| ાં Cofies USGS 2 co   | opies USGS fo   | or NMOCC 1 fil   | e 1 HLB 1 S   | Stephenson   | 1 Crout 9 copies  Form approved.  Budget Bureau No. 42-R1425. |  |  |  |
|---|---|--|---|--|---|--|--|--|
| Form 9-331 C<br>(May 1963)  | m 9-331 C May 19631 UNITED STATES  (Other instructions on reverse side) |  |   |  |   |  |  |  |
| .: Di   | DEPARTMENT OF THE INTERIOR  |  |   |  |   |  |  |  |
| • •   |   | SICAL SURVEY   |   |  | SF-078272  6. IF INDIAN, ALLOTTEE OR TRIDE NAME               |  |  |  |
| APPLICATION FO  | OR PERMIT T   | O DRILL, DEEP  | EN, OR PLUC   | BACK   | 2   |  |  |  |
| 1a. TIPE OF WORK  DRILL   |   | DEEPEN []  |   | васк 🗆   | 7. UNIT AGREEMENT NAME  |  |  |  |
| b. TYPE OF WELL   | ٦   |  |   | LTIPLE X   | S. FAHM OR LEASE NAME   |  |  |  |
| OIL WELL WELL WELL 2. NAME OF OPERATOR  | OTHER   |  | ONE L ZOI   | · · · · · · · · · · · · · · · · · · ·  | Dunn  |  |  |  |
| BCO, INC.   |   |  |   |  | 9. WELL NO.   |  |  |  |
| 3. ADDRESS OF GPERATOR  |   |  |   |  | 10. FIELD AND POOL, OR WILDCAT                                |  |  |  |
| 135 Grant, Santa  | Fe, New Mexiocation clearly and   | co 87501   | State requirements.)  | VED  | Lybrook Gallup & '&\'\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\         |  |  |  |
| At surface 600 FNL 6  | 60' FEL Sec.  | 3 T23N R7W   | 1199 0  | 3 - 0, -   | 11. SEC., T., R., M., OR BUR;<br>AND SURVEY OR AREA           |  |  |  |
| At proposed prod. 2008  |   |  | Friedrick (* 2000)  |  | M <sub>Sec. 3 T23N R7W</sub>                                  |  |  |  |
| Same 14. DISTANCE IN MILES AND DI   | VECTION FROM NEAR   | EST TOWN OR POST OFFI  | CE.   | VE GO VEY  | 12. COUNTY OR PARISH 13. STATE                                |  |  |  |
| Approximately 1-1   | /2 miles nor  | th of Lybrook  | -N.M:   | , N 91.  | Rio Arriba N.M.   |  |  |  |
| 13. DISTANCE FROM PROPUSED*   | /Z miles not  | 1,26.  | O. OF ACRES IN LEAS   | z 17. NO. (  | OF ACRES ASSIGNED HIS WELL                                    |  |  |  |
| LUCATION TO NEAREST   | T   | 00'  | 86 more or le   | ss   | 40  |  |  |  |
| (Also to Dearest drig. unit  18. DISTANCE FROM PROPOSED TO NEAREST WELL, DRILLING TOWNS OF ANY THE LEASE                  |   |  | PROPOSED DEPTH  | 20. HOTA   | HI ON CABLE TOOLE   |  |  |  |
| OK MILITIED YOR' O'L TIME   | to be dril  | nn #11 Well 65   | 00' Lower Gra   | neros  | Rotary  22. APPROX. DATE WORK WILL START*                     |  |  |  |
| 21. ELEVATIONS (Show whether I  | OF, RT, GR, etc.)  GR 689   |  |   |  | 5-1-82  |  |  |  |
| 23.   | I,  | ROPOSED CASING AN  | ND CEMENTING PR   | OGRAM  |   |  |  |  |
| SIZE OF HOLE  | SIZE OF CASING  | WEIGHT PER FOOT  | SETTING DEPTH   |  | QUANTITY OF CEMENT  |  |  |  |
|   | 3-5/8" New _  | 24.00#   | 290' KB   |  | sacks Class B 3% CaCl   |  |  |  |
| 14 1/7  | -1/2" New   | 11.6 # N-80  | 6500'   | 1350   | sacks See NTL-6 Item 9  |  |  |  |
| Gallup 5450, G 7. MINERAL BEARIN to the base of be found in th above will pro Graneros forma A copy of the mencing drilli | #4 & #11 all all all all all all all all all a                          | ver Graneros bu Cliffs 2100, C Craneros 635 aticipated wate mo at about 153 llup, Greenhorn water. Operato quest to comming ing commingling s on this well | t before 1st Chacra 2550, (60.  er will be end 30'. It is out and Dakota. For intends to agle these zong will be file | Dakota - Cliff Hous countered ar anticip Other fo commingle nes was he ed with a |   |  |  |  |
| preventer program, if any.  |   | ensity of the second   | President   |  | рать 3-23-82  |  |  |  |
| SIGNED HANY R   | Dylan   | TITLE _  |   |  | DATE.   |  |  |  |
| (This space for Federal o   | State office use)   | Pe Grant survey  |   | 1  | APPROVED  |  |  |  |
| TIPDA IT KA   |   | APR 1/100  | APPROVAL DATE   |  | AS AMENDED  |  |  |  |
| PERMIT NO.  |   | OIL CON CHILL  | <u>}</u>  | 1  | AS AMERICA  |  |  |  |
| APPROVED BY   |   | DIST. 3  |   |  | APR 12 1982   |  |  |  |
| CONDITIONS OF APPROVAL, II  | FANTI   |  | ,<br>   | 1  | Elles E SIMS  |  |  |  |
| مر الم  |   | - NM   | 10CC  | , 1  | DISTRICT ENGINEER   |  |  |  |

