZONTAL HOLE	≣ 1			
Section: 21	Township: 13N	Range: 4W	Total Length:	9934
	County: OKLAHOMA		Measured Total Depth:	17141
Spot Location of E	nd Point: NW SW	SW NE	True Vertical Depth:	6880
Fe	et From: NORTH	1/4 Section Line: 2200	Ford Deleth continue force	

Feet From: NORTH 1/4 Section Line: 2200 End Point Location from
Feet From: EAST 1/4 Section Line: 2400 Lease,Unit, or Property Line: 2200

NOTES:

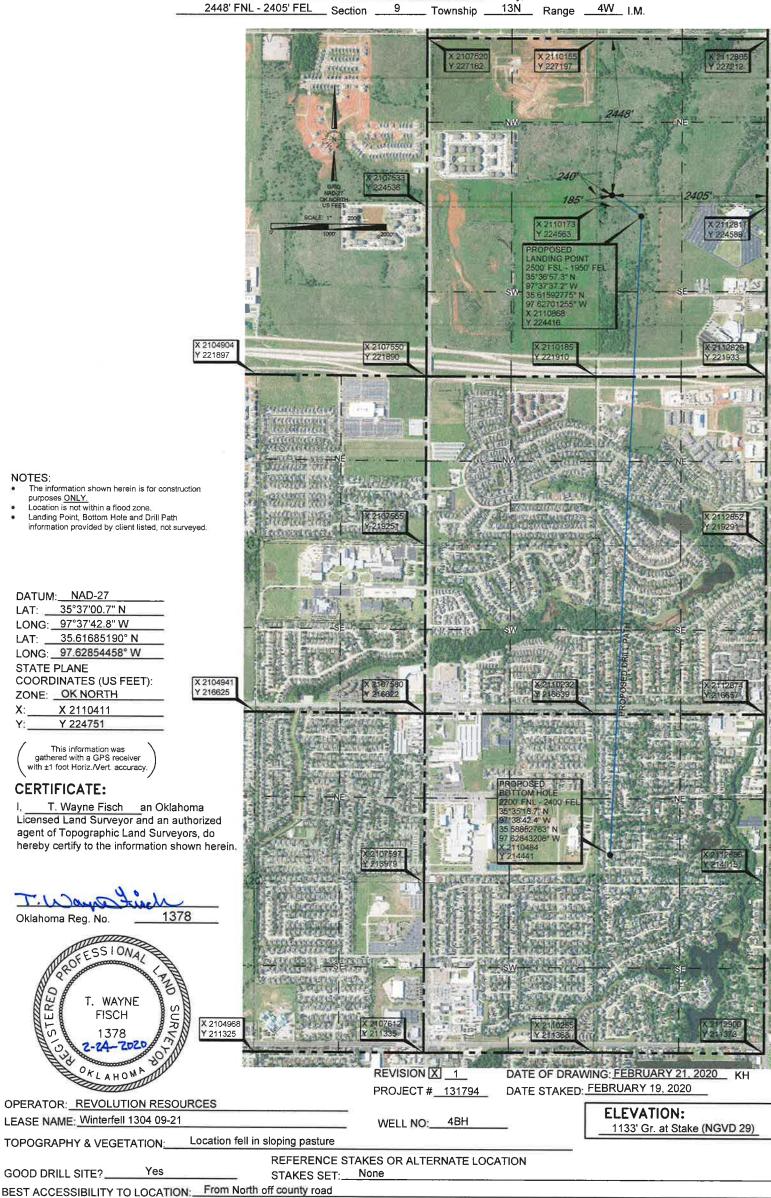
Category	Description
HYDRAULIC FRACTURING	12/17/2019 - G71 - OCC 165:10-3-10 REQUIRES:
	1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 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 & 4-13N-4W & 33-14N-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
Contificate of Authorization No. 1292 LS 34 \* LOCAL (405) 843-4847 \* of Authorization No. 1292 LS

**OKLAHOMA** County, Oklahoma 4W\_ I.M. 2448' FNL - 2405' FEL 13N Township Range X 2110155 Y 227197 X 2107520 Y 227182 X 2112805 Y 227212 API: 109-22493A 240' X 2107533 2405 9 X 2110173 Y 224563 X 2112817 Y 224589 LANDING POINT 2500' FSL - 1950' FEL 35°36'57 3" N 97°37'37 2" W 35,61592775° N 97,62701255° W X 2110868 Y 224416 X 2110185 Y 221910 X 2104904 Y 221897 X 2107550 Y 221890 X 2112829 Y 221933 NOTES:
The information ation 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. X 2112852 Y 219291 DATUM:\_ NAD-27 35°37'00.7" N LAT: LONG: 97°37'42.8" W 35.61685190° N LONG: 97.62854458° W OPOSED DRILL STATE PLANE COORDINATES (US FEET): X 2104941 Y 216625 ZONE: OK NORTH X 2110411 Y 224751 This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy. PROPOSED **CERTIFICATE:** PROPOSED BOTTOM HOLE 2200' FNL - 2400' FEI 35"35"18.7" N 97"38"42.4" W 35.58852763" N 97.62843208' W X 2110484 Y 2144441 T. Wayne Fisch an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify to the information shown herein. X 2112886 Y 214015 (21) T. Way Oklahoma Reg. No. 1378 A OF ESSIONAL sw EVOLUTIO' Vinterfr WAYNE X 2104968 Y 211325 X 2107612 Y 211335 X 2110255 Y 211363 REVISION X 1 DATE OF DRAWING: FEBRUARY 21, 2020 DATE STAKED: FEBRUARY 19, 2020 PROJECT # 131794 OPERATOR: REVOLUTION RESOURCES **ELEVATION:** LEASE NAME: Winterfell 1304 09-21 4BH WELL NO: 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 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.

