Submit 1 Copy To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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
October 13, 2009

WELL API NO. 30-045-07846	
5. Indicate Type of Lease STATE ☐ FEE ☒	
6. State Oil & Gas Lease No.	
SUNDRY NOTICES AND REPORTS ON WELLS (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.)	7. Lease Name or Unit Agreement Name Cooper
1. Type of Well: Oil Well ☐ Gas Well ☐ Other	8. Well Number 001-S
2. Name of Operator Aztec O&G Co. C/O NMOCD	9. OGRID Number
3. Address of Operator 1000 Rio Brazos Rd, Aztec NM, 87410	10. Pool name or Wildcat
4. Well Location Unit Letter F : 2310 feet from the North line and 1980 feet from the West line Section 29 Township 29N Range 11W NMPM San Juan County	
11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☒	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Propose to Re-enter and Re-plug per the attached procedure.

Spud Date: Rig Release Date:

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

SIGNATURE NMOCD TITLE DATE

Type or print name NMOCD E-mail address: PHONE:

For State Use Only

APPROVED BY: Kelly G. Roberts TITLE Deputy Oil & Gas Inspector District #3 DATE 1-14-11

Conditions of Approval (if any):

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
Farmington, New Mexico 87499
505-325-2627 * fax: 505-325-1211

PLUG & ABANDONMENT PROCEDURE

December 7, 2009

Cooper #1S

2310' FSL and 1980' FWL, Section 29, T-29-N, R-11-W
San Juan Co., New Mexico
API # 30-045-07846

Well Information:

Surface Casing:	12.5" set at 51'; not cemented
Production Casing:	5.5" set at 1474'; cemented with 50 sxs;
Tubing:	1" pipe to an unknown depth and was parted at an unknown depth in 1963 prior to p&a work;

- **Due to this well's location on an island in the San Juan River all equipment must be washed before crossing the river.**
- **When doing the dirt work at the bank of the river for the low water crossing entrance and exit , all disturbed soil must be pulled back from the water line. Use extreme care to prevent soil from entering the river's flow.**

PROCEDURE:

Note: All cement volumes use 100% excess outside the pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.33 ppg, sufficient weight to balance all exposed formation pressures. All cement used will be Class B mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires the Operator to obtain an approved NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.

2. Comply with all NMOCD and BLM safety regulations. Test the atmosphere around the marker above ground level and write a Hot Work Permit. Dig a 4' cellar around the marker and remove the marker; it may be necessary to chip away existing cement. Determine which item#) are present: wellhead; 12.5" surface casing; 5.5" production casing; and 2" tubing. Weld a 5.5" casing collar on the existing 5.5" casing stub and install a tubing head. It may be necessary to orange peel or weld a washer between the 12.5" casing and 5.5" casing. Prepare the well to accept a BOP.

PLUG & ABANDONMENT PROCEDURE

December 7, 2009

Cooper #1S

Continued:

3. Set a rig base beam near the wellhead. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures, if possible. Set a water storage tank on location and fill with fresh water. Set a steel waste pit and a mud pit. Have a portable toilet on location. Install a 7-1/16" 3M BOP and companion flange on the 5.5" tubing head.

4. Pick up a 4.75" wash over shoe with an extension and one 3.5" drill collar. Drill out the cement as deep as possible. Then pick up a wash over shoe and a full (30') joint of wash over pipe and continue to drill cement around the 2" tubing. Continue washing over the 2" tubing inside the 5.5" casing as deep as possible. Cut the 2" tubing and fish it out when appropriate. Continue this washover / fishing procedure down to approximately 221'.

5. Then drill out cement from 221' to approximately 403' inside the 5.5" casing.

6. Then mill / drill cement and 1" tubing from 403' to as deep as possible. Cleaning out to 1000' or 1200' is desirable if reasonable progress can be achieved.

7. Note: for the above drilling and milling work it is important to keep the bottom hole assemble (BHA) inside the 5.5" casing; use stabilizer and / or wash pipe as appropriate. Use 4 or 6 - 3-1/2' drill collars above the wash pipe or mills and then a 2-3/8" tubing work strng.

Once the well is cleaned out to an acceptable depth, the plugging procedure will be finalized.

8. **Plug #1 (___' to ____'):** If the condition of the 5.5" casing is appropriate, then perforating and setting cement retainers is preferred. If the casing is in poor condition or the milling work has exited the casing, then TIH with open ended tubing to ____'. Mix ___ sxs Class B cement (100% excess) and spot a balanced plug inside the casing or open hole to cover the bottom part of the well. TOH with the tubing and WOC. TIH and tag the cement.

