

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM 28698
2. Name of Operator Dugan Production Corp.	6. If Indian, Altonce or Tribe Name
3. Address and Telephone No. P.O. Box 420, Farmington, NM 87499 (505) 325-1821	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1110' FSL & 850' FWL (SW/4 SW/4) Unit M, Sec. 17, T24N, R1W	8. Well Name and No. Emerald #1
	9. API Well No. 30 039 22837
	10. Field and Pool, or Exploratory Area South Blanco PC
	11. County or Parish, State Rio Arriba, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Plug as follows:

1. Spot Class B + 3% CaCl₂ cement plug 3472' - 3314'. Pictured Cliffs top 3430' with perforations 3454' - 3472'. Fruitland top 3364'.
2. Spot Class B cement plug 3015' - 3115'. Ojo Alamo top 3065'. Cement top for 4" casing established @ 2080'.
3. Spot Class B + 4% gel plug 171' - 0' and pump same cement down 7" x 4" annulus to cover to 171'. Surface casing @ 121'.

Work will be done by 8/23/95.

Class B cement weight is 15.6 lb./gal. with 1.18 cu.ft./sk yield.

Class B + 4% gel weight is 14.1 lb./gal. with 1.55 cu.ft./sk yield.

All plugs will be spotted using fresh water.

RECEIVED
MAR 2 5 1995

OIL COM. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed <u>John Alexander</u>	Title <u>Operations Manager</u>	Date <u>3/8/95</u>
(This space for Federal or State office use)	<u>Chief, Lands and Mineral Resources</u>	Date <u>MAR 2 1 1995</u>
Approved by <u>[Signature]</u>	Title	Date
Conditions of approval, if any:		

Attached

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT

Operator Dugan Production Co. Well Name Emerald #1

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. Albert Naquin with the Cuba Field Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 289-3748. Office hours are 7:45 a.m. to 4:30 p.m.
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made :
 - i. A cement plug will be placed across all perforations and extend 50 feet above and 50 feet below the perforated interval. For this well, plug #1 must extend at least from 3404 feet to 3522 feet.
 - ii. Each interval between the plugs shall be filled with mud of sufficient density to exert hydrostatic pressure exceeding the greatest formation pressure encountered while drilling such interval. In the absence of this information, a minimum weight of 9 pounds per gallon shall be used.