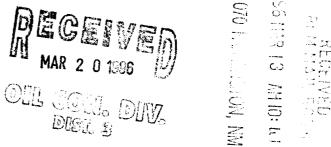
Form 3160-5 (Juna 1990)

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. 6. If Indian, Altottee or Tribe Name Use "APPLICATION FOR PERMIT - " for such proposals 7. If Unit or CA, Agreement Designation 1. Type of Well Oil Oil ⊠ S. Other R. Well Name and No. 2. Name of Operator Case B #4 9. API Well No. Amoco Production Company Gail M. Jefferson, Rm 1295C 3. Address and Telephone No. 30045 10685 P.O. Box 800, Denver, Colorado 80201 (303) 830-6157 10. Field and Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Blanco Mesaverde 11. County or Parish, State 990' FSL 1750' FEL Sec. 18 T 31N R 11W Unit O San Juan New Mexico CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Change of Plans Notice of Intent **New Construction** Non-Routine Fracturing Subsequent Report Water Shut-Off Conversion to Injection Repair Final Abandonment Natice (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 eatlmated date of starting any proposed work . If wall is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) Amoco Production Company has completed the attached repairs to the Case B #4. If you have any technical questions please contact Khanh Vu at (303) 830-4920 or Gail Jefferson for any administrative concerns.



FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

SF-078095

tle 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to more sentencing as to any matter within its jurisdiction.	take to any department o		MINITEDIOTION	
Approved by Conditions of approvel, if eny:		540 1	AMETON DISTRICT OFFICE	
his space for Federal or State office use)	Title		MAR 1 5 1996	
6. I hereby certify that the lareaging is true and correct Signed	. Title	Sr. Admin. St aff (EPTED FOR RECORDS	
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Case B #4 - Repair - Subsequent

MIRUSU 12/18/95. TIH w/pkr and set @ 4781'. Rig up to swab. Swabbed and recovered 122 bbls of water. Point Lookout would not flow up tbg. Released pkr and TOH. TIH set RBP @ 4718' pulled up with tubing and started to swab Cliff House and Menefee with tbg @ 4655'. Recovered 134 bbls water. Pulled tbg up to 4152' and tried to flow well up casing.

Ran automatic diverter flow meter, temperature production profile from 4000' to 4660'. Very little gas coming out of Cliffhouse and RBP was leaking.

TIH with tbg and retrieved RBP @ 4718'. TIH and set RBP at 4790' and dumped bailed sand on plug. Set a cement retainer at 4480'. Cemented with 50 sxs Class B cement from 4487' to 4547'. Average rate 1.0 bpm, max rate 1.0 bpm.

Set a cement retainer at 4360'. Cemented with 125 sxs Class B cement from 4367'-4452'. Average rate 2.0 bpm, max rate 2.0 bpm.

Drill up cement and cement retainer at 4360'. Well unloaded 370 bbls wtr while drilling on first day, 76 bbls wtr on 2nd day. 0 in 1 hr after unloading 35 bbls from 4400'.

Pressure tested casing from 4367' to 4438' to 1000# for 15 minutes.

TOH with pkr, TIH and set cement retainer at 4222'. Cemented with 150 sxs Class B from 4266' to 4376'. Averaged rate 2.0 bpm, max rate 2.0 bpm.

Drill out cement retainer and cement to 4272'. Pressure test to 500#. Held okay. Drill out to 4310 pressure test to 500#. Lost 450# in 3 minutes. Drill out cement to 4345' and TOH. Cemented from 4266' to 4345' with 40 sxs Class B cement. Tagged cement @ 4148' drilled to 4300'. Pressure test to 1000#. Held ok. Drill cement to 4335' and pressure tested to 500#. Lost 100# per minute. TOH with bit and DC.

Cemented from 4316' to 4327' with 25 sxs Class B cement. TIH with bit and drilled cement from 4270' to 4300'. Pressure test to 500#. Lost 500# in 2-1/2 minutes. TOH with tbg.

TIH with pkr to 4026'. Cemented from 4270' to 4300' with 100 sxs Class B cement. Average rate 1.0 bpm, max rate 1.0 bpm.

Released pkr at 4026', drilled cement from 4245' to top of cmt retainer at 4480'. Pressure test to 500#. Held okay. Drilled out cement retainer at 4500', pressure test and lost 500# in 5 seconds. Continued to drill out to 4555'. TOH with bit.

TIH and set retainer at 4480'. Cemented from 4487'-4547' with 100 sxs Class B cement. Stung out left 10 on cement retainer.

TIH with bit and tagged cement on cement retainer at 4480'. Pressure test to 500#. Lost 500# in 4-1/2 minutes. TOH, TIH with pkr and found leak between 4327'-43'.

Set cement retainer at 4220'. Cemented from 4327' to 4343' with 100 sxs Class B cement. Average rate 1.0 bpm, max rate .5 bpm.

Drill out cement retainer @ 4220' and cement to 4312'. Pressure test squeeze perfs at 4266'-68' and 4274'-88' to 500#. Held okay. Drill out cement retainer at 4480' and cement to 4595'. Circulate hole and pressure test to 500#. Held okay. Circulated from liner top.

Cleaned out sand on RBP at 4790' and TOH with RBP. TIH and cleaned out bottom.

Landed 2.375" tbg at 5054'. Stroked pump to 600#. Held okay.

RDMOSU 2/6/96.