API NUMBER: 109 22494 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

No Density Orders

Horizontal Hole Oil & Gas

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

#### **AMEND PERMIT TO DRILL**

VELL LOCATION:	Section: 09	Township:	13N Range:	4W	County: 0	OKLAHO	ИA		
POT LOCATION:	SW SW SW	NE	FEET FROM QUARTER:	FROM	NORTH	FROM	EAST		
			SECTION LINES:		2448		2395		
ease Name:	WINTERFELL 1304 09-3	33		Well No:	5BH			Well	ı

Operator Name: REVOLUTION RESOURCES LLC Telephone: 4055345232 OTC/OCC Number: 24162 0

REVOLUTION RESOURCES LLC 14301 CALIBER DR STE 110

OKLAHOMA CITY, OK 73134-1016

ANNECY LLC 16538 MUIRFIELD PL

EDMOND OK 73013

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

 Name
 Code
 Depth

 1
 HUNTON
 269HNTN
 6869

 Spacing Orders:
 20212
 Location Exception Order

Position CD Numbers No Pending Special Orders: No Special Orders

Pending CD Numbers: No Pending Special Orders: No S

Total Depth: 15916 Ground Elevation: 1134 Surface Casing: 870 Depth to base of Treatable Water-Bearing FM: 820

Location Exception Orders: No Exceptions

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: 19-37165

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

Increased Density Orders:

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits
Type of Mud System: WATER BASED
Chlorides Max: 5000 Average: 3000

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 <u>is not</u> located in a Hydrologically Sensitive Area.

Pit Location is: NON HSA
Pit Location Formation: SALT PLAINS

**HORIZONTAL HOLE 1** 

Section: 33 Township: 14N Range: 4W Total Length: 8720

County: OKLAHOMA Measured Total Depth: 15916
Spot Location of End Point: NE NE SW SE True Vertical Depth: 6869

Feet From: SOUTH 1/4 Section Line: 950 End Point Location from
Feet From: EAST 1/4 Section Line: 1525 Lease,Unit, or Property Line: 950

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

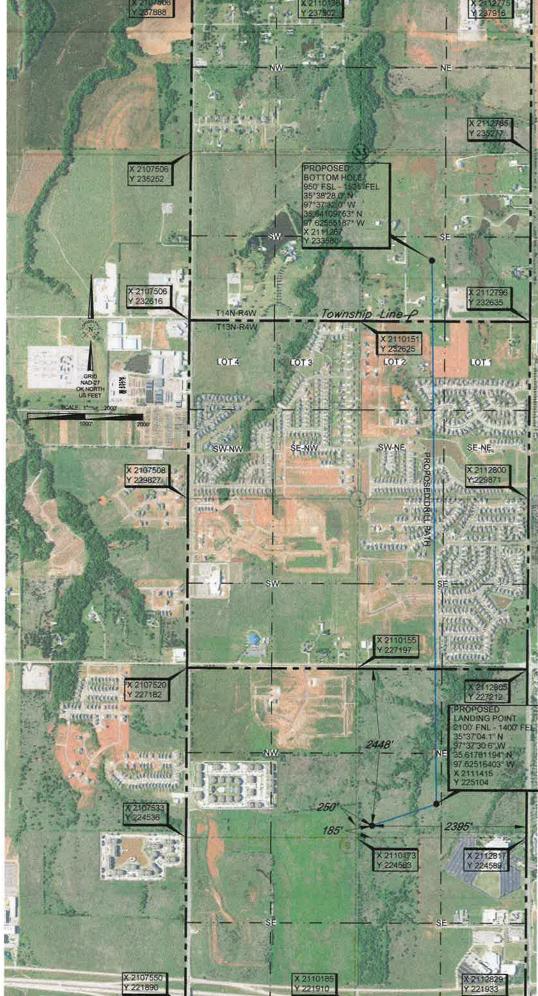
13800 Wireless Way, Okla, City, OK. 73134 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219 Certificate of Authorization No. 1292 LS

OKLAHOMA County, Oklahoma 2448' FNL - 2395' FEL 13N Range Section Township API: 109-22494A X 2107506 Y 237888 X 2112775 X 2110138 Y 237902 Y 237916 X 2112785 Y 235277 PROPOSED BOTTOM HOLE 950' FSL - 1525' FEL 35°38'28.0" N 97°37'32.0" W X 2107506 Y 235252 35.64109753° N 97.62555187° W X 2111267 Y 233580 X 2112796 Y 232635 T14N-R4W Township Line P T13N-R4W X 2110151 Y 232625 LOT 4 LOT 3 LOT 2 LOT 1 NOTES: TES:
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. SE-NW SW-NE SE-NE SW-NW PROPOSED DRILL PATH X 2112800 Y 229871 DATUM: NAD-27 35°37'00.7" N LONG: 97°37'42.6" W SW 35.61685162° N LAT: LONG: 97.62851123° W STATE PLANE COORDINATES (US FEET): X 2110155 Y 227197 ZONE: OK NORTH X 2110421 Y 224751 X 2112805 Y 227212 PROPOSED X 2107520 Y 227182 This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy. PROPOSED LANDING POINT 2100' FNL - 1400' FEL 35°37'04.1" N 97°37'30.6" W 35.61781194° N 97.62516403° W X 2111415 Y 225104 **CERTIFICATE:** 2448 NW 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 2107533 Y 224536 250 2395' T. Wan X 2110173 Y 224563 X 2112817 Y 224589 Oklahoma Reg. No. 1378 ROFESSIONAL SE WAYNE OKLAHOMA PRIMA X 2107550 Y 221890 X 211018 Y 221910 S Y 221933 REVISION X 1 DATE OF DRAWING: FEBRUARY 20, 2020 KH DATE STAKED: FEBRUARY 19, 2020 PROJECT # 131794 OPERATOR: REVOLUTION RESOURCES **ELEVATION:** LEASE NAME: Winterfell 1304 09-33 WELL NO:\_\_ 5BH 1134' Gr. at Stake (NGVD 29) Location fell in sloping pasture TOPOGRAPHY & VEGETATION: REFERENCE STAKES OR ALTERNATE LOCATION GOOD DRILL SITE?\_ Yes None STAKES SET: 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 y, Okia, City, OK 73134 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219 Cortificate of Authorization No. 1292 LS 13800 Wireless Way, Okla, City, OK, 73134

