

Western Industrial Fracturing

For the Apache Junction Planning and Zoning Commission and the
citizens of Apache Junction

Mission Statement For Western Industrial Fracturing

- To build and expand our business through the safe and profitable use of high energy materials with the ability to in a controlled manner fracture and break hardened materials for the benefit of our clients.

THIS MAY INCLUDE:

- Breaking of concrete
- Breaking large rock or rock formations
- Trenching for new gas pipeling
- Purposes associated with mining

What we are asking:

- For the city of Apache Junction to allow us to use our explosives ATF approved storage magazine with an ATF approved barricade at our corporate headquarters in Apache Junction Arizona.
- With a weight not to exceed 125lbs
- That material will be processed through as needed.
- That security will be of utmost importance

Western Industrial Fracturing

NOTICE OF CLEARANCE

for individuals transporting, shipping, receiving, or possessing explosive materials.

ISSUED TO: WESTERN INDUSTRIAL FRACTURING LLC

Federal Explosives license/permit no.: 9-AZ-021-33-9K-00509

NOTICE DATE: 09/09/2016

Expiration Date: **October 1, 2019**

Explosives License/Permit Type: 33-USER OF EXPLOSIVES

EXPIRATION DATE: This Notice expires when superseded by a newer Notice which will list all current responsible persons and employee possessors, or when the license or permit expires - whichever comes first.

- ① **WARNING.** Only those individuals listed below as **RESPONSIBLE PERSONS** and **EMPLOYEE POSSESSORS** with a background clearance status of "CLEARED" or "PENDING" are authorized to transport, ship, receive, or possess explosive materials in the course of employment with you.
- ② **"DENIED" STATUS.** If an employee possessor has a background clearance status of "DENIED", you **MUST** take immediate steps to remove the employee from a position requiring the transporting, shipping, receiving, or possessing of explosive materials. Also, if the employee has been listed as a person authorized to accept delivery of explosive materials, you **MUST** remove the employee from such list and immediately, and in no event later than the second business day after such change, notify distributors of such change, as stated in 27 CFR 555.33(a).
- ③ **CHANGE IN RESPONSIBLE PERSONS.** You **MUST** report any change in responsible persons to the Chief, Federal Explosives Licensing Center, within 30 days of the change and new responsible persons **MUST** include "appropriate identifying information" as defined in 27 CFR 555.11. Fingerprints and photos are **NOT** required, however they will be required upon renewal of the license or permit.
- ④ **CHANGE OF EMPLOYEES.** You **MUST** report any change of employee/possessors to the Chief, FELC, within 30 days. Reports relating to newly hired employees must be submitted on ATF Form 5400.28 for **EACH** employee.

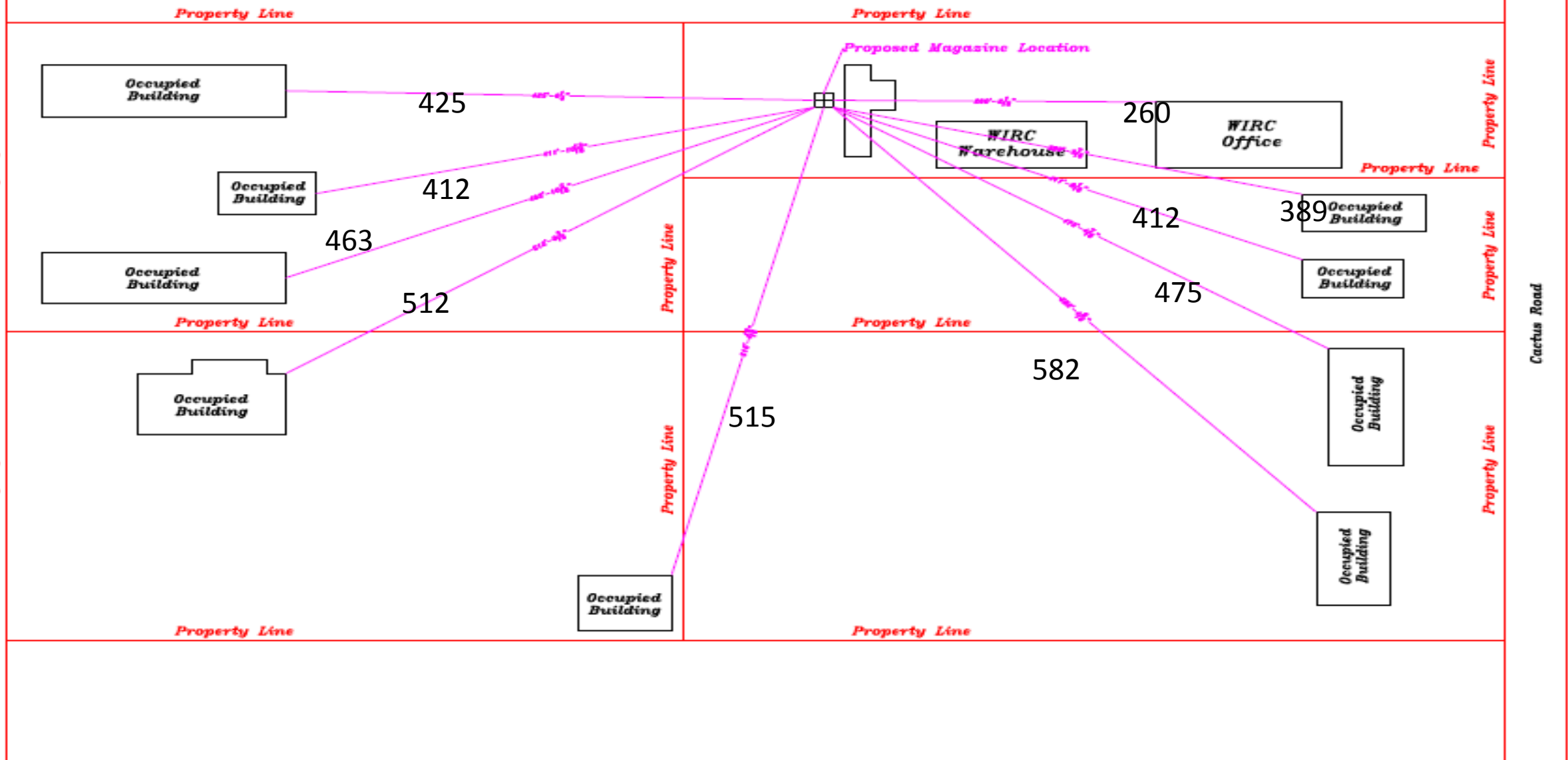
Premises Address: 3640 S CACTUS ROAD
APACHE JUNCTION, AZ 85119-9200

