

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, 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		8. Well Name and No. Moore LS #5
(303) 830-5129		9. API Well No. 3004560070
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 990'FSL 1650FWL Sec. 24 T 32N R 12W		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 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 for procedures.

RECEIVED
JUN 27 1994
OIL CON. DIV.
DIST. 3

070 FARMINGTON, NM
JUN 20 11:32
RECEIVED
BLM

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

Signed

Dallas Kalahar

Title

Staff Business Analyst

Date

06-16-1994

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ROUTED FOR RECORD

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.

MOORE D #5

MIRUSU 5/3/94. BLED OFF PRESS, PMP 5 BBLS WTR DWN TBG. ND WELLHEAD NUBOP. TIH W/8' & TAGGED. TALLIED & TOH W/180 JTS INC. MUD ANCHOR, TAGGED @ 5563'. TIH W/RBP & SET @ 5300'. LOADED HOLE & CIRC OUT GAS & PRESS TEST CSG TO 1500 PSI, HELD OK. TOH W/RET HEAD. NIPPLE DWN BOP & WELLHEAD. WELD ON CSG STUB, NIP UP 3X5 PSI WELLHEAD & PRESS TEST SEALS TO 2000 PSI, PRESS TEST CSG TO 3500 PSI, HELD OK. RU WLE, RAN CBL CCL GR FROM 5298 TO SURF. RD WLE, TIH W/RET HEAD TO 4700'. RU N2 EQUIP & UNLOAD HOLE W/50,000 SCF N2.

TIH W/RET HEAD, LATCH RBP @ 5300'. WORKED TBG TO RELEASE RBP. TOH W/TBG LEFT 23 JTS & RET HEAD W/BOX LOOKING UP. TIH W/3 1/8 OVER SHOT, LATCHED TBG & RELEASED RBP @ 5300' & TOH. FOUND HOLE IN TBG @ 1240'. FRAC EQUIP & FRAC MV POINT LOOKOUT OPEN HOLE FROM 5330 - 5563 W/180,000 LBS 16/30 SAND & 30,000 LBS OF 16/30 SUPER LC SAND, 2074 SXS PMP 70 QUALITY FOAM. BOTTOM HOLE RATE AVG @ 58 BPM. STAGGED SAND FROM 1 PPG TO 5 PPG, MAX PRESS = 1850, AVG PRESS = 1573, TOTAL FLUID CLEAN = 47344, TOTAL N2 PMP=2,042,858 SCF. DISPLACED FRAC W/8130 GAL, SHUT WELL IN, RD FRAC HEAD. RU WLE & RIH & SET RBP @ 5040'. ROH & PRESS TEST RBP & CSG TO 1500 PSI, HELD OK. RIH W/DUMP BAILER & DUMPED 1 SX OF SAND. RIH & PERF CLIFF HOUSE W/4" CSG GUN, 120 DEGREE PHASED, 2 JSPF 23 GR CHARGE, 20 INCH PENT. PERF FROM:

4988' - 4997'	4944' - 4946'	4936' - 4938'	4923' - 4926'	4918' - 4920'
4906' - 4914'	4893' - 4898'	4877' - 4888'	4868' - 4872'	4855' - 4864'
4772' - 4775'	4761' - 4764'	4748' - 4757'		

RD WLE SWI, FLANGED UP FRAC HEAD.

FRAC MV CLIFFHOUSE INTERVAL 4748 - 4997 W/ 16/30 BRADY SAND & 70 QUALITY FOAM. PUMPED 35,000 GAL FOAM PAD & STAGED IN SAND FROM 1 LB TO 5 LBS. PMPED 180,000 LBS OF 16/30 BRADY SAND & 30,000 LBS OF 16/30 SANDTROL LC SAND IN TAIL. TOTAL ACTUAL SXS=1971, TOTAL N2 PMPED=1,936,220 SCF, BOTTOM HOLE FOAM RATE=59 BPM LIQUID VOLUME PMP 38,450 GAL, MAX PRESS 2850 PSI, AVG TREATING PRESS 2261, SHUT WELL IN RD FRAC EQUIP, HOOKED UP FLOW BACKTREE. FLOW BACK FRAC 5/7/94, OPEN WELL UP ON 1/4 CHOKE FOR 8 HRS. OPEN WELL UP ON 1/2 CHOKE, RECOVERED 223 BBL IN 24 HRS. 5/8/94 FLOW BACK FRAC ON 1/2 CHOKE, RECOVERED 204 BBLS IN 24 HRS, TOTAL RECOVERED = 427 BBLS, NO SAND.