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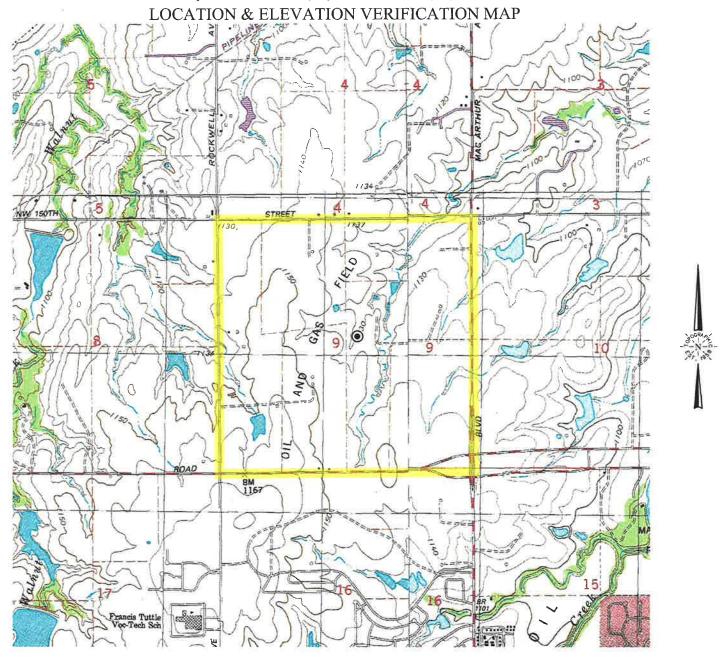
OKLAHOMA County, Oklahoma 2448' FNL - 2405' FEL



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



Sec9	Twp	13N Rng	4W	1.M.		
County	OKLAHOMA	State	ОК			
Operator	REVOLUTION RES	SOURCES				
Description_	2448' FNL - 2405	FEL				
LeaseWINTERFELL 1304 09-21 4BH						
Elevation	1133' Gr. at Stake	(NGVD 29)				

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

Contour Interval	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.



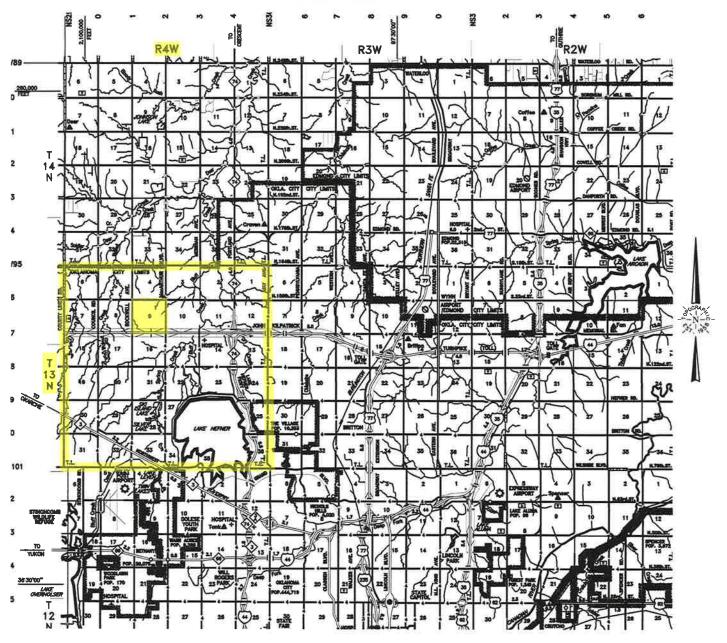
13800 WIRELESS WAY OKLAHOMA CITY, OKLAHOMA 73134 TELEPHONE: (405) 843-4847 OR (800) 854-3219 FAX (817) 744-7554 WWW.TOPOGRAPHIC.COM CERTIFICATE OF AUTHORIZATION NO. 1292 LS

STAKE DATE: FEBRUARY 19, 2020

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#### VICINITY MAP



Sec. 9 Twp. 13N Rng. 4W I.M.

County OKLAHOMA State OK

Operator REVOLUTION RESOURCES

(Scale: 1'' = 3 Miles)



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