

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

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 012647
2. Name of Operator Amoco Production Company		6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 800, Denver, Colorado 80201 (303) 830-4075		7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980'FSL 1095FWL Sec. 22 T 31N R 9W NW/4SW/4		8. Well Name and No. Riddle B-1 #2 15231
		9. API Well No. 3004527461
		10. Field and Pool, or Exploratory Area Basin Fruitland Coal Gas
		11. County or Parish, State San Juan New Mexico

12. 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 checked="" 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 checked="" type="checkbox"/> Other Workover
	<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.)*

Please see attached for procedures.

If there are any questions, contact Mike Curry at (303) 830-4075.

RECEIVED
JUN 15 1994
OIL CON. DIV.
DIST. 3

070 FARMINGTON, NM
94 JUN -9 PM 12:54

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

Signed Mike Curry Title Business Analyst Date 06-06-1994

(This space for Federal or State office use)

RECEIVED FOR RECORD

Approved by
Conditions of approval, if any:

Title

Date

JUN 13 1994

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.

GENERAL INSTRUCTIONS

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.

SPECIFIC INSTRUCTIONS

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 13 - 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.

NOTICE

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.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0135), Washington, D.C. 20503.

RIDDLE B-1 #2

MOVE IN RIG UP OPEN HOLE COMPETITION RIG 5/11/94. N/D WELLHEAD & NUBOP & LAY BLOW LINES & BLOOIE LINES. RIG UP BIG A 19, RIG UP BLOOIE LINES & BLEED OFF WELL. RIG UP FLOOR TO LD 2.375" TBG. CHG RAMS ON BOP, WEATHERFORD SET WLBP @ 2820'. LOAD HOLE W/WTR, PUDP & PUT ON RACKS, TALLY & CALIPER DC & DP TEST BOP, HCR'S, MANUALS, MANIFOLD & ALL VALVES 250# LO, 2500# HI, PICK UP 3.5" DP & 4.75" DC.

DRILL BRIDGE PLUG & UNLOAD HOLE, CLEAN OUT TO 3114' (TD) W/1500 CFM AIR & 5 BBLs WTR SWEEPS AS NEEDED, BRIDGES @ 2969' & 2998' & 7' FILL @ TD. LARGE AMOUNTS OF WTR & FINE COAL ON RETURNS. ROTATE & RECIPITATE, TOH TO CSG SHOE. FLOW TEST #1 THRU .75" CHOKE, ISIP-50#, 1 HR - 185#, 2682 MCFD. ROTATE & RECIPITATE W/SAME AIR & SWEEPS, BRIDGES @ 3032' - 3056', 3064' - 3114'. USE 2 SOAP SWEEPS TO C/O & SHORT TRIP TO FLOW 1 HR & CK FOR FILL. TOH TO SHOE & BLOW DWN THRU BLOOIES. TIH, NO FILL, TOH FOR UNDER REAMER. TIH W/6.25" WEATHERFORD UNDER REAMER TO 2870'. 2870'-2959' W/ARMS 9.5", PSI UP & CAN'T PMP. WORK ARMS THRU CSG SHOE. TOH, JET PLUGGED W/COAL & PLASTIC COATING FROM D.P., ARMS BENT ON UNDER REAMERS, CHANGE REAMERS & TIH. UNDER REAMING TO 3114' W/2250 CFM AIR & .5 BPM WTR. TOH, LD TOOLS, TIH W/6.25" BIT, NO BRIDGES, C/O TO TD W/SMALL AMT COAL/SHALE. ROTATE & RECIPITATE W/1500 CFM AIR & 5 BBLs WTR SWEEPS EACH HALF HOUR, VERY LITTLE COAL RETURNS.

TOH TO CST #1. SI PRESSURE TEST: 425# IN 2 HRS. CST #1, 7 TIMES NATURAL @ 425 - 430# IN 1 HR BUILDUPS, 3 CST'S W/AIR & 10 BBLs WTR @ 480-490#. 3 MORE CST'S NATURAL @ 425#. 1ST CST AFTER AIR CST HAD LARGER AMT OF COAL. CAVITATE 14 TIMES NATURAL @ 420 - 430#, 4 TIMES W/AIR @ 500 - 555#, TOTAL 60 BBLs WTR.