)

## STATE OF NEW MEXICO

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-78

ENERGY AND MINERALS DEPARTMENT

| BCO Inc. Dunn County   |                |  | All distances must be  | from the outer houndaries  | of the Section.                                |                | W 11 11 a                |  |
|--|----------------|--|--|--|--|----------------|--------------------------|--|
| BECO Inc.    Dumn   Dum | Operator       |  | •  | 1  | _  |                |                          |  |
| Activate Prince Leaves 1 at 12 North   |                |  |  | _1   |  |                | 10                       |  |
| Actual Fastage Lorentian of Well:  600 test tree the North the and 660 test team the East the Color of Committee of Commit | Unit Letter    |  | · ·  | i ·  | · ·  | iba            |                          |  |
| Sood Frest teach to North Interest 500 test teach to 253 line    Pool Lybrook Gallup (includes) Code of the Callup (includes)  |                | 1  | 25 NOT TR  | / wesi   |  |                |                          |  |
| The first her wind has been accounted been been been been been been been be  |                |  | North .  | 660  | feet from the                                  | East           | line                     |  |
| Gallup, Greenhorn & Granerog Greenhorn) & Undesignated Granerés 40 Acres  1. Optifine the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.  2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?  Yes No If answer is "yes," type of consolidation  If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).  No allowable will be assaigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, climinating such interests, has been approved by the Division.  CERTIFICATION  1 hereby certify that the information contained have in true and complete to the set of my incarding on addicted.  Company  Riscontinuation of the information contained have in true and complete to the set of my incarding on addicted.  Riscontinuation of the information contained have in the information contained have in the unit of the information contained have in the |                |  | Time with  |  |  | es Dedice      | ated Acreage:            |  |
| 1. Optline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.  2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?    Yes  |                | Gallup Gr  | reenhorn &Granero  |  |  |                | 40 Acres                 |  |
| interest and royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?  Yes No If answer is "yes," type of consolidation  If naswer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, climinating such interests, has been approved by the Division.  CERTIFICATION  1 hereby certify that the Information command therein is now and complete to the best of purished therein is now and complete to the best of purished therein is now and complete to the best of purished the company BCO, Inc.  Date  3-23-82  Sec. 3  Sec. 3  Language R. B. Sec.  August R. Bigbee  Position  Proceedion  Procedion  Answer R. Bigbee  Position  Procedion  Answer R. Bigbee  | 1. Outline th  | ne acreage dedica  | ated to the subject v  | vell by colored penc   | il or hachure mar                              | ks on the plat | below.                   |  |
| Yes   No   If answer is "yes," type of consolidation   | interest a     | nd royalty).   |  |  |  |                |                          |  |
| H answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.  CERTIFICATION  1 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Harry R. Bigbee  Position  President  Company  BCO, Inc.  Date  3-23-82  1 head of the first own first first in the contained first first own first first in the contained first first own first first o | 3. If more the | an one lease of communitization,   | different ownership is<br>unitization, force-poo   | dedicated to the wo  | ell, have the inter                            | ests of all o  | wners been consoli-      |  |
| this form if necessary.)  No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.  CERTIFICATION  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Manual R. Bigbee  Position  President  Company  BCO, Inc.  Date  3-23-82  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Manual R. Bigbee  Position  President  Company  BCO, Inc.  Date  3-23-82  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Manual R. Bigbee  Position  President  Company  BCO, Inc.  Date  3-23-82  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Manual R. Bigbee  Position  President  Company  BCO, Inc.  Date  3-23-82  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Manual R. Bigbee  Position  President  Company  BCO, Inc.  Date  3-23-82  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Manual R. Bigbee  Position  President  Company  BCO, Inc.  Date  3-23-82  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Manual R. Bigbee  Position  President  Company  BCO, Inc.  Date  3-23-82  | Yes            | □ No If a  | answer is "yes," type  | of consolidation   |  |                |                          |  |
