

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-078147
2. Name of Operator Amoco Production Company		6. If Indian, Aliquies 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. Moore LS #3
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1800FSL 1090FWL Sec. 13 T 32N R 12W		9. API Well No. 300456006000
		10. Field and Pool, or Exploratory Area Blanco Mesaverde
		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	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input checked="" type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other Repair <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.

14. I hereby certify that the foregoing is true and correct.		09-02-1994	
Signed <u>Dallas Kalahar/SGP</u>	Title <u>Staff Business Analyst</u>	Date	
(This space for Federal or State office use)			
Approved by _____		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.

MOORE LS #3

MIRUSU 6/24/94. ND WELL HEAD, NUBOP, TOH W/182 JTS SLOTTED JT & MUD ANCHOR. TIH W/5 7/8 BIT & TBG & TAGGED UP @ CSG SHOE 5155. TOH W/BIT & TIH W/5 7/8 BIT & 8 - 4 3/4 DC JARS BS 2 - 4 3/4 DC & PICKED UP 155 JTS 2 7/8 DP TO 5100'. CIRC HOLE W/SOAP 750 CM @ 300-700 PSI. CLEANED OUT TO PBTD OF 5390' IN 7HRS. PUMPED 10 BBLS POLYMER & PULLED OUT TO 5120'.

BLD OFF PRESS, TIH & TAGGED BRIDGE @ 7270', RU AIR & CIRC W/SOAP & 14-1600 CFM. CLEANED OUT TO PBTD OF 5390'. TIH W/4 1/2 STAR GUIDE SHOE W/DOUBLE FLOAT, 1 JT OF 4 1/2 CSG 11.6 LB, LANDING COLLAR, 7 JTS 4 1/2 CSG. TIH W/2 7/8 DP, TAGGED UP 10' BELOW CSG SHOE. RU AIR & BROKE CIRC W/AIR & FOAM @ 400 PSI W/14-1600 CFM CIRC THROUGH FILL @ 5165'. TIH W/LINER, NO AIR, NO HOLE, TAGGED @ 5385'. PUMPED 20 BBLS CHEM WASH, 5 BBLS WATER, 60 SXS CMT EQUIP, 12.2 BBLS CLASS G 15.8 PPG W/.2% CBL & .4% HALAD 314. DISPLACED W/29 BBLS BUMPED PLUG 125 PSI. STUNG OUT OF LINER & TOH W/30 STD.

TIH W/6 1/4 BIT & TAGGED CMT @ 4360 LOADED HOLE W/150 BBLS. DRILLED STRINGERS TO 4515', CONT TO TIH & TAGGED STRINGERS @ 4820 & DRILLED TO LINER TOP @ 5028'. EST INJ RATE OF 2 BPM @ 500 PSI, CIRC HOLE CLEAN. TOH LAYING DOWN 2 7/8 DP & BIT & SCRAPER. TIH W/3 7/8 BIT & SCRAPER & 2 3/8 TBG. TAGGED CMT @ LINER TOP @ 5028'. LOADED HOLE & DRILLED 5' CMT. TAGGED STRINGERS FROM 5045 - 5136'. TIH & TAGGED @ 5210', DRILLED WIPER PLUG & CMT TO LANDING COLLAR @ 5341'. DRILLED CMT TO 5365', CIRC HOLE CLEAN. PRESS TEST TO 1200 PSI AGAIN, HELD OK. RIH W/GR & JB & TAGGED UP @ 5356'. RAN CBL, RD WLE.

BLD BHP OFF TO STEADY BLOW, NDBOP & WELL HEAD. WELD ON 7" CSG STUB, NUWH & PRESS TEST SEALS TO 1700 PSI, HELD OK. RU FRAC VALVE & BOP. RIH W/CBL CCL GR & RAN FROM 5362' TO LINER TOP @ 5028' & 7" CSG TO 700'. EST CMT TOP ON LINER @ 5250' & EST CMT TOP ON 7" 2570'. RIH W/3 1/8 BY 10' DUMMY GUN. ROH RD WLE & PRESS TEST CSG 3500 PSI, HELD OK. RIH W/2 1/2 & 10' SCALLOPED PORT GUN & SET DOWN @ 5158' 4 TIMES & ROH W/3' SCALLOPED PORT GUN & ST DOWN @ 5158' 4 TIMES & ROH. TIH W/3 7/8 BIT & BIT SUB, TAGGED UP @ 5151', TOH W/BIT. TIH W/TBG & TOH LAYING DOWN TBG. NDBOP & WELL HEAD. NU WELL HEAD & PRESS TEST TO 1700 PSI. RDMOSU & EQUIP 7/2/94.

