| production<br>Blowout<br>BOP (or<br>8 5/8" c<br>working<br>(schemat | equivalent) with<br>asing. All fill<br>pressure. The r<br>ic drawing enclo   | rams will be clo<br>osed)<br>F PROPOSAL IS TO DEEPEN<br>mplete to the best of my b            | e lines will be<br>sed daily and c<br>Af<br>or PLUG BACK, GIVE DATA C<br>supwiedge and belief.<br>cal Engineer | a minimu<br>hecked fo<br>PROVAL V/<br>PERMIT EX;<br>UNLESS D | m of 2"<br>r proper<br>ALID FOR<br>HRES<br>RILLING L  | ed on they of the 2000psi operation. ('                                    |
|---|--|---|--|--|---|--|
| production<br>Blowout<br>BOP (or<br>8 5/8" c<br>working<br>(schemat | equivalent) with<br>asing. All fill<br>pressure. The r<br>ic drawing enclo<br>PROPOSED PROGRAM: I<br>NTEM PROSMAM, IF ANY. | rams will be clo<br>osed)<br>F PROPOSAL IS TO DEEPEN<br>mplete to the best of my b<br>Geologi | e lines will be<br>sed daily and c<br>A<br>or PLUG BACK, GIVE DATA C<br>supwiedge and belief.                  | a minimu<br>hecked fo<br>PROVAL V<br>PERMIT EX<br>UNLESS D   | m of 2"<br>r proper<br>ALID FOR<br>HRES<br>RILLING L  | ed on they of the<br>2000psi<br>operation. (<br>/ EC DAYS<br>              |
| producti<br>Blowout<br>BOP (or<br>8 5/8" c<br>working<br>(schemat   | equivalent) with<br>asing. All fill<br>pressure. The r<br>ic drawing enclo   | rams will be clo<br>osed)<br>F PROPOSAL 15 TO DEEPEN  | e lines will be<br>sed daily and c<br>A  | a minimu<br>hecked fo<br>PROVAL V<br>PERMIT EX<br>UNLESS D   | m of 2"<br>r proper<br>ALID FOR<br>HRES<br>RILLING L  | ed on they of the<br>2000psi<br>operation. (<br>/ EC DAYS<br>              |
| production<br>Blowout<br>BOP (or<br>8 5/8" c<br>working<br>(schemat | equivalent) with<br>asing. All fill<br>pressure. The r<br>ic drawing enclo   | rams will be clo<br>osed)   | e lines will be<br>sed daily and c<br>A  | a minimu<br>hecked fo<br>PROVAL V<br>PERMIT EX<br>UNLESS D   | m of 2"<br>r proper<br>ALID FOR<br>PIRES<br>RILLING L | ed on they of the 2000psi operation. ('<br>/ 80 DAYS<br>- 1-2-3<br>NDERWAY |
| producti<br>Blowout<br>BOP (or<br>8 5/8" c<br>working               | equivalent) with<br>asing. All fill<br>pressure. The r   | rams will be clo  | e lines will be<br>sed daily and c<br>A  | a minimu<br>hecked fo<br>PPROVAL V/<br>PERMITEX              | m of 2"<br>r proper<br>ALID FOR<br>PIRES              | ed on they of the 2000psi operation. ('                                    |
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| producti<br>Blowout<br>BOP (or<br>8 5/8" c                          | equivalent) with<br>asing All fill   | l, kill and chok<br>rams will be clo  | e lines will be  | a minimu   | m of 2"   | 2000psi  |
| producti<br>Blowout<br>BOP (or                                      | equivalent) with   |   |  |  | 1115 0011   | ea on the V v v v  |
| producti  | Prevention Progr   | ram: An 8" 3000<br>h drill pipe ram   | is and blind ram   | e gate hy<br>s will be                                       | draulic<br>install                                    |  |
| run and   |  |   |  |  |   | x.d. n.t   |
| run a DL  | ter zones. Afte<br>L-MSFL and a CNL  | -FDC log. If c  | ommercial, 4 1/2   | 2" produc <sup>.</sup>                                       | tion cas  | ing will be N S A  |
| 12 1/4"   | hole to 900' and   | 1 set 8 5/8" cas  | ing with cement  | circulate  | ed to sh  | ut off all   |
|   | l<br>se to drill thro  | l   | 1 mation to a don:   | 1<br>th of 3201  |   | will drill   |
| 7 7/8"  | 4 1/2"   | 10.5#   | 3800'  | 450 s  | sks   | 1900'  |
| SIZE OF HOLE<br>12 1/4"   | size of casing<br><u>8 5/8"</u><br>4 1/2"  | WEIGHT PER FOOT   | 900 '  | 550 9  | sks   | Circulate  |
| · ·   |  | PROPOSED CASING AND   |  | SACKS OF   |   | EST. TOP   |
| 4019' GL  |  | Well - \$5000   | Young  |  | 12-3  | 0-82   |
|   |  | d & Stortus Flug, Boult 1   | (18. Indian Centrestor   | MUTICally  |   | . Date Work will start   |
|   |  |   | 16. Propose : Lepth<br>3800 '  | 15A. Fernation   |   | 20. Retury or C.T.<br>Rotary   |
|   |  |   |  |  | <u>IIII</u>   |  |
|   |  |   |  | <u>IIII</u>  | 12. County<br>Chaves                                  |  |
| 1650 FEET FRO   |  |   | TWP. 85 RGE. 22  | k  |   |  |
|   | 2148, Santa Fe,  |   |  | LINE   | <del>11%</del><br>7777777                             | teat 11 1 10 100   |
| Altreas of Operator   | lvain Oil & Gas  |   | 1  |  |   | 1<br>d Pool, or Wildest  |
| Sit SAS   |  |   | 2046 LA.1  | ZONE LJ  | 9, Well No.   |  |
| DRILL   | _  | DEEPEN  |  |  | 8. Farm or L  | euse Name<br>anch St. <del>Unit</del>                                      |
| «. Type of Work   |  |   |  |  | 7. Unit Agre  | ement Name   |
|   | ON FOR PERMIT TO   | D DRILL, DEEPEN,  | OR PLUG 246 GKIA   |  |   |  |
|   | 2  |   | DEC 2  | 7/10-2   | LG 8  |  |
| U.S.G.S.  | SA<br>SA   | NTA FE, NEW M   |  |  | STATE   |  |
|   |  | 0.0.007.2   | ON DIVISION  |  | Revised 10-   | 1-78<br>Type of Loose  |
| F ILE.<br>U.S.G.S.  |  |   |  |  | .30 -<br>Form C-101                                   |  |

