



June 15, 2023

Dear Neighbor,

We are writing to notify you that Kerr McGee Oil & Gas Onshore, LP, an Oxy USA Inc. subsidiary, is preparing to submit an application for a Weld County Oil and Gas Location Assessment (WOGLA) for a project in your community. In our commitment to being a good neighbor, we provide frequent and transparent information, seek community feedback, safeguard the environment, and protect the health and safety of employees and communities.

#### Description of the project

The proposed Alfalfa 8-20HZ project, as described in the following pages, consists of thirteen oil and natural gas wells and a production facility. The timeline for development is based on obtaining the required permits and drilling rig availability. At this time, we estimate that drilling will start sometime between February and April 2024. However, we commit to keeping you updated throughout the permitting process and providing a detailed timeline before beginning construction. You can find project updates at [www.OxyColoradoStakeholder.com/project-updates](http://www.OxyColoradoStakeholder.com/project-updates).

#### Standard practices and mitigation strategies

Our standard practices align with the guidelines of Weld County, the Colorado Oil and Gas Conservation Commission (COGCC), and the Colorado Department of Public Health and Environment (CDPHE). We carefully planned this location's development and mitigation techniques to minimize any temporary impacts from our operations. Currently, mitigations during development include a robust traffic management plan, the installation of sound walls, and continuous sound and air monitoring.

Our team members will continue to work diligently to plan construction and operations with you in mind. We welcome your feedback and can be contacted anytime for questions and comments by email, phone, or mail. We will also consider all reasonable mitigation measures proposed to minimize adverse impacts of the proposed oil and gas location.

#### Next steps

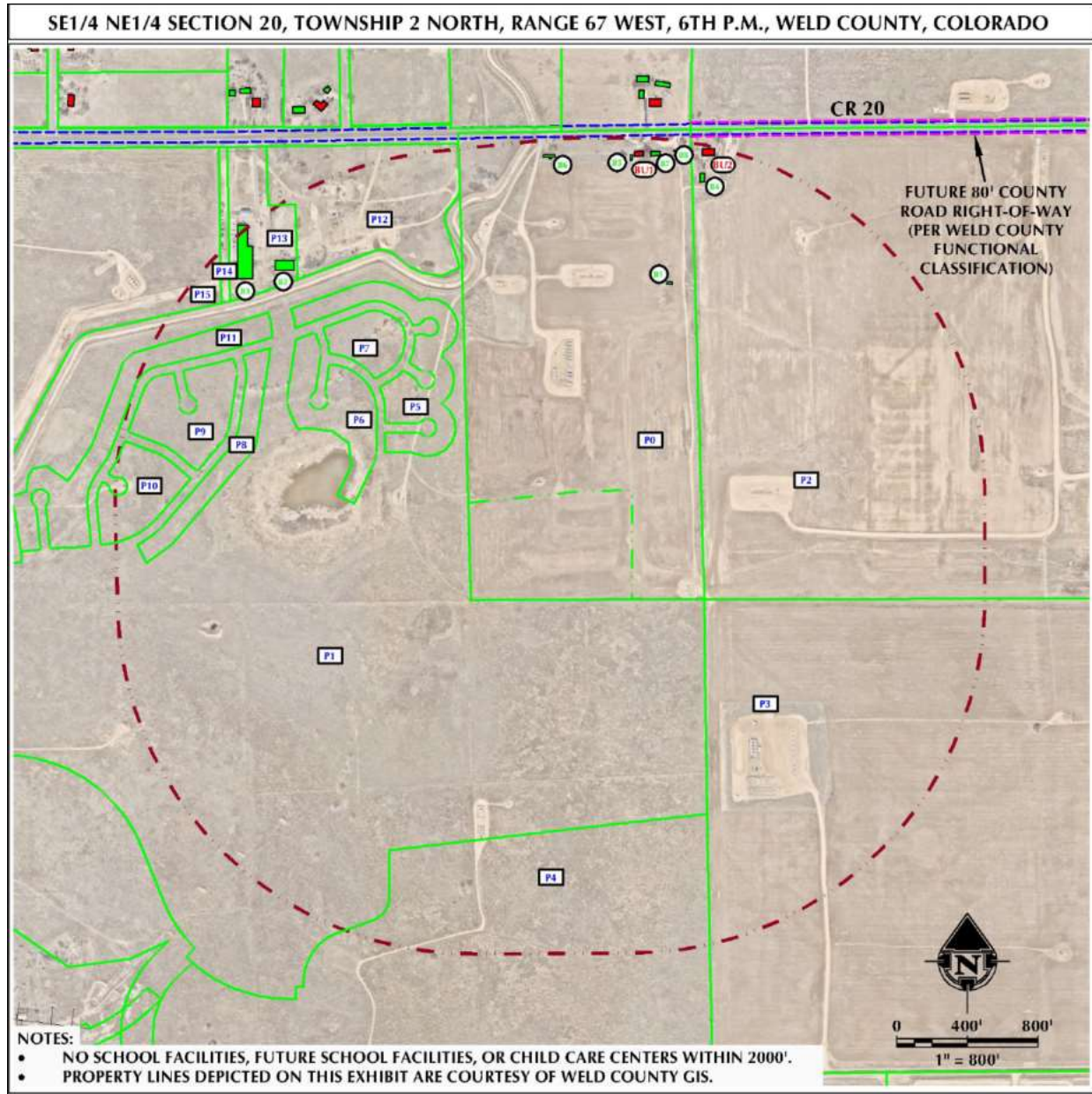
This project must undergo a comprehensive permitting process at both the local and state level. We will keep our website updated, and you will be notified by mail throughout the process. Please reach out to us or Weld County to discuss this project or to set up a meeting. We look forward to working with you.

