During   Mell APT No.	Submit 3 Copies To Appropriate District Office	State of Ne					Form C		
Dissaul   Institute   Dissaul   Di	District I	Energy, Minerals and	ıvatui	ai Kesources	WELL AP	INO	Revised March 25	, 1999 	
2040 South Packeco   S. Indicate Type of Lease   STATE   Lease   Lea		OIL CONSERVATION DIVISION			30-039-20939				
STATE   FEE									
SunDry Notices and Reports on Wells   SunDry Notices   S	1000 Rio Brazos Rd., Aztec, NM 87410		STATE  FEE X						
IGO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A   DIFFERENT RESERVOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH   PROPOSALS)   Lindrith Unit		,			6. State O	il & Gas I	Lease No.		
1. Type of Well: Oil Well   Gas Well	(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					7. Lease Name or Unit Agreement Name:			
Energen Resources Corporation 3. Address of Operator 3. Address of Operator 3. Address of Operator 3. Address of Operator 4. Well Location  Unit Letter M : 800   feet from the   South   line and   1040   feet from the   West   line   Section   11   Township   24N   Range   3W   NMPM   NMPM   County   Rio Arriba   10. Elevation (Show whether DR, RKB, RT, GR, etc.)   6935   GR  11. Check Appropriate Box to Indicate   Nature of Notice, Report, or Other Data   NOTICE OF INTENTION TO:   SUBSEQUENT REPORT OF:   REMEDIAL WORK   ALTERING CASING   TEMPORARILY ABANDON   CHANGE PLANS   COMMENCE DRILLING OPNS.   PLUG AND   ABANDONMENT   CASING TEST AND   CEMENT JOB   OTHER:   TOTHER:   TOT	1. Type of Well:	Other			Lindrith	Unit			
3. Address of Operator 2.198 Bloomfield Highway, Farmington, NM 87401  4. Well Location  Unit Letter M						8. Well No.			
2198. Bloomfield Highway. Farmington. NM 87401  4. Well Location  Unit Letter M : 800 feet from the South line and 1040 feet from the West line Section 11  Township 24N Range 3W NMPM NMPM County Rio Arriba 10. Elevation (Show whether DR, RKB, RT, GR, etc.) 6935 GR  11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: REMEDIAL WORK PLUG AND ABANDON 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.  Energen Resources intends to plug and abandon this well as per the attached plugging procedure.  hereby certify that the information above is true and complete to the best of my knowledge and belief.  SIGNATURE Low Law Law Law Law Law Law Law Law Law La		<u>m</u>				<u>.</u>			
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## PLUG & ABANDONMENT PROCEDURE

9/8/03

## **Lindrith Unit #80**

South Blanco Pictured Cliffs 800' FSL & 1040' FEL, Section 11 T-24-N, R-3-W Rio Arriba Co., New Mexico, API #30-039-20918

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 is ASMT Type II mixed at 15.6 ppg with a yield of 1.18 cf/sx.

- 1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Energen safety rules and regulations. MOL and RU daylight pulling unit. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
- 2. Tally and PU 1-1/4" workstring. Attempt to fish parted sand line and swabbing tools with prong grapple on 1-1/4" tubing. If unable to recover parted sandline, circulate the casing clean as deep as possible and then proceed to Step 4.
- 3. Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland tops, 3061' 2585'): If all or  $\frac{\rho c}{3}$ most of the fish is recovered, then set a 2-7/8" wireline CIBP at 3061' or as deep as possible. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 24 sxs cement (two 12 sxs stages) and spot inside the casing above the retainer to isolate the Pictured Cliffs perforations and to cover the Fruitland, Kirtland and Ojo Alamo tops. TOH with tubing.
- 4. If unable to recover the fish, then set a 2-7/8" wireline CR 10' above top of fish. TIH with tubing and sting into the CR. Establish a rate into the Pictured Cliffs perforations. Mix and pump sufficient cement to fill the casing down to the perforations under the CR. Spot cement above the CR up to the appropriate depth or 1280'. PU to 1270' and reverse circulate well clean. TOH with tubing.
- 5. Plug #2 (Nacimiento top, 1260' 1160'): Perforate 2 squeeze holes at 1260'. Establish rate into squeeze holes if casing tested. Set a 2-7/8" wireline CR at 1210'. TIH and sting into the CR. Establish rate into squeeze holes. Mix and pump 40 sxs cement, squeeze 35 sxs cement outside 2-7/8" casing and leave 5 sxs cement inside casing to cover the Nacimiento top. TOH and LD tubing.
- 6. Plug #3 (8-5/8" casing shoe, 174' Surface): Perforate 2 squeeze holes at 174'. Establish circulation out bradenhead with water. Mix and pump approximately 50 sxs cement down the 2-7/8" casing to circulate good cement out bradenhead valve. Shut in well and WOC.
- 7. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.