CST #1, 420-425# NATURAL. TAKES FULL HR TO BUILD TO CST PRESSURE. TIH, PU SWV, TAG 2965', C/O 2965-2973' W/1500 CFM AIR & 5 BW SWEEPS EACH .25 HR, 5' FILL @ TD. ROTATE & RECIPITATE W/SAME AIR, SWEEP EACH 30 MIN FAIR AMT WTR, BLOW WELL DRY. LD 8 JTS TO SHOE & TOH. FLOW TEST #2 THRU .75" CHOKE, ISIP - 60# 15 MIN - 230# 90 MIN - 240# - 3480 MCFD. CST #2 - CST 3 TIMES @ 390# IN 1 HR BUILDUP, START CST W/AIR. CST #2 W/AIR 2 TIMES @ 500# W/HEAVY COAL RET, CST NATURAL 7 TIMES @ 420# W/MED TO LIGHT COAL RET, CST 3 TIMES W/AIR @ 540# W/MED TO HEAVY COAL RET, CST 4 TIMES NATURAL @ 420# W/HEAVY TO MED COAL RETURNS.

CST #2 NAT & W/AIR. NATURAL BUILDUP AS FOLLOWS: START - 0, 15 MIN 350#, 30 MIN 390#, 45 MIN 400#, 60 MIN 410#. BLOW DWN. TIH, NO BRIDGES, 8' FILL @ TD. ROTATE & RECIPITATE W/1500 CFM AIR & 5 BBLs SWEEPS EACH HR, START SOAP SWEEPS & BROUGHT BACK GOOD COAL AFTER SWEEP. TOH FLOW TEST #3: ISIP - 60#, 15 MIN 220#, 30 MIN 230#, 45 MIN 235#, ALL DRY GAS. FLOW TEST #3, 243# MAX PSI, 3.5 MMCFD. CST #3 6 TIMES NATURAL 400-450#, CST 6 TIMES W/AIR 500-530#, CST 3 TIMES NATURAL. ALL CST'S HAD FAIR AMOUNTS FINE COAL.

CAVITATE NATURAL. TIH, 8' FILL @ TD. ROTATE & RECIPITATE W/1500 CFM AIR W/2.5 GAL SOAP TO 10 BBLs WTR @ REPORT TIME. START USING FRESH WTR SWEEPS TO REMOVE SOAP & DRY HOLE. ROTATE & RECIPITATE W/FRESH WTR SWEEPS EACH 30 MIN, HOLE CLEAN. TOH, FLOW TEST 242#, TIH. ROTATE & RECIPITATE W/SWEEPS AS NEEDED. TOH, FLOW TEST 242# PSI, FLOW THRU BLOOIES. TIH, 9' FILL, SLIGHT BRIDGE @ 3005'. ROTATE & RECIPITATE W/1500 CFM AIR & 5 BBLs WTR SWEEPS EACH 30 MIN.

ROTATE & RECIPITATE W/1500 CFM AIR & FRESH WTR SWEEPS EACH 30 MIN. FLOW THRU BLOOIES, ROTATE & RECIPITATE W/SAME SHORT TRIP TO SHOE. FLOW TEST 243#, FLOW THRU BLOOIES. TIH, NO BRIDGES OR FILL, ROTATE & RECIPITATE. LAY DWN DP & DC. RIG UP TO RUN 3.5" TBG, PICK UP 3.5" TBG, RUN F NIPPLE & 2 JTS TBG. BAD THREADS ON F NIPPLE. W.O. NEW F NIPPLE, TIH W/3.5" MULE SHOE, 1 JT 3.5", F NIPPLE 3.5" & 2.75", 90 JTS SAME TBG, LAND @ 2836.09 KB. RIG DWN, CLEAN PITS, RIG RELEASE @ 1630 HRS, 5-22-94.