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# New Energy Development



## Project Location



LEGEND					
	PROPERTY LINE		EXISTING BUILDING		BUILDING
	PROPOSED OIL & GAS LOCATION		RESIDENTIAL BUILDING UNIT		BUILDING UNIT
	1041 WOGLA ZONE (2000' BUFFER)		NON-RESIDENTIAL BUILDING UNIT		PARCEL
	SCHOOL PARCEL				
	COUNTY ROAD RIGHT-OF-WAY				
	RESERVED ROW BY RESOLUTION				
	RAILROAD				

Pad Name	Parcel #	Location	Disturbed Acreage	Operation Acreage
Alfa 8-20HZ	131120000017	SE/4 NE/4 Section 20, 2N, 67W, 6th P.M.	12.5 acres (During Development)	4.1 Acres (For life of wells)

# NOTIFICATION ZONE DRAWING

## ALFALFA 8-20HZ

SE1/4 NE1/4 SECTION 20, TOWNSHIP 2 NORTH, RANGE 67 WEST, 6TH P.M., WELD COUNTY, COLORADO

ID	BUILDING UNIT NUMBER	BUILDING UNIT DISTANCE	BUILDING NUMBER	BUILDING DISTANCE	PARCEL #	OWNER	MAILING ADDRESS	MAIL CITY	MAIL STATE	MAIL ZIP
P0	BU1	±1895' N	B1, B5, B6, B7, B8	±1188' N, ±1870' N, ±1890' N, ±1900' N, ±1935' N	13112000017	ANADARKO E&P ONSHORE LLC	PO BOX 173779	DENVER	CO	802173779
P1	-	-	-	-	131120400034	DIXIE WATER LLC	5150 TAMiami TRL N STE 204	NAPLES	FL	341032818
P2	BU2	±1940' N	B4	±1790' N	131121000003	ANADARKO E&P ONSHORE LLC	PO BOX 173779	DENVER	CO	802173779
P3	-	-	-	-	131121000004	PAULA R CARR REVOCABLE LIVING TRUST, BRYAN KUGEL LIVING TRUST, GARY P KUGEL TRUST, KAY KUGEL SACHS, TROY SKOGMO & CYNTHIA L WALTERS REVOCABLE LIVING TRUST	922 COLLYER ST	LONGMONT	CO	805014525
P4	-	-	-	-	131120400005	DIXIE WATER LLC	5150 TAMiami TRL N STE 204	NAPLES	FL	341032818
P5	-	-	-	-	131120100030	KEVIN BERESFORD WHITE	1221 AURARIA PKWY STE 121	DENVER	CO	802041836
P6	-	-	-	-	131120100032	KEVIN BERESFORD WHITE	1221 AURARIA PKWY STE 121	DENVER	CO	802041836
P7	-	-	-	-	131120100031	KEVIN BERESFORD WHITE	1221 AURARIA PKWY STE 121	DENVER	CO	802041836
P8	-	-	-	-	131120200029	KEVIN BERESFORD WHITE	1221 AURARIA PKWY STE 121	DENVER	CO	802041836
P9	-	-	-	-	131120200028	KEVIN BERESFORD WHITE	1221 AURARIA PKWY STE 121	DENVER	CO	802041836
P10	-	-	-	-	131120200027	KEVIN BERESFORD WHITE	1221 AURARIA PKWY STE 121	DENVER	CO	802041836
P11	-	-	-	-	131120200026	KEVIN BERESFORD WHITE	1221 AURARIA PKWY STE 121	DENVER	CO	802041836
P12	-	-	-	-	131120001003	TOWN OF FIRESTONE	9950 PARK AVE	FIRESTONE	CO	805047820