|                                    |   | Ali disiances must be  | Lease                          |            |   | Well No.   |
|------------------------------------|---|--|--------------------------------|------------|---|--|
| T.H. McElv                         | ain Oil &                                 | Gas Properties   | Corn Ran                       |            |   |  |
| Unit Letter Sec                    | 110n<br>29                                | Township<br>85   | Range 22E                      | . Cou      | Chaves  |  |
| Actual Footage Location<br>1650 (e | of Well:<br>et from the SC                | outh line and  | 1650                           | feet from  |   | line   |
| Ground Level Elev.                 | Producing Fo                              | rmation  | Pool Wildcat                   | 11.0       |   | dicated Acreage:   |
| 4019                               | Abo                                       | ated to the subject w  |                                |            |   |  |
| interest and r                     | oyalty).<br>ne lease of o<br>unitization, | dedicated to the we<br>lifferent ownership is<br>unitization, force-pool                           | dedicated to the<br>ling. etc? | well, have | the interests of al   | l owners been conso  |
| this form if ne                    | no,' list the                             | owners and tract des<br>owners and tract des<br>hed to the well until a<br>) or until a non-standa | criptions which h              | ave actual | ly been consolidate<br>olidated (by commu   | d. (Use reverse side<br>   |
|                                    |   |  |                                |            | I hereby cert<br>tailed hereir  | ify that the information ca<br>is true and complete to a<br>nowledge and belief. |
|                                    |   |  |                                |            | Position<br>Geologic<br>Company<br>T. H. McE<br>Date                                | Broome<br>al Engineer<br>Ivain Oil & Gas<br>23, 1982                             |
|                                    |   |  |                                | 1650'      | shown on the<br>notes of ac-<br>under my su<br>is true and<br>knowledge a<br>Decemi | ber 17, 1982   |
| •                                  | <br>                                      |  | 1650'                          |            |   | . Mann, PE & LS  |