County, Oklahoma

OKLAHOMA <u>4W</u> I.M. 2448' FNL - 2395' FEL 13N Section Township Range



# 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.

DATUM:\_ NAD-27 35°37'00.7" N LONG: 97°37'42.6" W 35.61685162° N LAT: LONG: 97.62851123° W STATE PLANE COORDINATES (US FEET): ZONE: OK NORTH X 2110421

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

Location fell in sloping pasture

REVISION X 1 DATE OF DRAWING: FEBRUARY 20, 2020 DATE STAKED: FEBRUARY 19, 2020 PROJECT # 131794

**ELEVATION:** 5BH WELL NO:\_\_

1134' Gr. at Stake (NGVD 29)

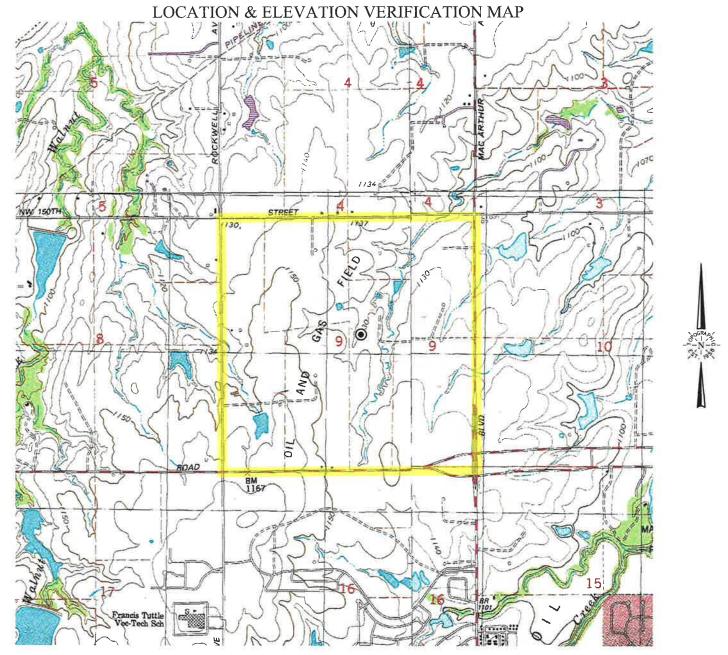
TOPOGRAPHY & VEGETATION: REFERENCE STAKES OR ALTERNATE LOCATION Yes GOOD DRILL SITE? None

STAKES SET: 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



Sec9	Twp	13N_Rng	4W	1.M.
County	OKLAHOMA	State	ОК	
Operator	REVOLUTION RES	SOURCES		
Description_	2448' FNL - 2395'	FEL		
Lease	WINTERFELL 130	04 09-33 5BH		
Elevation	1134' Gr. at Stake	(NGVD 29)		

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

Contour	Intorvol	10'	
1 (1111(1)11)	THEFTWAL	1111	

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.



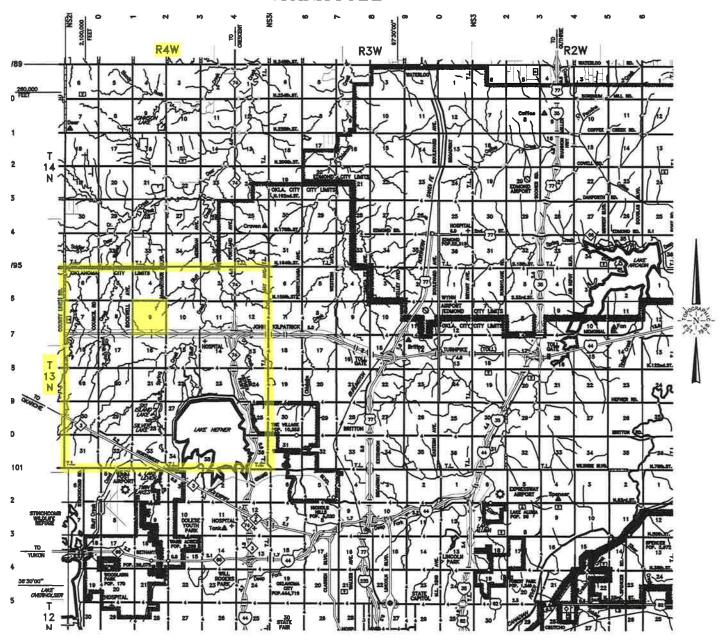
13800 WIRELESS WAY OKLAHOMA CITY, OKLAHOMA 73134 TELEPHONE: (405) 843-4947 OR (800) 654-3219 FAX (817) 744-7554 WW. TOPOGRAPHIC.COM CERTIFICATE OF AUTHORIZATION NO. 1292 LS

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	RESOUE	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