

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103  
Revised March 25, 1999

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. <b>30-045-30672</b>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator <b>Amoco Production Company</b> Attn: <b>Cherry Hlava</b>		6. State Oil & Gas Lease No.
3. Address of Operator <b>P.O. Box 3092 Houston, TX 77253</b>		7. Lease Name or Unit Agreement Name:  <b>Gallegos Canyon Unit</b>
4. Well Location  Unit Letter <u>6</u> <u>1420</u> feet from the <u>North</u> line and <u>1840</u> feet from the <u>East</u> line  Section <u>34</u> Township <u>29N</u> Range <u>12W</u> NMPM <u>San Juan</u> County		8. Well No. <b>579</b>
10. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>5338' GR</b>		9. Pool name or Wildcat

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒  
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐  
OTHER: **Modify prod. Csg cmt program** ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

On May 23, 2001 Amoco Production Company submitted APD for the subject well. Approval was granted May 25, 2001. This is to advise that it has become necessary to modify our original cementing program. Please see the attached letter explaining this modification.



Run CBL on next well work

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cherry Hlava TITLE Regulatory Analyst DATE 09/12/2001

Type or print name Cherry Hlava Telephone No. 281-366-4081

(This space for State use)

APPROVED BY ORIGINAL SIGNED BY CHARLES T. PETERSON TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE SEP 17 2001  
Conditions of approval, if any:

September 10,2001

RE: Sundry notice of cement slurries pumped on GCU 579 well.

Due to product availability and well conditions encountered while drilling, Amoco Production Company had to modify the production casing cementing program on the GCU 579 well. Below is a detailed list of the actual production casing slurry pumped and the properties associated with the slurry.

**GCU 579**

Blend Description: Class G + 2% D79 (extender) + 1.5 gal/sk D500 (GasBLOK) + 0.2 gal/sk D145A (Liquid Dispersant) + 0.03 gal/sk D47 (Anti-foamer)

Volume Pumped: 41 bbls (120 sks) – RETURNS WERE SEEN TO THE SURFACE

Slurry Density: 13.0 ppg

Yield : 1.9 cu.ft./sk

Mix Water : 8.84 gals/sk

During the drilling phase a higher pressured sand containing a non-hydrocarbon gas was encountered at 330'. This prompted Amoco to switch to a higher density cement for the production casing job. After waiting on cement for 4 hrs until the 70 BC thickening time was achieved, and during nipple down and setting of the slips the hole unloaded the production cement slurry from 330' back to surface. The wellhead was nipped up and a pressure gauge placed on the backside. The well built up to approximately 200psi.

Cementers were called back to location and a bradenhead squeeze was performed. Below is a detailed list of the actual squeeze pumped and the properties associated with the slurry.

**GCU 579 SQUEEZE**

Blend Description: Class G + 2% S1 (CaCl-accelerant)

Volume Pumped: 11 bbls (50 sks) – Gauge hole from 0'-330' is 6 bbls. Final squeeze pressure was 300 psi. The well will remain shut-in for a minimum of 12 hrs to allow the cement to setup.

Slurry Density: 15.8 ppg

Yield : 1.17 cu.ft./sk

Mix Water : 5.2 gals/sk

If you have any questions please feel free to contact me.

Sincerely,

Ryan Lamothe  
San Juan Business Unit  
Drilling Engineer  
281-366-0777