Blowout Preventor: An 8" 3000 psig W.P. double gate hydraulic Shaffer BOP (or equivalent) with drill pipe rams and blind rams. All fill, kill, and choke lines will be minimum of 2" 2000 psi working pressure. The rams will be closed daily and checked for proper operation.

· · ·



## NEW MEXICO STATE LAND OFFICE

RECEIVED

IMPROVEMENT DAMAGE BOND FOR OIL & GAS LEASE (ONE LEASE BOND) DEC 27 1982

O. C. D. ARTESIA, OFFICE

BOND NO. BNC190 29 78 (For Use of Surety Company)

BOND NO.\_\_\_\_\_\_(For Land Office Use)

State of <u>New Mexico</u>, and authorized to do business in the State of New Mexico), as PRINCIPAL, The Fidelity & Casualty Company of New York

and The Fidelity & Casualty Company of New York, a corporation organized and existing under the laws

of the State of <u>New York</u>, and authorized to do business in the State of New Mexico with duly appointed resident agent licensed in the State of New Mexico to execute this bond on behalf of the surety company, as SURETY, are held firmly bound unto the State of New Mexico, for the use and benefit of lessees holding grazing or agricultural leases on state trust lands and for the use and benefit of purchase holding purchase contract or deed to state lands, with minerals reserved, their grantees or successors in interest, pursuant to Section 7-11-20, New Mexico Statutes Annotated, 1953 Compilation, as amended, in the sum of Ten Thousand Dollars (\$10,000.00) lawful money of the United States, for the payment of which, well and truly to be made, said PRINCIPAL AND SURETY hereby bind themselves, their successors and assigns, jointly and severally, firmly by these presents.

The conditions of this obligation are such that:

WHEREAS, the above principal has heretofore or may hereafter enter into an oil and gas lease with the State of New Mexico; and

WHEREAS, said lease was entered into by the said principal, subject to the requirements of the provisions of Section 7-11-20, New Mexico Statutes Annotated, 1953 Compilation, as amended; and

WHEREAS, all or part of the lands embraced in said oil and gas lease have been leased for grazing or agricultural purposes or have been sold, with minerals reserved to the State of New Mexico, to various purchasers who hold limited patents from the State of New Mexico or State purchase contracts; and

WHEREAS, the above principal, individually, or in association with one or more parties, has commenced or may commence development or operations upon the land embraced in the aforesaid oil and gas lease.

NOW, THEREFORE, if the above bounden principal and surety or either of them or their successors or assigns, or any of them, upon demand shall make good and sufficient recompense, satisfaction or payment unto the holders of State grazing or agriculture lease of on State purchase contracts or holders of patents for State lands, with minerals reserved to the State, their hairs, executors, administrators, successors and assigns, for all damages to the livestock, range, water, crops, or tangible improvements on such lands as may be suffered by such purchasers or their successors in interest, by reason of such development, use of occupancy of such lands by such lessee or principal, or for such damages as a court of competent jurisdiction may determine and fix in any action brought on this bond.