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| Sec. 3  CERTIFICATION  CERTIFICATION  I hereby certify that the information contained herein is two and complete to the best of my knowledge and belief.  Many R. Bigbee  Position  President  Company  BCO, Inc.  Date  3-23-82  I hereby certify that the information contained herein is two and complete to the best of my knowledge and belief.  Many R. Bigbee  Position  President  Company  BCO, Inc.  Date  3-23-82  I hereby certify that the information contained herein is two and complete to the best of my knowledge and belief.  Many B. Bigbee  Position  President  Company  All Riscontained in the second of the seco | al ! - f :     | if necessary)  |  |  |  |                |                          |  |
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| Sec. 3  I hereby certify that the information contained berein is true and complete to the best of my knowledge and belief.  Marcy R. Bigbee  Position President  Company BCO, Inc.  Date 3-23-82  Sec. 3  Sec. 4  Sec. 5  Date 1 head of the property of the  | forced-poo     | oling, or otherwise  | or until a non-standa  | ard unit, eliminating  | such interests, h                              | as been appro  | oved by the Division.    |  |
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| sec. 3  toined herein is true and complete to the best of my knowledge and belief.  Name N. B. Marry R. Bigbee  Position  President  Company  BCO, Inc.  Date  3-23-82  Sec. 3  Sec. 3  The state of my knowledge and belief.  Name N. B. Marry R. Bigbee  Position  President  Company  BCO, Inc.  Date  3-23-82  The state of my knowledge and belief.  All the state of my large of my married and field not and fire the state of my large of my l |                | 1  |  | il 6   | 500'   | _              |                          |  |
| Sec. 3  Best of my knowledge and belief.  Many R. Bigbee Position President Company BCO, Inc. Date 3-23-82  I heart of my knowledge and belief.  RISE I heart of my knowledge and belief.  RISE I heart of my knowledge and belief.  Both of the most of the my knowledge and belief.  Date Surveyed December 23, 1981 Registered Professional Engineer and/or Land Surveyor  Cripticale No. 39/9 Edgar L. Risenhoover, L.S.   | · ·            | . [  |  | 1  | <b>A</b> 111                                   |                |                          |  |
| Sec. 3  Sec. 4  Sec. 4 | -              | 1  |  | i†   |  |                |                          |  |
| Harry R. Bigbee Position President Company BCO, Inc. Date 3-23-82  Sec. 3  I heavy Company I have been a second of the first of the second of  |                | 1  |  | !!   | `  |                | nebye and better         |  |
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| Date Surveyed  December 23, 1981  Registered Professional Engineer and/or Land Surveyor  Edgar L. Risenhoover, L.S.  |                | i  |  | [  |  | 3-23-82        |                          |  |
| Date Surveyed  December 23, 1981  Registered Professional Engineer and/or Land Surveyor  Edgar L. Risenhoover, L.S.  |                |  | Sec. 3   |  |  | JUIM           | Rise                     |  |
| Date Surveyed  December 23, 1981  Registered Professional Engineer and/or Land Surveyor  Edgar L. Risenhoover, L.S.  |                | . 1  |  | i  |  | IIII AR        | in the College on        |  |
| Date Surveyed  December 23, 1981  Registered Professional Engineer and/or Land Surveyor  Edga L. Risenhoover  Certificate No. 5979  Edgar L. Risenhoover, L.S.   | :              | 1  |  |  | . [  | here Day       | A IME In a Constinuity   |  |
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| Date Surveyed  December 23, 1981  Registered Professional Engineer and/or Land Surveyor  Edgar L. Risenhoover, L.S.  |                |  | RE   | CENT   |  | Is the space   | rect to the best of my   |  |
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| Date Surveyed  December 23, 1981  Registered Professional Engineer and/or Land Surveyor  Edgar L. Risenhoover, L.S.  | L              | <del>                                </del>  |  | 4-4  | +  | 1/18/11        | ANJ Gap.                 |  |
| December 23, 1981  Registered Professional Engineer and/or Land Surveyor  Edga L. Risenhoover  Certificate No. 5979  Edgar L. Risenhoover, L.S.  |                |  | <u>}</u>   | in the Cold V  |  |                |                          |  |
| Registered Professional Engineer and/or Land Surveyor  Edge L. Risenhoove  Certificate No. 5979  Edgar L. Risenhoover, L.S.  | 5              | r<br>F   |  | A server  | D  | -              | 07 1001                  |  |
| and/or Land Surveyor  Edge L. Risenhoover  Certificate No. 5979  Edgar L. Risenhoover, L.S.  |                | 1  | ·  | 1  | »   <u>                                   </u> |                |                          |  |
| Ceruficate No. 5979  Edgar L. Risenhoover, L.S.  |                | The Line of the Control of the Contr |  | Anna Park  | I 1 '  | •              |                          |  |
| Ceruficate No. 5979  Edgar L. Risenhoover, L.S.  | ·              | · • •  |  | Į,   |  |                | 0.4                      |  |
| Edgar L. Risenhoover, L.S.   |                | 1  |  | 1  |  |                | Buchoover                |  |
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Proposed Locations

Note: This well is part of a three well development program in the NE/4 of Sec. 3 T24N R7W all of which are on Federal Lease #SF-078272. All of the proposed locations are shown above.