BLED OFF PRESS, PMP 20 BBLS DWN CSG ND TREE & FRAC VALVE. NUBOP, TIH W/TBG & SN & COLLAR W/PLUG VALVE. TIH & TAG @ 4745'. TOH LAYING DWN TBG, OUT W/50 JTS WHEN TBG STARTED TO BLOW. FINISH LAYING DWN, TOH MISSING PMP OUT PLUG, SIH W/NEW TBG & FINGER BASKET & PMP BAILER. SIH W/157 JTS, TAGGED UP @ 4931, CLEANED OUT TO 4955 & TOH W/BAILER & FINGER BASKET. TIH W/POOR BOY JUNK BASKET & HRDRO STATIC BAILER & TAGGED SAND @ 4920. CLEANED OUT 4980 (TOP OF SAND WAS LEFT @ 4955' ON 5/10/94) KILLED WELL W/20 BBLS. TOH W/BAILER, NO PLUG IN POOR BOY JUNK BASKET. TIH W/POOR BOY & PMP BAILER & TAGGED SAND @ 4820' & CLEANED OUT TO 4883'. TOH & LAID DWN TOOLS, TIH W/RBP & SET @ 4690' & LOADED & CIRC HOLE. PRESS TEST RBP TO 1200 PSI, HELD OK. TOH W/RET HEAD. NDBOP & WELL HEAD & REPLACED W/2000 PSI WELL HEAD. PRESS TEST SEALS TO 1500 PSI, DUMPED 2 SXS SAND ON RBP.

RU WLE, RIH & PERF CSG @ 2600' W/2JSPF .45 HOLE W/500 PSI ON CSG. ROH & RD WLE, TIH W/RET PKR & SET @ 2320'. PRESS TEST PKR, BROKE CIRC W/BRADENHEAD @ 3.4 BPM @ 750 PSI. CIRC DYE TEST 126 BBLS, COND HOLE FOR 4 HRS, RU CMT EQUIP & MIXED 450 SXS OF CLASS B W 35/65 POZ & 6% GELAND 2% CACL & 100 SXS OF CLASS B W/ .3% HALAD 344 & 5% CAL SEAL. CIRC 25 BBLS CMT TO SURF. PRESS TEST CMT TO 500 PSI, HELD OK. RELEASED PKR @ 2320' & TOH. TIH W/BIT & SCRAPER, TAGGED CMT @ 2450'. DRILLED OUT @ 2600', CIRC HOLE & PRESS TEST TO 500 PSI, HELD OK. TOH W/BIT & SCRAPER, TIH W/RET HEAD & CIRC HOLE & SAND OFF RBP SET @ 4690. RELEASED RBP & TOH. TIH W/RET HEAD TO 4585'.

FINISH TIH W/RET HEAD TAGGED SAND @ 4882. RU N2 EQUIP CLEANED OUT TO RBP SET @ 5040 W/172,000 N2. TOH W/RET HEAD, TIH W/NEW RET HEAD W/CUT RITE, TAGGED UP ON SAND @ 5010'. REL RBP & TIH W/1 JT, TOH W/RET HEAD. BLED OFF PRESS PMP 40 BBLS, TIH W/2 9/16 OVER SHOT BS JARS & TBG. TAGGED UP @ 5310. RU N2 EQUIP & CIRC OFF SAND TO 5330'. TOH W/RBP, TIH W/3 7/8 BLADED BIT & TBG TO 4790'. OPEN WELL UP ON 1/2 CHOKE FLOWING TBG PRESS = 25 PSI. FLOW WELL TO TANK FOR 1 HR, RECOVERED 20 BBLS, NO SAND.

FLOW TEST MV CLIFFHOUSE & POINT LOOKOUT 5/14/94. FLOW TEST TO TANK ON 1/2" CHOKE. WELL FLWING TO TANK ON 1/2" CHOKE, BLED OFF PRESS, PMPED 10 BBLS DWN TBG. CONT TO TIH W/BLADED BIT, TAGGED UP @ 5380 RU N2 EQUIP & CLEANED OUT TO 5415, TOH W/BIT, TIH 4-3/4, JUNK MILL 3-3/4 BS JARS 6 3-1/2 DC & TBG, TAGGED UP @ 5364'. RU N2 EQUIP & CLEANED OUT TO 5420'. TOH W/BHA, MILL ROUNDED OFF.