THEN, THEREFORE, this obligation shall be null and void; otherwise and in default of complete compliance with any and all of said obligations, the same shall remain in full force and effect.

| SIGNED       | AND SEALED this <u>14th</u>  | day_of                 | December                             | , 19_82                      | •              |
|--------------|--|------------------------|--------------------------------------|------------------------------|----------------|
| <u> </u>     | H, McElvain Oil & Gas Prope<br>PRINCIPAL   | rties                  |                                      | CASUALTY COMPANY (<br>SURETY |                |
| <u>P.O.</u>  | Box 2148, Santa Fe, NM 8750  | 1                      | P.U.BOX 10004, 52                    | n Antonio, Texas             | /3210          |
| By           | All Charles and the second sec |                        | - to to                              | Address                      | )              |
| 8YLACT       | In Signeture   |                        | BY Atto                              | ney-In-Fact                  |                |
| By <u>Ca</u> | herinem, Harvey  | ·····                  | – 🔶 Lois R. Lun                      | ids chen                     |                |
|              | Co-Owners J  | ****************       | -                                    |                              |                |
| (Note:       | Principal, if corporation affix corporate seal here)   |                        | (Note: Corporate suret<br>seal here) | y affix corporate            |                |
| (Note:       | If corporate surety executes this bo<br>shall countersign here below)  | nd by an At <b>t</b> o | orney-in-Fact not in New             | Mexico, the resident New     | / Mexico agent |
|              |  |                        |                                      |                              |                |
| Counter      | signed by:   |                        |                                      |                              |                |
| Counter      |  |                        |                                      | Address                      |                |
| Counter      |  |                        | <u></u>                              | Address                      |                |
| Counter      |  |                        |                                      | Address                      |                |
| Counter      | New Mexico Resident Agent  |                        | TO ON DEVEDEE SIDE                   | Address                      |                |
| Counter      | New Mexico Resident Agent  | CKNOWLEDGMENT          | TS ON REVERSE SIDE)                  | Address                      |                |
| Counter      | New Mexico Resident Agent  | CKNOWLEDGMEN           | TS ON REVERSE SIDE)                  | Address                      |                |
| - Counter    | New Mexico Resident Agent  | CKNOWLEDGMENT          | TS ON REVERSE SIDE)                  | Address                      |                |
|              | New Mexico Resident Agent  | CKNOWLEDGMEN           | S ON REVERSE SIDE)                   | Address                      |                |
| Counter      | New Mexico Resident Agent  | CKNOWLEDGMEN           | S ON REVERSE SIDE)                   | Address                      |                |

