State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

API # (assigned by OCD)
30-045-24263

1. **Type of Well**
Oil

5. **Lease Number**
Fee

6. **State Oil&Gas Lease #**

2. **Name of Operator**
Northstar Oil and Gas Corp

7. **Lease Name/Unit Name**
Barbara

8. **Well No.**
#1

3. **Address & Phone No. of Operator**
P. O. Box 168, Sewickley, PA 15143

9. **Pool Name or Wildcat**
Cha Cha Gallup

4. **Location of Well, Footage, Sec., T, R, M**
760' FSL, 810' FEL, Sec. 12, T-29-N, R-15-W, San Juan County

10. **Elevation:**

Type of Submission	**Type of Action**	
X Notice of Intent	**X** Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	___ Other -	

13. Describe Proposed or Completed Operations

Northstar Oil and Gas Corp., proposes to plug and abandon this well per the attached P&A report.

RCVD JUN28'07
OIL CONS. DIV.
DIST. 3

SIGNATURE John C. Corbett Northstar Oil and Gas Corp. June 25, 2007
Name John Corbett Title PRESIDENT

(This space for State Use)
Approved by A. Villanueva **Title** _____ **Date** _____

Deputy Oil & Gas Inspector,
District #3

JUN 29 2007

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PLUG AND ABANDONMENT PROCEDURE

May 10, 2007

Barbara #1

Cha Cha Gallup
760' FSL, 810' FEL, Section 12, T29N, R15W
San Juan County, New Mexico, API 30-045-24263
Lat:_____ / Long: _____

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Project will require a Pit Permit (C103) from the NMOCD.

2. Install and test rig anchors. Prepare waste fluid holding pit. Comply with all NMOCD, BLM and Northstar safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.

3. Round trip 4.5" gauge ring to top of fish at 3467'. PU and tally 2.375" tubing workstring.

4. **Plug #1 (Gallup perforations, top and fish, 4585' – 3367'):** PU 4.5" cement retainer and workstring; RIH and set cement retainer at 3417'. Pressure test tubing to 1000 PSI. Establish rate into Gallup perforations. Mix and pump 115 sxs cement, squeeze 104 sxs below 4.5" cement retainer (long plug, 30% excess) to cover the Gallup interval and fish and leave 11 sxs inside the casing above CR. PUH 1400'. Pressure test casing to 800 PSI. If casing does not test, then spot or tag subsequent plugs as appropriate.

5. **Plug #2 (Mesaverde and Chacra tops, 1440' – 975'):** Mix 35 sxs Type III cement and spot a balanced plug inside casing to cover through the Mesaverde and Chacra tops. PUH to 478'.

6. **Plug #3 (Pictured Cliffs top and 8.625" casing shoe top, 478' – 0'):** Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 35 sxs Type III cement and spot a balanced plug from 478' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing and the bradenhead annulus.

7. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.