

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. SF-078051
2. Name of Operator Amoco Production Company		6. If Indian, Allottee or Tribe Name
Attention: Dallas Kalahar		7. If Unit or CA, Agreement Designation
3. Address and Telephone No. P.O. Box 800, Denver, Colorado 80201 (303) 830-5129		8. Well Name and No. Neil LS #20
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1710'FSL 1630FWL Sec. 33 T 32N R 11W		9. API Well No. 3004523180
		10. Field and Pool, or Exploratory Area Blanco PC
		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 checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<table border="0"><tr><td><input type="checkbox"/> Abandonment</td><td><input type="checkbox"/> Change of Plans</td></tr><tr><td><input type="checkbox"/> Recompletion</td><td><input type="checkbox"/> New Construction</td></tr><tr><td><input type="checkbox"/> Plugging Back</td><td><input type="checkbox"/> Non-Routine Fracturing</td></tr><tr><td><input checked="" type="checkbox"/> Casing Repair</td><td><input type="checkbox"/> Water Shut-Off</td></tr><tr><td><input type="checkbox"/> Altering Casing</td><td><input type="checkbox"/> Conversion to Injection</td></tr><tr><td><input type="checkbox"/> Other _____</td><td><input type="checkbox"/> Dispose Water</td></tr></table> <p>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing	<input checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water
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<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water												

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.

RECEIVED
JUL 25 1994
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
94 JUL 20 PM 1:12
070 FARMINGTON, NM

14. I hereby certify that the foregoing is true and correct.
Signed Dallas Kalahar / SP Title Staff Business Analyst Date 07-18-1994

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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 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.

NEIL LS #20

MIRUSU 4/29/94. RIG SRVICE SIC 340 SIT 320, SIBH 100. BLOW DWN. RIG UP CUDD, TOH W/1.25" COIL TBG. NDWH-NUBOP. TALLY 1.25" TBG. TIH W/1.25" BIT, SCRAPPER & 1.25" TBG TO 2800'. TOH. TIH W/2.5" BP SET @ 2700'. TOH TO 2650'. PRESSURE TEST BP & CSG TO 500 PSI. TOH W/1.25" TBG & RET HEAD.

TIH W/2.5" PK SET @ 1800'. TEST TO 500 PSI, OK. ISOLATE CSG LEAK 995' TO 1025'. TOH W/PK, RUN CBL 2770' TO SURFACE. CMT TOP @ 1840'. SPOT SAND ON BP SET @ 2700'. NDBOP REMOVE DONUT. INSTALL CSG SLIPS W/40,000 # PULL. NUBOP TEST TO 1500 PSI, OK. START TIH W/1" LINE PIPE. RIG SERVICE, FIN TIH W/1" PIPE TO 1550'. SET RATE 1 BPM 800 PSI. PMP DYE TEST, CIRC DYE TO SURFACE W/80 BBLs PUMPED. CIRC BS & BH. CMT W/570 SXS B NEAT, W/.03% HALAD 344 .02% SUPER CBL. LOST CIRC W/65 B OF CMT PUMPED. NO CMT TO SURFACE.

TIH W/2.25" BIT, 2.5" SCRAPPER TO 1300', TOH. PRESSURE TEST CSG LEAK @ 995' TO 1025' TO 500 PSI. LEAK OFF FROM 500 PSI TO 150 PSI IN 30 MIN. RUN CBL. RUN CBL FROM 2700' TO SURFACE. CMT TOP @ 500'. TIH W/2.5" PK, CHECK FOR CSG LEAK. #1 SETTING SET PK @ 1071' PRESSURE TEST TBG TO 500 PSI, OK. BACK SIDE LEAKED OFF. #2 SETTING SET PK @ 995'. PRESSURE TEST TBG LEAKED OFF. PRESSURE TEST BACK SIDE TO 500 PSI, OK. (CSG LEAK 995'-1025'). TOH W/2.5" PK. TIH W/OPEN ENDED TBG TO 1071'. SPOT 21 SX OF CLASS B NEAT CMT. TOH TO 937', REV CIRC EXCESS CMT OUT OF WELL. TOH W/1.25" TBG. SQUEEZE CSG LEAK @ 995' TO 1025'. FINAL SQUEEZE PRESSURE 1000 PSI.

TIH W/2.25" BIT, 2.5" SCRAPPER & 1.25" HY DRLG PIPE. TAG CMT @ 941'. DRLG CMT TO 1071'. CLEAN OUT TO 1150'. PRESSURE TEST CSG TO 500 PSI, OK. TOH LAY DWN 1.25" HY DRLG PIPE. TIH W/1.25" TBG & RET HEAD. TAG FILL @ 2685'. CIRC CLEAN TO BP SET @ 2700'. REL BP, TOH W/BP. TIH W/1.25" BIT, 2.5" SCRAPPER & 1.25" TBG. TAG FILL W/N2 FROM 2935' TO 3045' PBD.

TOH LAYING DWN 1.25" TBG. PERF PC W/2SPF 2873' TO 2799'. NDBOP, RU TO SWAB. MIRU COIL TBG UNIT, RIH & CLEANED OUT TO 3029'. ROH & RIH & LANDED 1-1/4" COIL TBG @ 2873', PUMPED OUT PLUG W/3500 SCF N2, HOOKED UP WELL HEAD. RD COIL TBG UNIT. CIRC HOLE W/600 SCF/M @ 1100 PSI.

UNLOAD HOLE FOR 16 HRS PUMPING 300 CFM @ 340 PSI, REC 93 BBLs, 5 BPH REC RATE. UNLOAD WELL W/300 CFM @ 350 PSI, REC 80 BBLs 3.33 BPH, CONT TO UNLOAD WELL. UNLOAD HOLE W/ 300 CFM @ 350 PSI REC 65 BBLs 2.7 BPH.

CIRC HOLE W/AIR 250 CFM @ 320 PSI. TRIED TO FLOW WELL UP CSG ON 1/8 CHOKE. WELL DIED, STARTED TO CIRC W/AIR AGAIN, WATER RATE DROPPED FOR 2.5 BBL/HR TO 1.5 BPH. CIRC HOLE FOR 24 HRS W/AIR & SOAP. TRIED TO FLOW TEST WELL ON 1/4" CHOKE. PRESS DROPPED TO 5 PSI, WELL DIED, REC NO FLUID, CONT TO CIRC W/AIR.

CIRC HOLE W/AIR, TRIED TO FLOW WELL UP ON 1-1/4 TBG ON 1/4 CHOKE. WELL DIED, CONT TO CIRC W/AIR. FLUID REC = 1-1/2 BPH AVG.-NO INC IN GAS. UNLOADING WELL W/AIR 300-350 CFM @ 320-330 PSI, REC 18 BBLs IN 12 HRS, NO SAND, NO INCREASE IN GAS. WELL WILL NOT FLOW. SHUT WELL IN, RIGGED DWN AIR EQUIPMENT 6/17/94.