bled off press, PMP 40 BBLs, TIH W/4-1/2 MAGNET TAGGED UP @ 5419'. RU N2 EQUIP & CLEANED OUT FILL ON SLIP JUNK WORKED MAGNET & TOH. TIH W/4-3/4 JUNK MILL, TAGGED ON JUNK @ 5420'. RU N2, MILLED ON JUNK TO 5447. TOH W/MILL BS JARS & 6 3-1/2 DC. TOTAL N2 USED = 157K. BLED OFF PRESS, PMP 40 BBLs, TIH W/4-3/4 BIT BS JARS 6 3-1/2 DC TAGGED UP @ 5447. RU N2 EQUIP, CLEANED OUT TO 5490. TOH W/BIT & BHA, TIH W/REV CIRC JET BASKET, TAGGED UP 2 5455, RU AIR & CLEANED OUT TO 5485. TOH W/JET BASKET. TIH W/JET BASKET TO LINER TOP.

FINISH TIH W/JET BASKET, TAGGED UP @ 5483. RU AIR & CIRC HOLE & CLEANED OUT TO 5191, TOH W/JET BASKET & BHA, TIH W/4-3/4 BIT & TAGGED UP @ 5491. RU AIR & CIRC. CLEANED OUT TO 5586. CIRC HOLE CLEAN, TOH TO 5300'. BLED OFF PRESS, PMP 10 BBLs, FINISH TIH W/BHA, TAGGED UP @ 5556. RU AIR EQUIP & CIRC HOLE CLEAN TO 5586 PBTD. TOH W/BIT & BHA. TIH W/ 1/2 MULE SHOE 1 JT. SN F COLLAR & TIH TO 5580, PULLED UP TBG TO 5320 & LANDED TBG IN SLIPS. OPENED WELL UP ON 1/2 CHOKE.

FLOW TEST WELL TO TANK, TOTAL REC ON FLOW TEST = 51 BBLs, NO SAND. BLED OFF CSG PRESS, PMP 6 BBLs DWN TBG, TIH TO 5580. PULLED UP TO 5394 & LANDED TBG. NDBOP, NUWH, OPENED TO TANK ON 1/2 CHOKE. RDMOSU, TURN WELL OVER TO PRODUCTION 5/24/94.

MOORED5.DOC/SP

P-R-O Management, Inc.

PETROLEUM RECOVERY OPERATIONS
Box 158, Suite 1313, Glen Lakes Tower
9400 N. Central Expressway
Dallas, Texas 75231

Phone:
214/373-1431

June 15, 1994

RECEIVED
OLM

94 JUN 20 AM 11:27

Fax:
214/369-2790

070 FARMINGTON, NM

United States Department of the Interior
Bureau of Land Management
Farmington District Office
1235 LaPlata Highway
Farmington, New Mexico 87401
Attention: Mr. Wayne Townsend

Re: Bolack B-1
Sec 28-T27N-R11W
San Juan County, New Mexico
Lease No. MMSF-078872A

Gentlemen:

MINERAL
ADM
I & E
SOLID
FLUID
RECORD
FLUIDS
EPG
ALL
FILES

The Bolack B-1 is presently producing gas at commercial rates. The rebuilt compressor and new production equipment were installed on the lease in December, 1993. Production from the Bolack J-1 commenced in late January, 1993. The Bolack B-1 was open to the system, but was not producing. Late in April, 1994, the compressor suction pressure was dropped from 25 psig to 10 psig. With the lower pressure, the Bolack B-1 started producing gas at rates up to 30 Mcf/day. At the present time the well seems to be cleaning up and reaching stabilized flow rates.

Final integration and computation of gas volumes from the Bolack B-1 and Bolack J-1 for the month of May, 1994 are not complete at this time, but based on daily rate checks, the wells are producing at 14 to 30 Mcf/day and 90 Mcf/day, respectively

Plans for the Bolack B-1 are to leave it in a producing status to see what its stabilized rate of flow will be after the prolonged shut-in. If the rates decrease to previous levels, even with the 10 psig suction pressure, then we will consider additional stimulation of the Fruitland Sand. We will observe the well for several months to determine whether-or-not the lower suction pressure will permit the well to clean itself and increase production over previous levels.

If you have any questions concerning the status of this well, please call.

Yours very truly,

P-R-O Management, Inc.



Thomas R. Lavery

ACCEPTED FOR RECORD

NMOCO

JUN 21 1994

FARMINGTON DISTRICT OFFICE

BY 267