9. **Plug #2 (____' to ____'):** Perforate as deep as possible and set a CR 50' above. TIH with tubing to ___'. Mix and spot ___ sxs Class B cement to fill the well, both casing and annulus from TOC to surface. TOH with tubing and LD.

10. ND the BOP and wellhead. Cut off the casing below ground level. Fill the annulus casing as necessary. Install the P&A marker. RD and MOL. Carefully move the equipment back across the river.

Cooper #1-S

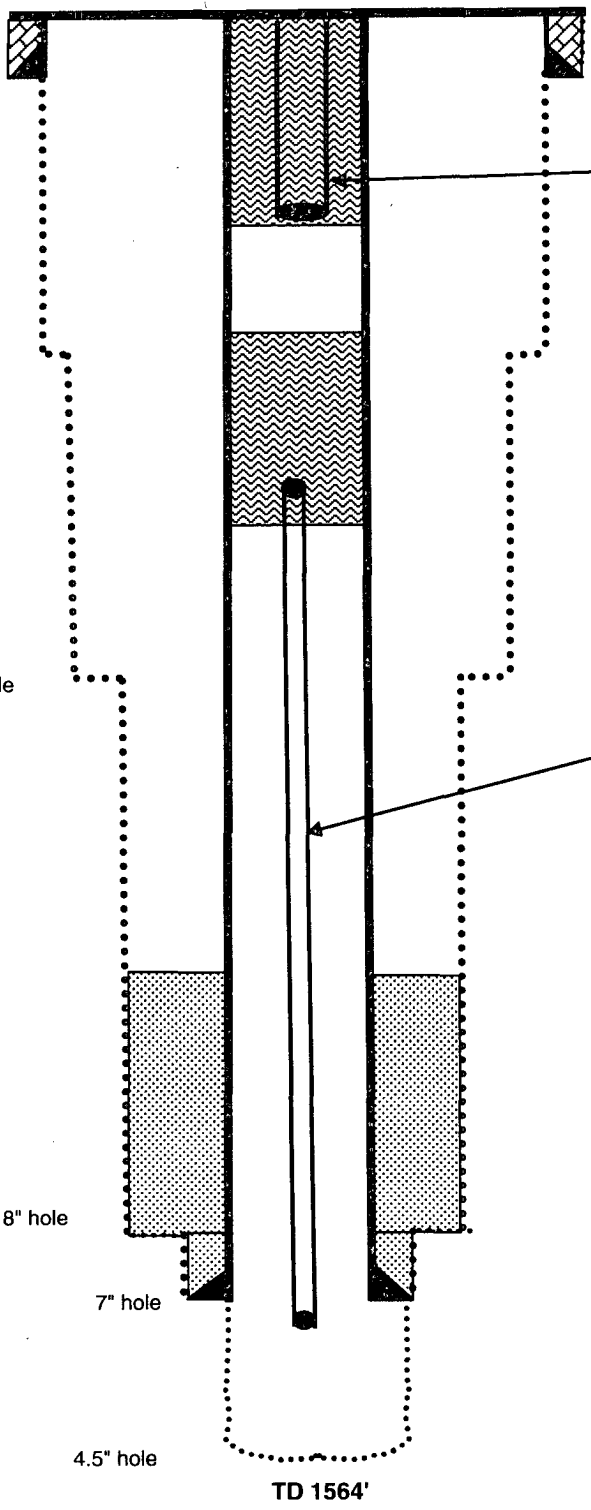
Current

Fulcher Kutz Canyon PC

2310' FNL & 1980' FWL, Section 29, T-29-N, R-11-W

San Juan County, NM / API #30-045-07846

Today's Date: **12/7/09**
Spud: 1/21/48
Comp: 2/27/48
Elevation: 5389' GL



12.5" Casing @ 51'
Not cemented; used mud

Ojo Alamo @ surface

2-3/8" Tubing set at 221'

Kirtland @ 360'

12" hole

404' (10" Casing pulled)

Nov 1963 P&A
1" tubing parted at unknown depth; Ran 2 3/8" tubing to 221' and then ran 1" tubing inside down to 403'; pumped 75 sxs cement down 1"; pulled 1" pipe and then pumped 35 sxs down the 2-3/8" tubing; left the 2-3/8" tubing in place. Filled cellar with cement and set marker.

10" hole

855' (8" Casing pulled)

1" Tubing set at unknown depth and parted at an unknown depth prior to p&a in 1963.

