

**Delaware Basin
Changes to APD for Federal Well**



HOBBS OCD

APR 18 2016

RECEIVED

Well Names:

SD WE 14 FED P7 #3H	API#: 30-025-43086
SD WE 23 FED P7 #3H	API#: 30-025-43088
SD WE 14 FED P7 #4H	API#: 30-025-43087
SD WE 23 FED P7 #4H	API#: 30-025-43089

Rig: Nabors X-30

CVX CONTACT:

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Summary of Changes to APD Submission

- Surface Hole:
 1. Drill 17-1/2" surface hole with fresh water to planned casing set depth with 10' rat hole.
 2. Run casing as stated by approved APD, land out wellhead, and cement.
 3. Dress out 13-5/8" 5M SH-2 wellhead and install/secure with temporary abandonment cap, and a pressure gauge will be installed. Reference image below.
 4. Skid to next well according to below "Drill Order"

Repeat 1 through 3 until all three surface holes are drilled, cased and cemented.

- Intermediate Hole:
 1. N/U, using an API approved Quick-Connect, and test 13-5/8" 10M Class IV BOP to 250 psi / 5,000 psi.
 2. Test casing to required pressure. Drill out shoe track and 10' of new formation. Perform FIT. Drill 12-1/4" intermediate hole to planned casing set depth with ~10' of rat hole.
 3. Run casing as stated by approved APD, land out hanger and cement.
- Production Hole:
 1. Test casing to required pressure. Drill out shoe track and 10' of new formation. Perform FIT. Drill 8-3/4" vertical section, curve, and lateral as stated by approved APD.
 2. Run casing as stated by approved APD, cement, land out hanger and cement.
 3. Install back pressure valve and temporary abandonment cap.

Repeat steps in intermediate hole and production hole until all three wells are drilled, cased, and cemented.

Changes Summary

Summary: Variance to batch drill the Salado Draw pad not requested in original submittal.

As Defined in APD:	As Planned on Well:
Variance to batch drill not requested.	Chevron respectfully request the ability to batch drill in the SALADO DRAW (14-23) 26 33 PAD (7 TH). The summary provided is a brief description of the main operational sequences for drilling and casing the four wells listed.
Section 3 – Chevron Request a variance to use a GE/Vetco SH-2 Multibowl Well Head	Chevron Request a variance to use a FMC UH2 Multibowl Well Head

