

30 015 35815



**Cimarex Energy Co. of Colorado**

5215 North O'Connor Blvd. ♦ Suite 1500 ♦ Irving, TX 75039 ♦ (972) 401-3111 ♦ Fax (972) 443-6486

Mailing Address: P.O. Box 140907 ♦ Irving, TX 75014-0907

*A subsidiary of Cimarex Energy Co. • A NYSE Listed Company • "XEC"*

September 17, 2007

Oil Conservation Division  
District II Office  
1301 W. Grand Ave.  
Artesia, New Mexico 88210  
Attn: Mr. Bryan Arrant

Re: Statewide Rule 118  
Hydrogen Sulfide Gas Contingency Plan  
Proposed White City Fed 10 Com No. 2 Well

Dear Mr. Arrant:

In accordance with NMAC 19.15.3.118 C. (1) governing the determination of the hydrogen sulfide concentration in gaseous mixtures in each of its operations, Cimarex Energy Co. of Colorado does not anticipate that there will be enough H<sub>2</sub>S from the surface to the Morrow formations to meet the OCD's minimum requirements for the submission of a contingency plan for the drilling and completion of the following test(s):

White City Fed 10 Com No. 2  
10-25S-26E  
660' FNL & 660' FWL  
Eddy County, NM

If anything further is needed regarding this issue, or if you have any questions, please feel free to contact the undersigned at 972-443-6489.

Yours truly,

A handwritten signature in dark ink that reads "Zeno Farris". The signature is written in a cursive, slightly slanted style.

Zeno Farris  
Manager, Operations Administration

Cimarex Energy Co. of Colorado  
**White City Fed 10 Com No. 2**  
Unit D Section 10-25S-26E  
660' FNL & 660' FWL  
Eddy County, NM

**Proposed Mud Circulating System:**

Depth			Mud Wt	Visc	Fluid Loss	Type Mud
0	to	350	8.4 - 8.6	30-32	May lose circ	Fresh water gel spud mud
350	to	2,600	8.4 - 8.6	28-29	May lose circ	Fresh water mud
2,600	to	12,250	8.4 - 9.7	28-29	NC	Fresh water and brine, use hi-vis sweeps to keep hole clean

Sufficient mud materials will be kept on location at all times in order to combat lost circulation, or unexpected kicks. In order to run DSTs, open hole logs, and casing, the viscosity and water loss may have to be adjusted in order to meet these needs. Mud system monitoring equipment with derrick floor indicators and visual/audio alarms shall be installed and operative prior to drilling into the Wolfcamp formation. This equipment will remain in use until production casing is run and cemented.

**Casing & Cementing Program:**

Hole Size	Depth		Casing OD		Weight	Thread	Collar	Grade
17-1/2	0	to 350	New	13-3/8	48#	8-R	STC	H-40
12-1/4	0	to 2,600	New	9-5/8	40#	8-R	LTC	J-55
8-3/4	0	to 12,250	New	4-1/2	11.6#	8-R	LTC	P-110

**Cementing & Setting Depth:**

13-3/8      Surface      Set 350 of 13-3/8 48# H-40 STC  
Lead: 390 sx Premium Plus + 2% CaCl (wt 14.8, yld 1.34).

TOC      Surface

9-5/8      Intermediate      Set 2,600 of 9-5/8 40# J-55 LTC  
Lead: 580 sx Interfill C + 1/4# Flocele (wt 11.9, yld 2.45)  
Tail: 200 sx Premium Plus + 1% CaCl Hi-test pellets (wt 14.8, yld 1.33)

TOC      Surface

**White City Fed 10 Com No. 2**

Unit D Section 10-25S-26E

660' FNL &amp; 660' FWL

Eddy County, NM

4-1/2      Production      Set 12,250 of 4-1/2      11.6# P-110 LTC

**First Stage**Lead: 225 sx Interfill H + 5# Gilsonite + 0.25# Flocele + 0.3% HR-7 (wt 13.68, yTail: 690 sx Permian Basin Super H + 0.5% LAP-1 + 0.25# D-Air 3000 + 0.4% w/o defoamer + 1# Salt + 5# Gilsonite + 0.125# Poly-e-flake + 0.45% HR-7 (wt yld 1.61)**Second Stage**Lead: 275 sx Interfill H + 0.125# Poly-e-Flake (wt 14.13, yld 2.45)Tail: 775 sx Permian Basin Super H + 0.5% LAP-1 + 0.4% CFR-3 w/o defoamer Salt + 5# Gilsonite + 0.3% HR-7 + 0.125# Poly-e-flake + 0.25# D-Air 3000 (wt 1.61)**TOC      8,000****Pressure control Equipment:**

Exhibit "E". A 13 3/8" 5000 PSI working pressure B.O.P. consisting of one set of blind rams and one set of pipe rams 5000 # annular type preventer. A choke manifold and 120 gallon accumulator with floor and remote operating station auxiliary power system. Rotating head below 6000'. A kelly cock will be installed and maintained in operable condition. A drill string safety valve in the open position will be available on the rig floor.

BOP unit will be hydraulically operated. BOP will be nipped up on the 8-5/8" casing and will be operated at least once while drilling and the blind rams will be operated when out of hole during trips. No abnormal pressure or temperature expected while drilling. From the base of the surface pipe through the running of production casing, the well will be equipped with a 5000 psi BOP system.