

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM-67111
2. Name of Operator Mitchell Energy Corporation	6. If Indian, Allottee or Tribe Name N/A
3. Address and Telephone No. PO Box 4000; The Woodlands, Tx 77387-4000	7. If Unit or CA, Agreement Designation N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit Letter F: 1980' FNL and 1980' FWL of Section 31 Township 19S, Range 33E	8. Well Name and No. Geronimo Federal 4
	9. API Well No. 30-025-31315
	10. Field and Pool, or Exploratory Area Geronimo Delaware and Gem Bone Springs
	11. County or Parish, State Lea County, New Mexico

2. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Commingled Delaware and Bone Springs</u>	<input type="checkbox"/> Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
3. 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.)*		

See Attachment

I hereby certify that the foregoing is true and correct		
Signed <u>Bob Pauls</u>	Title <u>Staff Production Engineer</u>	Date <u>6-12-96</u>
(This space for Federal or State office use)		
Approved by _____	Title _____	Date _____
Conditions of approval, if any:		

Geronimo Federal Well No. 4
Lea County, New Mexico

Sundry Notice

05/10/96 POOH w/ rods and tubing. RIH w/ CIBP to 3710' and RTTS tool. Located hole in casing between 3553-3570'.

05/11/96 Located second hole in casing between 3187-3218' w/ RTTS tool.

05/12/96 Set CIBP at 3455' and cemented interval 3187-3218' with 300 sacks of Premium Plus w/ 350 SCF nitrogen per bbl slurry. Reversed out 1 bbl of cement.

05/13-14/96 DO 76' of cement and pressure tested interval 3187-3218' to 1000 psi for 30 minutes. Swab fluid level to 3000'.

05/15/96 No fluid entry overnight. DO CIBP at 3455'. Pressure tested casing. Interval 3553-3570' still leaking with PIR of 1/4 BPM at 1300 psi..

05/16/96 Spot 20 sacks 4.3 bbls slurry Micro-Matrix cmt w/ 1% CaCl₂. Pressured up to 900 psi w/ an estimated 1 bbls of cmt out of the casing.

05/17-18/96 WO cement.

05/19/96 DO cement to 3570'. PIR 1/4 BPM at 800 psi.

05/20/96 Spot 50 sacks of Class C w/ 2% CaCl₂ w/ an estimated 3/4 bbls of cmt out of the casing. Pressure tested to 2000 psi.

05/21-22/96 DO cement. Pressure tested interval 3553-3570' to 1000 psi. Leaked off 100 psi in 15 minutes. Swabbed FL to 3200'. Fluid entry 200' in 2 hours. DO CIBP at 3710'.

05/22-25/96 DO cement retainer at 7670', CIBP at 7805' and CIBP at 8984'.

05/26/96 RIH w/ 2-7/8" tubing w/ EOT at 9320' and tubing anchor at 7544'.

05/27-28/96 SD for holiday.

05/29/96 RIH w/ rods and 2-1/2"x1-1/2"x24' RHBC pump.

05/30-6/5/96 Pumped 1234 bbls water.

06/06/96 Pumped 16 BOPD, 162 BWPD at 5 SPM x 168" stroke.