Mailing Address:

WESTERN INDUSTRIAL FRACTURING LLC
WESTERN INDUSTRIAL FRACTURING
3640 S CACTUS ROAD
APACHE JUNCTION, AZ 85119-9200

Closest residence
585'

Vacant Lot



Quantity of explosives		Distances in feet					
Pounds over	Pounds not over	Inhabited buildings		Public highways with traffic volume of 3000 or fewer vehicles/day		Passenger railways - public highways with traffic volume of more than 3,000 vehicles/day	
		Barricaded	Unbarricaded	Barricaded	Unbarricaded	Barricaded	Unbarricaded
0	5	70	140	30	60	51	102
5	10	90	180	35	70	64	128
10	20	110	220	45	90	81	162
20	30	125	250	50	100	93	186
30	40	140	280	55	110	103	206
40	50	150	300	60	120	110	220
50	75	170	340	70	140	127	254
75	100	190	380	75	150	139	278
100	125	200	400	80	160	150	300
125	150	215	430	85	170	159	318
150	200	235	470	95	190	175	350
200	250	255	510	105	210	189	378
250	300	270	540	110	220	201	402

The Magazine



Magazine Description

- **Type 2 Class ABC ATF spec 3"-lined magazine** is constructed of:
 - ¼" exterior steel plate
 - Lined with (3) - 1" layers of hardwood throughout with additional 1/8" plywood on walls and
 - ceilings
 - ½" AC plywood over hardwood on floor
 - secured with aluminum fasteners
 - Additional vertical and horizontal standoff lattice strips on walls to prevent blocking of ventilation
 - All non sparking interior
 - Top mounted lifting attachments
 - mounted on two 6" - 20# beam skids with 5" openings each end
 - vent openings are double screened with expandable metal and aluminum bug screen
 - exterior shielded with ¼" steel plate
- Doors are constructed of ¼" steel plate
- reinforced with 3/8" x 2" stiffeners
- lined with 3" hardwood and additional 1/8" plywood overlay
- (2) 14" greasable welded hinges each door with 1 ½" x 1 ½" hinge
- side security pin behind each hinge
- door opening is framed with 3" x 3" x ¼" angle
- door has top drip edge to prevent leakage
- each door has grounding bonding straps across one hinge
- magazines with double doors are secured with additional lockable cam closure on active
- door and internal top and bottom aluminum cane bolts on secondary door
- Unit has (2) ¼" steel lock covers with side angle iron protection
- (2) ATF spec padlocks (7/16" hardened shackle, 5 tumbler keyway)

The location





1000 foot circle
sound changes from
160 db to 120 db

Approx mag location

Zone of Influence for
a 10' wall

Air overpressure drops
from 2.9psi to

Decibals from initial thnto 1000'
from 160 dba to 120 dba

Western Industrial Office

3640 S Cactus Rd

The Roof

- Needs to be readdressed. The roof was originally to keep rain out of the magazine area. ATF says that the roof over the barricade now makes it an indoor magazine and defeats the purpose of the barricade. We are resubmitting our barricade to ATF without the roof structure. This allows for the blast in the case of a catastrophic event to go straight up.
- Placement of a roof makes the magazine an indoor magazine

Security

- We have cameras throughout our yard, a coded gate and a 6 foot wall around the premises.
- The magazine has two locks per door that are hooded and have typical specification according to the ATF.
- The magazine is also registered under ATF.
- It is our plan to place a door on the magazine as well. The door will

Inspection

- If storing we are required to inspect daily
- If storing we will take a daily inventory
- ATF has the right to come and inspect at any time (unannounced during business hours)

Other Hazardous or Flammable Materials

- We have no more than 70 gallons of fuel in our flammable cabinets.
- No more than 30 gallons of used oil

Other protection

- The barricade will rise two feet above the top of the barricade.
- The barricade will be approved by the ATF
- The magazine is to be lifted and set inside of the barricade
- The barricade is to have a security door that is mounted and locked