District I - (305) 393-6161 PO Box 1980 Hobbs, NM 88241-1980 District II - (505) 748-1283 811 S. First Artesia, NM 88210 District III - (505) 334-6178 1000 Rio Brazos Road Aztec, NM 87410 District IV

New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

Form C-140 Originated 11/1/95

> Submit Original Plus 2 Copies to appropriate District Office

APPLICATION FOR QUALIFICATION OF WELL WORKOVER PROJECT AND CERTIFICATION OF APPROVAL

THREE COPIES OF THIS APPLICATION MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

| I. | Operator: | Amoco Production Company | OGRID #: | 000778 | | | | | | |
|------|---|--|--|-------------------------|-----------------------------------|--|--|--|--|--|
| | Address: | P.O. Box 800, Denver, Colorado 802 | .01 | | | | | | | |
| | Contact Party: | Patricia J. Archuleta | | Phone: | (303) 830-5217 | | | | | |
| II. | | | North line and 1450 Feet from the East | API #: line, Section | 3004525996 n 33, Township 28N, | | | | | |
| III. | | Procedures Commenced: $\frac{2/14/5}{2/20/5}$ | | | | | | | | |
| IV. | Attach a descrip | tion of the Workover Procedures unde | rtaken to increase the projection from t | he Well. | | | | | | |
| V. | Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover. | | | | | | | | | |
| VI. | Pool(s) on which | | | | | | | | | |
| | Basin Dakota | | | JAN 2 7 1397 | | | | | | |
| VII. | AFFIDAVIT: | | @II | | ., | | | | | |
| | State of Colorad |) ss. | OU. | NOD U Tend | l. Dev. 3 | | | | | |
| | County of Denv | | | | | | | | | |
| | Patricia J. Archi | <u>leta,</u> being first duly sworn, upon oath | states: | | | | | | | |
| | Patricia J. Archuleta, being first duly sworn, upon oath states: 1. I am the Operator or authorized representative of the Operator of the above referenced Well. | | | | | | | | | |
| | 2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well. | | | | | | | | | |
| | 3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles. (Name) | | | | | | | | | |
| | | | Staff Assist | tant | | | | | | |

| SUBSCRIBED AND SWORN TO before me this 24th day of January, 1997 | | | | | | |
|--|---|---|--|--|--|--|
| | | astalas | | | | |
| | No | otary Pablic APRIL L. CASS | | | | |
| My Con | ommission expires: $\frac{8/17/97}{}$ | NOTARY PUBLIC STATE OF COLORADO | | | | |
| FOR OI | OIL CONSERVATION DIVISION USE ONLY: | | | | | |
| VIII. | CERTIFICATION OF APPROVAL: | | | | | |
| | This Application for Qualification of Well Workover Project is as a Well Workover Project pursuant to the "Natural Gas and C Sections 1 through 8). The Oil Conservation Division hereb Project attached to this application. By copy of this Applicat Secretary of the Taxation and Revenue Department of this Application of the Taxation and Revenue Department of the Application of the Taxation and Revenue Department of the Application of the Taxation and Revenue Department of the Application of the Taxation and Revenue Department of the Application of Well Workover Project is as a Well Workover Project pursuant to the "Natural Gas and C Sections 1 through 8). The Oil Conservation Division hereby Project attached to this application. By copy of this Application of the Taxation and Revenue Department of this Application. | Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, by verifies the Production Projection for the Well Workover tion and Certification of Approval, the Division notifies the | | | | |
| | | 3)- | | | | |
| | | District Supervisor, District Dil Conservation Division | | | | |
| | Date: | 2/5/97 | | | | |
| IX. | DATE OF NOTIFICATION TO THE SECRETARY OF THE T | ΓΑΧΑΤΙΟΝ AND REVENUE DEPARTMENT. | | | | |
| | DATE: | | | | | |

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

ding estimated data of starting any proposed work . If well is directionally drilled, give

RECEIVED BUREAU OF LAND MANAGEMENT BUM MAIL SUNDRY NOTICES AND REPORTS ON WELLS NM-012202 Do not use this form for proposals to drill or to deepen or reentry to a different reservoir n = nUse "APPLICATION FOR PERMIT - " for such proposals 7.16 Unit of CA, Agreement Designation 0/0 1/2000 1. Type of Weil
Oil
Well ⊠ Gee Well 8. Well Name and No. Other 2. Name of Operator Bolack B **Amoco Production Company** Patty Haefele 3. Address and Telephone No. 3004525996 (303) 830-4988 P.O. Box 800, Denver, Colorado 80201 Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Basin Dakota 11. County or Parish, State 1000' FNL 1450' FEL Sec. 33 T 28N R 8W Unit B San Juan New Mexico CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Recompletion New Construction Plugging Back Non-Routine Fracturing Subsequent Report Casing Repair Water Shut-Off Conversion to In Final Abandonment Notice Bradenhead Repair Dispose Water

Amoco Production Company has performed a bradenhead repair on this well per the following:

MIRUSU 2/14/96. CP 420 psi. TP 240 psi. Bradenhead pressure 82 psi. Tagged bottom at 6623', 9' of perfs covered. Set RBP at 2130'. Pressure tested plug with packer and tested easing to 1000 psi, held ok. Run CBL and CCL to 1250'. Cement top at 554'. Perforated at 535' with 2 JSPF, 2 total shots, .390" diameter, 4" gun, 120 deg phasing, 19.5 gms. Cement 12-535' with 100 sx Class B Halliburton lite, 12.7 ppg, and 50 sx Class B neat. Average rate 4 bpm, good circulation through job. Drill out cement 319-545', circulate hole clean. No pressure on bradenhead. Pressure test squeeze holes to 500 psi, held ok, no pressure on bradenhead. Cleanout sand on top of ret. RBP 2125-2130'. Blew water out of hole and released plug. Cleanout fill to PBTD 6623-6649'. Land tubing and ND BOP and NU WH. RDMOSU 2/20/96.

* circulated lobbl's ent. to surface

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, inclusively subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.

| 14. I hereby certify that the foregoing is true and correct Signed Patty Palelle | | Assistant Date 2/29/910 |
|--|--|-------------------------------|
| (This space for Federal or State office use) | RECEIVED | ACCEPTED FOR RECORD |
| Approved by Conditions of approval, if any: | MAR-1 1996 | MAR 0 8 1996 |
| Title 18 U.S.C. Section 1001, makes it a crime for any person know representations so to any matter within its jurisdiction. | ingly and MOMINIST PATIVE OF EACH Unit | FARMINGTON-DISTRICT-OFFICE-BY |
| | | |

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