P13	-	-	B2, B3	±1648' NW, ±1762' NW	131120001002	TOWN OF FIRESTONE	9950 PARK AVE	FIRESTONE	CO	805047820
P14	-	-	-	-	131120202008	TOWN OF FIRESTONE	9950 PARK AVE	FIRESTONE	CO	805047820
P15	-	-	-	-	131120202006	QUADRANT MANAGEMENT INC	320 PARK AVE FL 18	NEW YORK	NY	100226815

### LEGEND

- PROPERTY LINE
- PROPOSED OIL & GAS LOCATION
- 1041 WOGLA ZONE (2000' BUFFER)
- SCHOOL PARCEL
- COUNTY ROAD RIGHT-OF-WAY
- RESERVED ROW BY RESOLUTION
- RAILROAD
- EXISTING BUILDING
- RESIDENTIAL BUILDING UNIT
- NON-RESIDENTIAL BUILDING UNIT
- BUILDING
- BUILDING UNIT
- PARCEL

SHEET 2 OF 2



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DATE SURVEYED: 2/10/23  
 DATE: 5/19/23  
 DRAFTER: HJL  
 REVISED:

DATA SOURCES:  
 - AERIAL COURTESY OF NEARMAP

PREPARED FOR:  
**Kerr-McGee Oil & Gas Onshore LP**

# Our Commitment To You

## Our Best Practices and Mitigation Measures



We strive to make our activities compatible with the surrounding community and use various mitigation techniques to reduce the temporary impacts associated with development. Our team designs each location after careful consideration of the area's specific attributes. Although some of our operations are conducted 24/7, we aim to minimize non-essential work during the night. For each well pad, we deploy the following strategies to mitigate possible impacts including:

### Noise



We use upgraded drilling rigs with noise-reducing features and quiet hydraulic fracturing technology. These features reduce the noise from our operations. In addition to mitigating noise at the source, we also install sound walls, as needed, when we operate near communities.

### Light



We use Light-emitting Diode (LED) lights strategically oriented away from homes, making our operations less visible to our neighbors.

### Odor



To counteract any potential hydrocarbon odor during our drilling operations, we use Group III drilling mud.

### Dust



We work to mitigate dust by applying dust suppression to the roads as needed. Various techniques to be used include installing tracking pads and sediment traps, hydro mulching and/or hydroseeding topsoil piles, seeding disturbed soils, and placing and compacting a gravel layer on the working pad surfaces and access roads.



