Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Amoco Production Company ATTN: J.L. HAMPTON

3. ADDRESS OF OPERATOR
P. O. Box 800 Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
943' FNL, 1784' FEL

5. LEASE DESIGNATION AND SERIAL NO.
Federal 91002001 SF 080597

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Sullivan Gas Com B

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Blanco Mesaverde

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21, T32N-R10W

14. PERMIT NO.
API 30 045 11373

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6256' KB

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐				
(Other) Squeeze			X	(Other)			

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

17. 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.)*

Amoco Production Company intends to do a Circulation squeeze to place cement to surface behind the 7" casing. This technique will isolate all zones. See attached for procedure:

RECEIVED
APR 09 1990
OIL CON. DIV.
DIST. 3

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

SIGNED John L Hampton for JLH J. L. Hampton TITLE Sr. Staff Administrative Supv. DATE 3/13/90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
APR 04 1990
AREA MANAGER

*See Instructions on Reverse Side

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.

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations. (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2). (3) Analyze future applications to drill or modify operations in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

* U.S. Government Printing Office:1983-776-009/4702 R8

SULLIVAN GC B #1 - MV
FRUITLAND SQUEEZE PROCEDURE
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1. Check location for anchors. Install if necessary. Test anchors.
2. MIRUSU. Blow well down. Kill if necessary w/ 2% KCl. NDWH. NUBOP.
3. RIH & tag for fill. Tally OOH w/tbg. TIH w/ 6 1/8" bit and scraper (Drift I.D. of csg. is 6.241") to approx. 4784'. POOH. RIH w/ RBP and pkr. Set RBP at 4774' in 7" casing. Pull 1 std and pressure test RBP to 2000 psi. Load backside and PT to 750# to confirm no leak. NOTIFY Jim Beckstrom IMMEDIATELY (X5137) if there is a leak!!!!! (Call Theresa Wisda at x4587 if Jim can not be reached!) If leak proceed to step #4, if not proceed to step #9. (BLM will be notified.)
4. Run CBL from RBP to surface. Note top of cement. (Calc. top is at 3070'). If leak is located below the top of cement, continue with step #5. If leak is above the top of cement, go to step #10.
5. Isolate leak. Once leak is located, PT the backside. If backside holds, proceed to step #6 after spotting 2 sacks of sand on top of the RBP. If backside leaks, continue POOH and pressure testing the backside to isolate upper leak. After locating the leak, spot 2 sx. sand on top of RBP. TOH w/pkr. Proceed with steps 6-8 for each leak starting with the lowest leak first. (If a large section of casing is bad, call Denver for procedures.)
6. Establish rate into leak with fresh wtr. If rate can not be established into leak, shoot squeeze holes. SQ w/a minimum of 75 sx Class B 2% CaCl (Put .6% D60 for fluid loss in first 75% of the sx) Use more cement if necessary. Do not exceed 1500# squeeze pressure. Rev Circ. off of Pkr. WOC 24 hrs.
7. RIH w/ 6 1/8" bit and csg scraper. Drill out cmt. PT Csg. to 750#. POOH.
8. Swab test the cement squeeze. Re-squeeze if necessary.
9. Run CBL from RBP to surface. Note top of cement. FAX copy to Jim Beckstrom. If CBL shows cement across the Fruitland, proceed to step #18. If no cement across the Fruitland, perforate 4 holes just above the TOC and continue with step #10.
10. Attempt to circ. to surface through the leak/holes w/fresh water. If circulation can be established, load the csg/tbg annulus with KCl water & pressure up to 1000#. Calc. amount of cement needed by multiplying the (Depth of the leak/hole) x (.127 sx/ft) x (2). Pump calc. amount of Class B 2% CaCl with 0.6% for fluid loss in the first 75% of the sx. Do not exceed 1500# squeeze pressure. Rev circ off of pkr. WOC 24 hrs. If circulation could not be established, establish rate into leak/hole w/fresh water. Squeeze with 75 SX Class B 2% CaCl with 0.6% D60 for fluid loss in first 75% of the sx. Use more cement if necessary. Do not exceed 1500# squeeze pressure. Rev circ off of pkr. WOC 24 hrs.
11. RIH w/ 6 1/8" bit and csg scraper. Drill out cmt. PT Csg. to 750#. POOH.
12. Swab test the cement squeeze. Re-squeeze if necessary.
13. Run CBL from RBP to surface. Fax copy to Jim Beckstrom. If the Fruitland is covered, go to step #18.

14. If there was a csg leak and it was above the Fruitland, perforate 4 holes at 2550'. Establish rate into perfs w/fresh wtr. Squeeze with 75 sx Class B 2% CaCl with 0.6% D60 for fluid loss in the first 75% of the sx. Use more cement if necessary. Do not exceed 1500# pressure. Rev circ off of pkr. WOC 24 hrs.
15. RIH w/ 6 1/8" bit and csg scraper. Drill out cmt. PT Csg. to 750#. POOH.
16. Swab test the cement squeeze. Re-squeeze if necessary.
17. Run CBL from RBP to surface. FAX copy to Jim Beckstrom and discuss results and determine if additional squeezing is necessary.
18. RIH w/tbg and retrieving head. Clean out to RBP w/foam. Release RBP and POOH.
19. If fill was encountered, proceed with sand clean out according to the attached procedure beginning with step 5. If no fill, RIH w/tbg w/a BHA of a saw tooth collar, 1jt., a SN and land at 5484'.
20. NDBOP. NUWH. Kick well around w/nitrogen if well had casing leak or a sand clean out was performed. Otherwise, swab well in. (If more than one day of swabbing is required, release rig and call in wireline swabbing unit.)
21. RDMOSU. Return well to production.