

Wells Ranch AE30-69 HJK
69-1A HWA
69-1H NC
68-1H NC
68-1B HWA
67 HJC

Map Unit Description

Weld County, Colorado, Southern Part

44 Olney loamy sand, 1 to 3 percent slopes

Setting

Elevation: 4600 to 5200 feet
Mean annual precipitation: 11 to 15 inches
Mean annual air temperature: 46 to 54 degrees F
Frost-free period: 125 to 175 days

Composition

Olney and similar soils: 85 percent
Minor components: 15 percent

Description of Olney

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Mixed deposit outwash

Properties and Qualities

Slope: 1 to 3 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 6.5 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 4c
Ecological site: Sandy Plains (R067BY024CO)

Typical Profile

0 to 10 inches: loamy sand
10 to 20 inches: sandy clay loam
20 to 25 inches: sandy clay loam
25 to 60 inches: fine sandy loam

Minor Components

Vona

Percent of map unit: 8 percent

Zigweid

Percent of map unit: 7 percent

T6W R62W
Sec 29: NWNW
Weld County, CO

WELLS RANCH AE30-69HNC Form 2A Comments

- Six-well Pad: WELLS RANCH AE30-69HNC, -69-1AHNA, -69-1HNC, -68-1HNC, -68-1BHNA, -67HNC
- The proposed six-well pad will utilize the separate proposed WELLS RANCH AE30 Production Facility, located 2500'+/- South
- Amending Location ID# 422606. WELLS RANCH AE30-68HN (MULTI), this location includes the WELLS RANCH AE30-68HN and the WELLS RANCH USX AE29-68HN wells and associated production facility.
- Fence within the disturbance area will be removed prior to construction
- Per the Location Drawing the blue and red water storage tanks are no longer on site
- Nearest Water Well: 1890'+/- NW, Status: Well Constructed, Receipt: 3659083D, Use: Industrial, Irrigation, Elevation Depth: 330, Static Water Level: 95
- Nearest Surface Water: SWALE, 178' NE – Will be filled in per landowner consent
- Existing Equipment: Wells: 2, Pump Jacks: 2, Three-Phase Flowlines: 2, VOC: 2, Oil Tanks: 7, Gas Compressors: 4, Meter Buildings: 2, Water Vaults: 2, Separators: 4, Gas Pipeline: 1
- New Equipment: Wells: 6, Pump Jacks: 6, Three-Phase Flowlines: 12,
- Total Equipment: Wells: 8, Pump Jacks: 8, Three-Phase Flowlines: 14, VOC: 2, Oil Tanks: 7, Gas Compressors: 4, Meter Buildings: 2, Water Vaults: 2, Separators: 4, Gas Pipeline: 1