TOC @ 1178' (Calc, 75%)

Fruitland @ 1240'

8" hole

1375' (7" Casing pulled)

7" hole

5.5" Casing set @ 1474'
Cement with 50 sxs

Pictured Cliffs @ 1472'

Pictured Cliffs Open Hole:
1474' – 1564'

4.5" hole

TD 1564'

Cooper #1-S

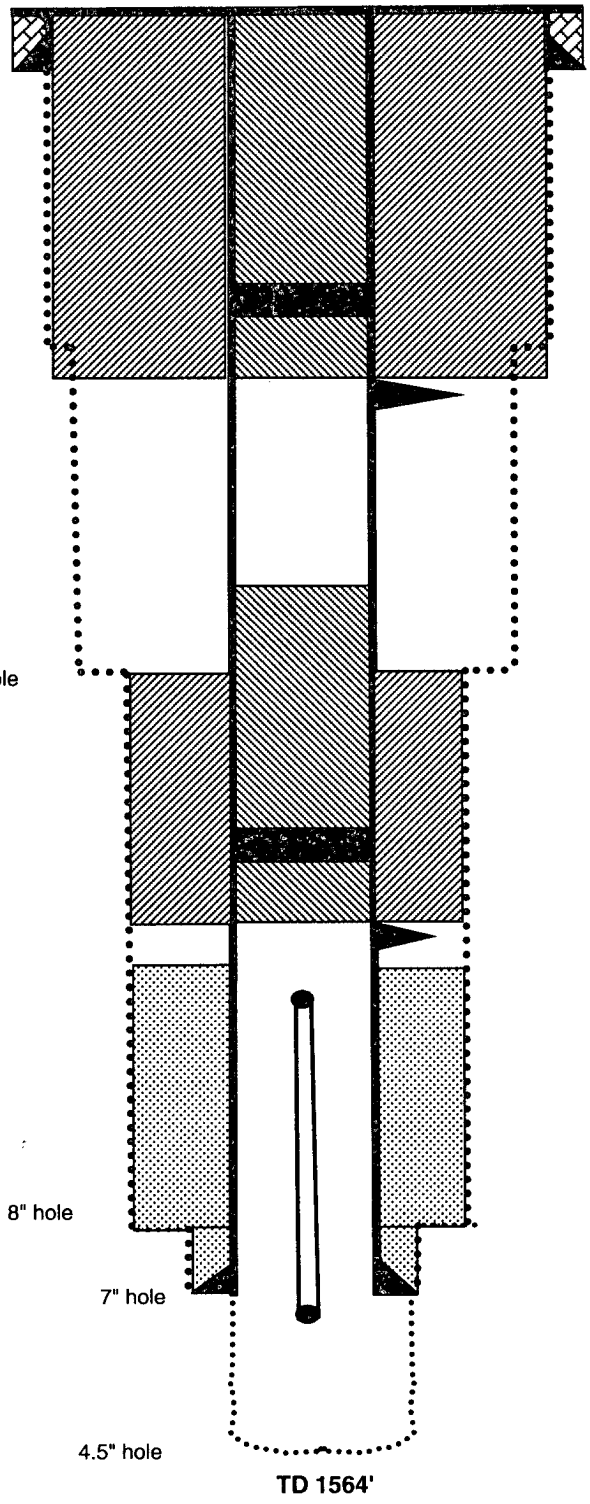
Proposed Plugged

Fulcher Kutz Canyon PC

2310' FNL & 1980' FWL, Section 29, T-29-N, R-11-W

San Juan County, NM / API #30-045-07846

Today's Date: **12/7/09**
Spud: 1/21/48
Comp: 2/27/48
Elevation: 5389' GL



12.5" Casing @ 51'
Not cemented; used mud

Ojo Alamo @ surface

Plug #2: To be determined
Cement with ___ sxs,
___ sxs outside 5.5" casing
and ___ sxs inside.

Kirtland @ 360'

12" hole

404' (10" Casing pulled)

10" hole

855' (8" Casing pulled)

Plug #1: To be determined
Cement with ___ sxs,
___ sxs outside 5.5" casing
and ___ sxs inside.

Set Cmt Retainer 50' above perfs

Perforate as deep as possible

Fruitland @ 1240'

TOC @ 1178' (Calc, 75%)

8" hole

1375' (7" Casing pulled)

7" hole

Pictured Cliffs @ 1472'

5.5" Casing set @ 1474'
Cement with 50 sxs

Pictured Cliffs Open Hole:
1474' – 1564'

4.5" hole

TD 1564'