

Verbal Regulatory approval \_\_\_\_\_

AFE approval \_\_\_\_\_

Regulatory approval \_\_\_\_\_

**West Loco Hills Unit Tract 6 Well #4**  
Unit P 660' FSL, 660' FEL, Sec 12 T18S R29E  
Eddy County, New Mexico

**PLUGGING PROCEDURE**

**Call the BLM in Carlsbad with a 24 hour notice before commencing operations**

**505-887-6554**

**Call OCD in Artesia with a 24 hour notice before commencing operations**

**505-748-1283**

1. MIRU WSU. Rig up all H2S safety equipment. No casing recovery will be attempted. TOH with tubing. Inspect tubing and if necessary procure needed tubing from the YPC yard. TIH open ended and tag CIBP and cement @ 2561. If the plug is present mix plugging mud fill the hole and spot 30 sacks of class C cement and proceed to step 3.
2. RU WL.TIH with WL set CIBP @ 2,546' TOH. TIH with tubing tag CIBP load hole with plugging mud. Keep wellbore loaded with mud. Spot 30 sacks Class C Cement plug from 2,416' to 2,546'.
3. TOH with tubing. Perforate 7" casing with casing guns 6 shots @ 1150'. Perforate 7" casing with casing guns 6 shots @ 425'
4. TIH with WL set cement retainer @ 1100', TOH. TIH with tubing load hole with plugging mud, sting into retainer and establish an injection rate. Squeeze with 75 sacks Class C Cement. Leave 35' of cement on top of retainer. TOH with tubing.
5. ND BOP's. TIH with WL set cement retainer @ 325', TOH. TIH with tubing load hole with plugging mud. Sting in to retainer and establish circulation. Squeeze with 75 sacks of class C cement from 325' to 425'. leave 35' of cement on retainer. TOH with tubing.
6. Spot 15 sack Class C Cement plug at surface.
7. Remove all surface equipment and weld dry hole marker per regulations.

Total cement - 210 sacks "neat" Class "C" cement 1.32 ft3/sk. 14.8#/gal. 6.32 gal/sk  
Have an additional 200 sacks of Class "C" cement on location for contingency plugs.  
Have 250 pounds dry CaCl2 on location for use in mixing water as needed.

Mike Hill

January 20, 2000

MH/my documents\word\proposal\pa\WLH6w4p.doc

CC:

Jim Brown

Brian

Dyke (2)

Darrell

Stormi

Rusty

Engineering File

Geology file

Operations Engineering Supervisor \_\_\_\_\_

date 1-21-00

Operations Manager \_\_\_\_\_

date 24 Jan 00