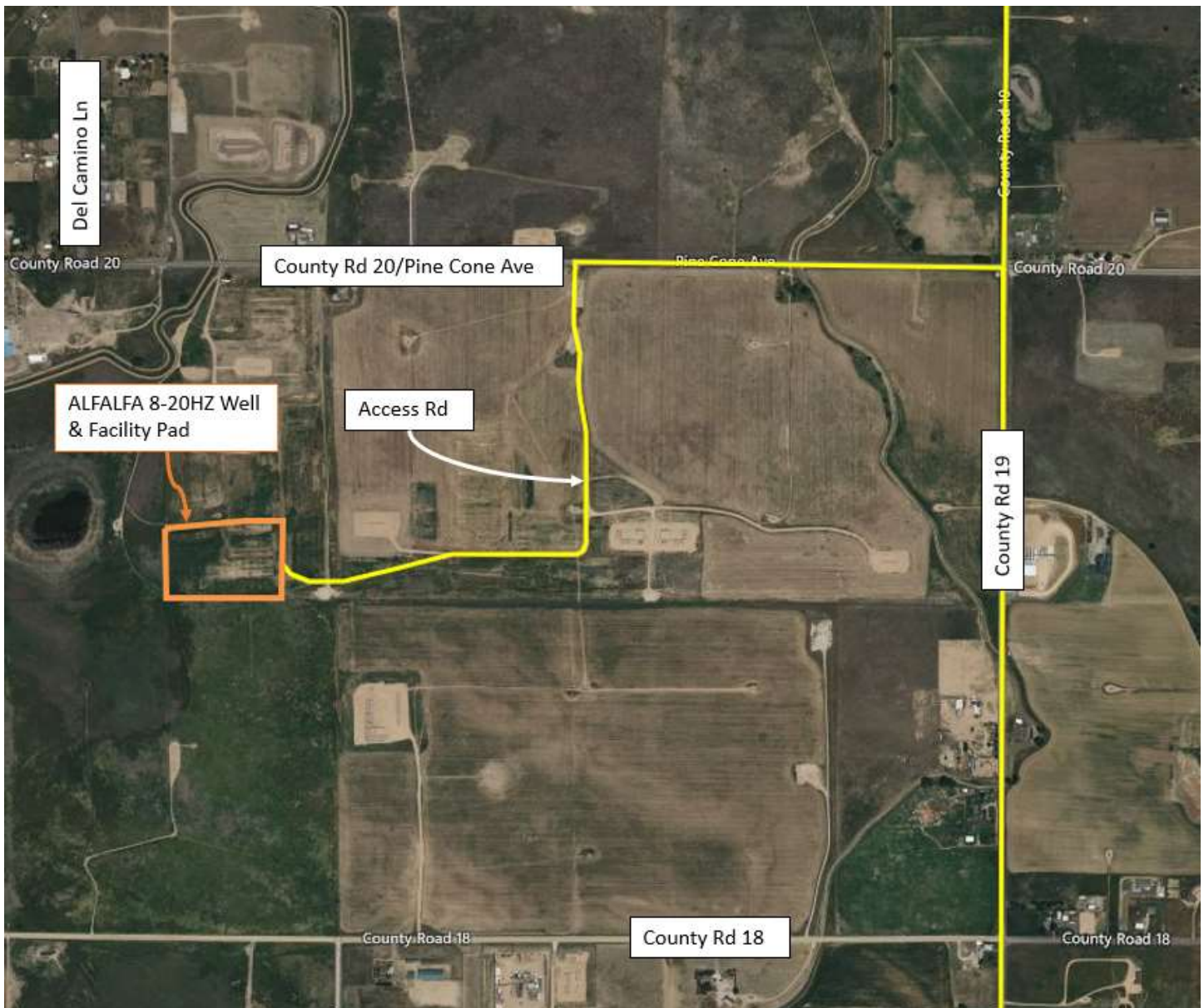
# Our Commitment To You

## Our Best Practices and Mitigation Measures

### Traffic Management Plan

One part of the comprehensive permitting process is developing a traffic management plan. This includes specific routes for all traffic coming to and leaving the proposed project locations. To access the locations, drivers will utilize County Road 19 to County Road 20/Pinecone Avenue. Speed limits will be reduced to 10 mph on the access road and 5 mph once vehicles reach the well pad/facility.

We reduce traffic as much as possible through oil transfer and Water-On-Demand systems. The oil produced from our horizontal locations is transported off-site through a pipeline, eliminating the need for trucks. We transport the water used in hydraulic fracturing through our innovative Water-On-Demand pipeline system, further reducing truck traffic. Since its inception in 2012, these technologies have enabled us to eliminate 60 million miles of truck traffic from the roads in Weld County, reducing emissions, dust, road wear, and inconvenience to our neighbors. This system also mitigates our surface footprint by significantly reducing the tanks needed for water storage onsite during well completion. At this location, we estimate that our Water-On-Demand system will eliminate 109,000 truck trips.





