

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

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

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.)		WELL API NO. 30-045-60313
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator San Juan County		6. State Oil & Gas Lease No.
3. Address of Operator 100 S. Oliver St, Aztec, NM 87410		7. Lease Name or Unit Agreement Name La Plata Disposal
4. Well Location Unit Letter _____ 1305' feet from the South line and 1605' feet from the East line Section 23 Township 32N Range 13W NMPM San Juan County		8. Well Number #1
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 14634
		10. Pool name or Wildcat Wildcat - Water

12. 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 COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

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.

San Juan County proposes to Plug and Abandon the above referenced well per the attached procedure.

RCVD DEC 6 '11

OIL CONS. DIV.

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

DIST. 3

SIGNATURE Mike Stark TITLE San Juan County Chief Operating Officer DATE 12/2/11

Type or print name Mike Stark E-mail address: mstark@sjcounty.net PHONE: 505-334-4582

For State Use Only

Deputy Oil & Gas Inspector,
District #3

APPROVED BY: Brandon Powell TITLE Deputy Oil & Gas Inspector, District #3 DATE 12-14-11
Conditions of Approval (if any): A

PLUG AND ABANDONMENT PROCEDURE

October, 2011

La Plate Deep Water Well #1

1305' FSL, 1605' FEL, Section 23, T32N, R13W, San Juan County, New Mexico

API 30-045-60313 / 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 Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires a 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. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes____, No X, Unknown____.
Tubing: Yes____, No X, Unknown____, Size____, Length____.
Packer: Yes____, No X, Unknown____, Type____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or where a T.S. or CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.

4. **Plug #1 (Bluff perforations and un-cemented liner, 6812' – 6712')**: PU tubing workstring and round trip a 7" casing scraper to 6812' or as deep as possible. TIH and set a 7" CR or CIBP at 6812'. Load casing with water and circulate well clean. Pressure test 7" casing to 800 PSI. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Spot 29 sxs Class B cement and spot a balanced plug inside the casing above the CR to isolate the Bluff zone. TOH tubing. POH tubing.
5. **Plug #2 (Dakota top, 6174' – 6074')**: TIH tubing to 6174'. Mix 29 sxs Class B cement and spot a balanced plug inside the casing to cover the Dakota top. PUH to 5283'.
6. **Plug #3 (Gallup top, 5283' – 5183')**: Mix 29 sxs Class B cement and spot a balanced plug inside the casing to cover the Gallup top. PUH to 4240'.
7. **Plug #4 (Point Lookout and Mancos tops, 3820' – 4240')**: Mix 91 sxs Class B cement and spot a balanced plug inside the casing to cover the Mancos top. PUH to 3050'.

8. **Plug #5 (Mesaverde top, 3050' – 2950'):** Mix 29 sxs Class B cement and spot a balanced plug inside the casing to cover the Mesaverde top. PUH to 1310'.
9. **Plug #6 (Picture Cliff and Fruitland Coal tops, 1410' - 1048'):** Mix 78 sxs Class B cement and spot a balanced plug inside the casing to cover the Picture Cliff and Fruitland Coal tops. PUH to 377'.
10. **Plug #7 (13.375" Surface casing shoe, 377' to Surface):** Attempt to pressure test the bradenhead annulus to 300#. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 75 sxs Class B cement and spot a balanced plug from 377' to surface, circulate good cement out casing valve. TOH and LD tubing. If the BH annulus does not test, then perforate at the appropriate depth per BLM / NMOCD requirements and attempt to circulate cement to surface filling the casing and the annulus.
11. 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.