MIRUSU 7/23/94. RBP & PKR TO 4412', CIRC HOLE W/80 BBLS. PRESS UP ON CSG TO 2200 PSI, HELD OK. PRESS UP TO 2500 PSI, HELD OK. TOH W/RBP & PKR, PRESS TEST CSG & FRAC VALVE TO 3500 PSI, HELD OK. RIH & PERF POINT LOOKOUT W/3 1/8 HCG W/4 JSPF 13 GRM CHARGE 90 DEG PHASED FROM 5357' - 5360', 5337'-5340', 5306'-5324', 5291'-5294', 5245'-5268', 5221'-5233', 5206'-5209'.

FRAC POINT LOOKOUT INTERVAL FROM 5206'-5360' W/70 QUALITY FOAM & 1100 SXS OF 16/30 BRADY SAND, 300 SXS OF 16/30 SUPER LC SAND. PUMPED 42554 GAL FOAM PAD & STAGED IN SAND FROM 1 PPG TO 5 PPG, AVG RATE =60 BPM. TIH W/TBG & TAGGED SAND @ 4820. PRESS TEST PLUG TO 1500 PSI, HELD OK. RU WLE & RIH & PERF CLIFF HOUSE W/3 1/8 HCG 4 JSPF 90 DEG PHASED 13 GRM CHG FROM 4848'-4876', 4814'-4840', 4784'-4799', 4768'-4780', 4727'-4730', 4694'-4709'. FRAC MV CLIFFHOUSE INTERVAL 4694'-4933', W/70 QUALITY FOAM & 16/30 SAND, TOTAL SAND PUMPED 189900 LBS. TOTAL N2 PUMPED 1,641,978 SCF.

RU WLE RIH W/WL SET RPB & SET @ 4375, LOADED HOLE & PRESS TEST TO 1000 PSI, HELD OK. RIH & PERF CSG @ 2100' W/2 JSPF .45 HOLE RE WLE. TIH W/RET PKR & SET @ 1772'. MIXED & PUMPED 270 SXS HALLIB LITE W/5% CAL SEAL & .3% HALIAD 344 .2% CBL TAILED IN 100 SXS CLASS B W/3% HALIAD 344 & 5% CAL SEAL. CIRC CMT TO SURF 12 BBLS TO PIT. PRESS TEST TBG & SQUEEZE TO 500 PSI, HELD OK. RELEASED PKR @ 1772 & TOH. TIH W/6 1/4 BIT & SCRAPER & 6 4-3/4 DC, TBG TAGGED UP @ 1954, DRILLED CMT TO 2120. CIRC HOLE CLEAN, PRESS TEST TO 500 PSI, HELD OK. TIH W/RET HEAD & TAGGED SAND @ 4300', CIRC OFF SAND ON RBP SET @ 4375'.

TIH W/2 3/8 OVER SHOT & BS & TBG, TAGGED RBP @ 4375', PULLED 8K OVER STRING & RELEASED RBP. TIH W/3 7/8 CONE BIT & STRING FLOAT & TBG, TAGGED @ 4695. CIRC & CLEANED OUT TO 4913'. DRILL OUT CMT TO 5417' TO LAND IN COLLAR, CIRC HOLE CLEAN, TOH TO 3400'. TIH W/ 1/2 MULE SHOE, 1 JT, SN W/F-COLLAR & TBG, TAGGED UP 5355. RU AIR EQUIP & CLEANED OUT TO 5417'.

BLD OFF PRESS ON TBG, TIH & TAGGED FILL @ 5416'. NDBOP, ND WELL HEAD. NU NEW WELL HEAD & PRESS TESTED TO 1500 PSI, HELD OK. NUBOP, REL PKR & TOH, TIH & LANDED TBG BACK @ 5273'. RDMOSU 8/6/94.