# Our Commitment To You

## Our Best Practices and Mitigation Measures

### Air Quality

To ensure the wellbeing of you and your family and those living and working near our operations, we take action to reduce emissions and monitor air quality.

#### Reducing Emissions

To reduce greenhouse gas emissions and utilize the valuable energy resources we produce, we select equipment and design our locations and procedures to minimize emissions. As you can see in the graph, we have been successful in our efforts.

1. Occidental is the first U.S. oil and gas company to endorse [The World Bank's Zero Routine Flaring by 2030 initiative](#). In Colorado, we have already achieved zero routine flaring.
2. During drilling, over 90% of the power comes from natural gas engines. In addition, the hydraulic fracturing pumping equipment is 100% powered by Tier IV diesel engines. Tier IV engines meet the latest and most stringent requirements for off-road diesel engines as designated by the U.S. Environmental Protection Agency (EPA).
3. Our innovative tankless production facility reduces air emissions in several ways. Tankless means we eliminated oil storage tanks, which significantly lowers facility emissions. Transporting oil off-site through a pipeline further reduces emissions associated with truck traffic. The design also uses compressed air to operate pneumatic controllers, which regulate pressure, flow, temperature, and liquid levels, on over 90% of our production. Using compressed air eliminates emissions that typically come from natural gas-driven pneumatic controllers.

#### Monitoring Emissions

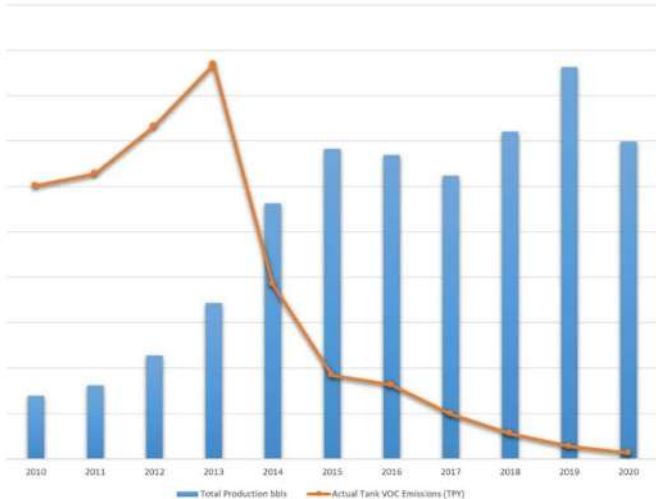
During drilling and completions, independent third-party environmental air quality experts perform continuous air quality monitoring. The Colorado Department of Public Health and Environment (CDPHE) and the Colorado Oil and Gas Conservation Commission (COGCC) approve our air monitoring program and receive monthly reports. You can find the monthly monitoring reports created by the third-party consultant on our webpage under Project Updates.

Independent third-party air quality experts use traditional and innovative technologies to add context to and validate the data collected. Air monitoring stations include a weather station, a hydrocarbon analyzer, and carbon sorbent tubes. In addition, strategically placed air canisters may supplement data from the air monitoring stations. Air samples are collected and analyzed according to EPA standards. The results are compared to health guideline values set by the CDPHE.

Air monitoring data is collected continuously and is monitored 24/7 by our Integrated Operations Center (IOC). Our monitoring program establishes response and investigation levels designed to protect the health, safety, and welfare of communities, our employees, and the environment. Additionally, our 24/7 IOC ensures responses are both timely and effective.

To monitor emissions near our production facilities, we have an in-house emissions team that conducts leak detection and repair inspections. During the production phase, every facility is inspected periodically by trained individuals using a handheld infrared camera. We also use infrared camera-equipped drones and conduct frequent audio/visual/olfactory inspections to detect and control emissions.

Annual Oil Production Volume (bbls) and Actual Tank VOC Emissions (TPY)



### Groundwater Protection

We conduct baseline water-quality sampling and construct double-walled produced water sumps and secondary containment for operations. Sensors between the walls of the water sumps and additional automation allow us to remotely monitor fluid levels and remotely shut in the wells if we detect an issue.