|   | соживерсее.  |
|---|--|
|   | New Mexico State Land Office Building, Santa Fe, New<br>Mexico 87501, pefore development or operations are   |
| COMMISSIONER OF PUBLIC LANDS  | -<br>ΤΕ: File with Commissioner of Public Lands, P. 0. Box 1148,   |
|   |  |
| ·61 '   | PO Yeb   |
|   |  |
| June R. Shelle  |  |
| 2000 D. J. nest   |  |
| the day and year in this certificate stirt above written  | IN WITNESS WHEREOF, I have hereunto set my hand and seal on  |
| na deed of said corporation.  | בכבסים) מעם מכמטמאובתהבת גמות עוצרותשפער רם מק בעק 196 901 91  |
| r of said corporation by authority of its board of  | n rust rus paires due daubis sem Juawnijsui buiobaio i aus se  |
| ersonally known, who, being by me duly sworn, did say   |  |
|   |  |
| , 19 <u>82</u> , before me appeared   | On this 20 day of December   |
|   |  |
|   | Sexar Sexar Sexar  |
| YTJANOAA  | NOR ROR FORM FOR COL<br>SAX TE OF SAX  |
|   | ee (   |
|   | ee (   |
| Hotery Public   | ACKNOWLEDGMENT FORM FOR COI  |
| ind deed of said corporation.<br>I the day and year in this cartificate first above writter<br>Notery Public  | PECTOPS, and acknowledged said instrument to be the free act an<br>IN WITNESS WHEREDF, I have hereunto set my hand and seal on<br>My Commission Expires<br>ATE OF TEXES<br>ATE OF TEXES<br>ATE OF TEXES  |
| ind deed of said corporation.<br>I the day and year in this cartificate first above writter<br>Notery Public  | A that the foregoing instrument was signed and sealed on behall<br>rectors, and acknowledged seld instrument to be the free act a<br>IN WITNESS WHEREDF, I have hereunto set my hand and seal on<br>My Commission Expires<br>ATE OF TEXES<br>ATE OF TEXES<br>ATE OF TEXES<br>POLYNY STUDEN<br>Sealed on behalf<br>ATE OF TEXES<br>POLYNY STUDEN<br>Sealed on behalf<br>ATE OF TEXES<br>Sealed on behalf<br>ATE OF TEXES<br>ATE OF TEXES<br>A |
| of<br>f of said corporation by authority of its board of<br>and deed of said corporation.<br>It the day and year in this certificate first above writter<br>Notery Public   | Id that the foregoing instrument was signed and sealed on behall<br>rectors, and acknowledged said instrument to be the free act a<br>IN WITNESS WHEREDF, I have hereunto set my hand and seal on<br>My Commission Expires<br>ATE OF TEXES<br>ATE OF TEXES<br>POYAN  |
| , to me personally known who, being by me duly<br>f of<br>f of said corporation by authority of its board of<br>ind deed of said corporation,<br>Motary Public<br>Notary Public   | Norn, did say that he is<br>id that the foregoing instrument was signed and sealed on behal<br>rectors, and acknowledged said instrument to be the free act an<br>IN WITNESS WHEREOF, I have hereunto set my hand and seal on<br>My Commission Expires<br>ATE OF TEXES<br>ATE OF TEXES<br>ATE OF TEXES<br>ATE OF TEXES   |
| of<br>f of said corporation by authority of its board of<br>and deed of said corporation.<br>It the day and year in this certificate first above writter<br>Notery Public   | On this  |
| , to me personally known who, being by me duly<br>f of<br>f of said corporation by authority of its board of<br>ind deed of said corporation,<br>Motary Public<br>Notary Public   | 355       355         On this  |
| <ul> <li>. 19</li></ul>   | NTE OF       55         Ountry OF       55         On this   |
| <ul> <li>. 19</li></ul>   | NTE OF       55         Ountry OF       55         On this   |
| <ul> <li>. 19</li></ul>   | Durty OF   |
| <ul> <li>. 19</li></ul>   | My Commission Expires       My Commission Expires         ATE OF       AcknowLepGHENT FORM FOR         NUNTY OF       55         On this       day of         On this       day of         On this       day of         In this the foregoing instrument was signed and sealed on behall         In this the foregoing instrument was signed and sealed on behall         In WITWESS WHEREOF, I have hereunto set my hand and seal on         IN WITWESS WHEREOF, I have hereunto set my hand and seal on         IN WITWESS WHEREOF, I have hereunto set my hand and seal on         IN WITWESS WHEREOF, I have hereunto set my hand and seal on         IN WITWESS WHEREOF, I have hereunto set my hand and seal on         IN WITWESS WHEREOF, I have hereunto         IN WITWESS WHEREOF         IN WITWESS   |
| ر درمهومهتان<br>المعامل المعامل المعامل<br>مامل المعامل المعام  | BARBARA B. SWEENEY         NOTAKY PUBLIC - STATE OF NEW MEXICC         My Commission Expires         My Commission Expires         Ante of commission Expires         Anter of commission Expires  |
