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# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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/ Bu	dget B	urcau	No.	1004-	0135
-	Expire	s: M	arch	31, 199	3

Lease Designation and Serial No.

NM 036224

	TITE OUCLET
SUNDRY NOTICES AND REPORTS ON WELLS	6. If Indian, Allottee or Tribe Name
o not use this form for proposals to drill or to deepen or reentry to a different reservoir.	

	R PERMIT—" for such proposals	N/A
SUBMIT	IN TRIPLICATE	7. If Unit or CA, Agreement Designation
Type of Well  Oil Well Well Well Other  Name of Operator EOG (New Mexico) Inc.  Address and Telephone No. 621 17th St., #1800, Denver  Location of Well (Footage, Sec., T., R., M., or Survey D Unit K 1810' FSL & 1680 Section 31-T24N-	escription) 'SWL R1W	N/A  8. Well Name and No. Crane Federal #6  9. API Well No. 30-039-05233  10. Field and Pool, or Exploratory Area Blanco Pictured Cliffs  11. County or Parish, State  Rio Arriba, NM
CHECK APPROPRIATE BOX(	s) TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonment  Recompletion  Plugging Back	Change of Plans  New Construction  Non-Routine Fracturing

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

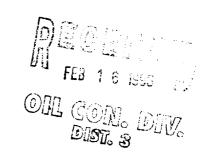
Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this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

Casing Repair

Altering Casing

Well was plugged and abandoned per attached summary.

Final Abandonment Notice



Water Shut-Off

Dispose Water

Conversion to Injection

I hereby certify that the foregoing is true and correct  Signed Saules On Parker	Tide Engineering Tech II	Date
This space for Federal or State Office isses	n Chief, Lands and Mineral Resources	FEB 1 4 19 <b>96</b>
Conditions of approval, if any:	r for surface mistoration 1	equivionent

### EOG (New Mexico) Inc.

November 15,1995

Crane Federal #6 (PC) 1810' FSL, 1680' FWL, Sec. 31, T-24-N, R-1-W, Rio Arriba County, NM NM 036224

Plug & Abandonment Report

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## Cementing Summary:

Plug #1 with retainer at 3120', mix 122 sxs Class B cement, squeeze 103 sxs cement below retainer from 3140' to 2883' above Fruitland top and over Ojo Alamo top; sting out of retainer and leave 19 sxs cement inside casing to 2874'.

Plug #2 with retainer at 1656', mix 10 sxs Class B cement and leave above retainer inside casing from 1656' to 1526' over Nacimiento top.

Plug #3 with 63 sxs Class B cement from 150' to surface, circulate 1/2 bbl good cement returns out bradenhead.

### Plugging Summary:

- 11-13-95 Safety Meeting. Drive rig and equipment to location. RU rig and equipment. Open up well, no pressure. Load casing with 10 bbls water. Attempt to pressure test casing, leak 1 bpm at 400#. Break wellhead off. NU BOP and test. RU A-Plus wireline truck. RIH with 4-1/2" casing gauge ring to 2885', unable to go deeper. RIH with HSC perforating gun, unable to get past 2885'. POH and WOO. A. Yepa, Cuba BLM approved procedure change. PU 3-1/4" bit and casing scraper; RIH with tubing. Work scraper through tight spot at 2885'. Then go down and tag CIBP at 3142'. POH with scraper and bit. Shut in well. SDFD.
- 11-14-95 Safety Meeting. Open up well. Rig up A-Plus wireline unit. Perforate 3 HSC squeeze holes at 3140'. PU 4-1/2" wireline set cement retainer and RIH; set at 3120'. PU 4-1/2" stinger and seal assembly and RIH with 100 joints tubing. Sting into retainer. Establish injection rate into squeeze holes 1 bpm at 1000#. Plug #1 with retainer at 3120', mix 122 sxs Class B cement, squeeze 103 sxs cement below retainer from 3140' to 2883' above Fruitland top and over Ojo Alamo top; sting out of retainer and leave 19 sxs cement inside casing to 2874'. POH with tubing and LD setting tool. Load casing with 4 bbls water. Attempt to pressure test casing, same leak. Perforate 3 HSC squeeze holes at 1710'. PU 4-1/2" wireline set cement retainer and RIH; set CR at 1656'.

EOG (New Mexico) Inc. Crane Federal #6 (PC) 1810' FSL, 1680' FWL, Sec. 31, T-24-N, R-1-W, Rio Arriba County, NM NM 036224

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Plug & Abandonment Report

## Plugging Summary Continued:

- 11-14-95 Continued: PU 4-1/2" stinger and RIH with 53 joints tubing. Sting into retainer. Attempt to establish rate into squeeze holes, pressured up to 1500#. Sting out of retainer. Washout on top of retainer and attempt to sting into retainer again. Pressure up below retainer, unable to squeeze outside casing. Sting out of retainer. Procedure change not approved by BLM because they are shut down due to no budget. Plug #2 with retainer at 1656', mix 10 sxs Class B cement and leave above retainer inside casing from 1656' to 1526' over Nacimiento top. POH and LD tubing and setting tool. Perforate 3 squeeze holes at 150'. Establish circulation out bradenhead with 10 bbls water. Plug #3 with 63 sxs Class B cement from 150' to surface, circulate 1/2 bbl good cement returns out bradenhead. Shut in well and WOC. SDFD.
- 11-15-95 Safety Meeting. Open up well. ND BOP. Dig out wellhead. Cut wellhead off. Found cement in 4-1/2" casing down 30' and 4-1/2" x 8 5-/8" casing annulus down 40'. Mix 15 sxs Class B cement and fill 4-1/2" casing and 4-1/2" x 8-5/8" casing annulus and install P&A marker. Rig down rig and equipment. Move off location.

Notified BLM 6:10 a.m., 11-13-95. No representative on location because BLM shut down; Congress has not approved new budget.