# Phases of Energy Development



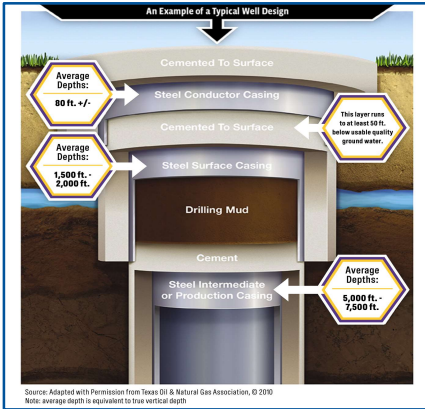
For more information, please visit [www.OxyColoradoStakeholder.com/Oil-and-Gas-101](http://www.OxyColoradoStakeholder.com/Oil-and-Gas-101)

## 1 Pad Construction (30-45 days per pad)



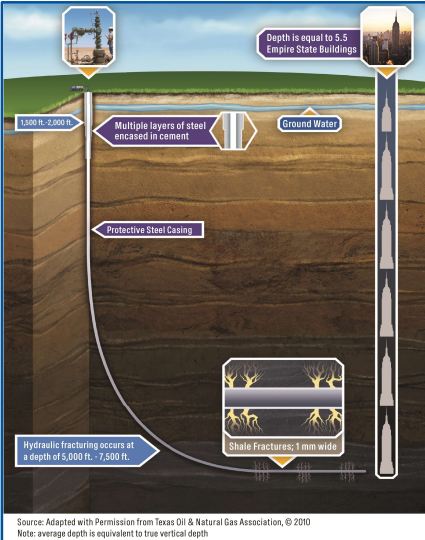
Standard construction equipment prepares the well site. A wall may be installed to reduce or minimize noise and light during development.

## 2 Surface Casing Set (1-2 days per well)



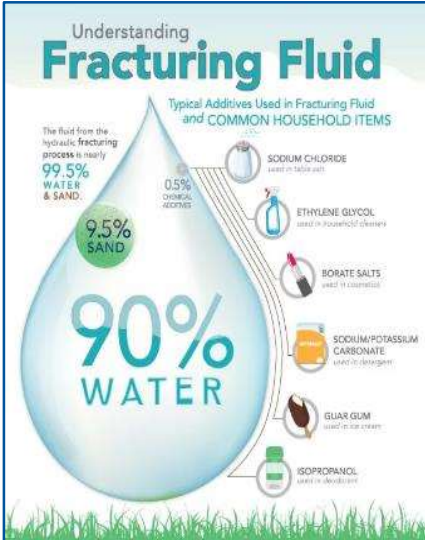
A drilling rig begins the underground construction process by installing steel pipe and cement (surface casing) to protect groundwater. Surface casing is set at least 50' below the aquifer, typically about 1,000' below the surface.

## 3 Horizontal Drilling (4-6 days per well)



A production rig arrives and drills to a depth of 7,000 to 8,000 feet. The horizontal portion of the wellbore can extend more than two miles. Additional layers of protective steel casing and cement are installed.

## 4 Well Completions (6-9 days per well)



Hydraulic Fracturing: A safe, highly engineered technology developed in the 1940s. Fluid is pumped over a mile below the earth's surface under pressure to create hairline fractures in the rocks.

Flowback: After fracturing, the wells are opened, and oil and gas flow into the mobile production facility.

Well clean-out and Tubing: The wells are cleaned out to remove excess sand and install the production tubing.

## 5 Production Facility Construction (30-45 days per facility)



Production facilities are constructed adjacent to the wells to collect and separate the oil, natural gas, and water that are produced. Facility production is 30-45 days of work, completed in stages over about four months.

## 6 Reclaim Well Site (60 days per pad)



Once development phases are complete, the pad is reclaimed to the largest extent possible to match the existing landscape. Each well will produce energy vital to the health and welfare of our communities for decades to come.



# Contacts



**OXY Occidental**

**Colorado Response Line**

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Oxy Integrated Operations Center (IOC)  
 970.515.1500  
 Real-time monitoring of wells, water tanks,  
 and production facilities  
 24 hours a day, 365 days a year



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