| ر درمهومهتان<br>المعامل المعامل المعامل<br>مامل المعامل المعام  | My Commission Expires       My Commission Expires       My Commission Expires         Interest       My Commission Expires       My Commission Expires  |
| Mamma B. Mamma P. Mamma<br>Notery Public<br>19  | HY CommOTHCEML CSEAL         BARBARA B. SWEENEY         NOTARY PUBLIC - STATE OF NEW MEXICC         MY CommIssion Expires  |
| the day and year in this certificate first above writter<br><i>Maximum Maximum</i><br>is conformed by authority of its board of<br><i>f</i> of said corporation by authority of its board of<br><i>of</i><br><i>of</i><br><i>of</i><br><i>ind deed of said corporation.</i><br><i>Notary Public</i>   | IN VITNESS WHEREOF, I have hereunto set my hand and seal on<br>BARBARA B. SWEENEY<br>MY Commission Expires<br>MY Commission Expires<br>On this<br>MY Commission Expires<br>MY Commission Expires<br>M   |
| is the same as his (their) froe act and deed.<br>The day and year in this certificate first above writter<br>MMMMM B. MMMMM<br>Hotary Public<br>19  | IN WITNESS WHEREOF, I have hereunto set my hand and seal on<br>IN WITNESS WHEREOF, I have hereunto set my hand and seal on<br>BARBARA B. SWEENEY<br>MY Commission Expires<br>MY Commission Expires<br>Norn, did say that he is<br>Norn, did sa   |
| Der ince Maryey(s) described in and who executed<br>bod the same as his (their) free act and deed.<br>If the day and year in this certificate first above writter<br>bod the day and year in this certificate first above writter<br>bod deed of said corporation by authority of its board of<br>of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation by authority of its board of of said corporation by authority of said corporation by aut   | MCET VAIN, Jr., CAthorine B, MCET VAIN, So media         T. HMCET VAIN, Jr., CAthorine B, MCET VAIN, Secure         The foregoing instrument and acknowledged that he (they) execure         IN WITNESS WHEREOF, I have hereunto set my hand and seal on         IN WITNESS WHEREOF, I have hereunto set my hand and seal on         MY CommOntation Expires         MY CommOntation Expires         MY Commission Expires         MY Commission Expires         My Commission Expires         My Commission Expires         Matter for edged said instrument was signed and sealed on behal         IN WITNESS WHEREOF, I have hereunto set my hand and seal on         IN WITNESS WHEREOF, I have hereunto set my hand and seal on         In WITNESS WHEREOF, I have hereunto set my hand and seal on         In WITNESS WHEREOF, I have hereunto set my hand and seal on         In WITNESS WHEREOF, I have hereunto set my hand and seal on         In WITNESS WHEREOF, I have hereunto set my hand and seal on         In WITNESS WHEREOF, I have hereunto set my hand and seal on         In WITNESS WHEREOF, I have hereunto set my hand and seal on         In WITNESS WHEREOF, I have hereunto set my hand and seal on         In WITNESS WHEREOF, I have hereunto set my hand and seal on         IN WITNESS WHEREOF, I have hereunto set my hand and seal on         IN WITNESS WHEREOF, I have hereunto set my hand and seal on   |
| Der tine Re the Parkey(s) described in and who executed<br>ad the same as his (their) froe act and deed.<br>It is the same as his (their) froe act and deed.<br>Maximum deed year in this certificate first above writter<br>. 19 . before me personally appeared<br>. 19 . before me personally appeared<br>. to f said corporation by authority of its board of<br>. of said corporation.<br>. the day and year in this certificate first above writter<br>. the day and year in this certificate first above writter<br>. before me personally known who, being by me duly<br>. before me personally known who, being by me duly<br>. before me personally appeared<br>. before me personally appe | On this 14th day of December<br>I. H. McElvain, Jur. Catherine B. McElvain & Gath<br>is foregoing instrument and acknowledged that he (they) execute<br>IN WITWESS WHEREOF, I have hereunto set my hand and seal on<br>My Commission Expires V. J. P. W. Mexicon<br>My Commission Expires V. J. Move hereunto<br>My Commission Expires V. J.   |
| Der ince Maryey(s) described in and who executed<br>bod the same as his (their) free act and deed.<br>If the day and year in this certificate first above writter<br>bod the day and year in this certificate first above writter<br>bod deed of said corporation by authority of its board of<br>of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation by authority of its board of<br>of said corporation.<br>If of said corporation by authority of its board of<br>of said corporation by authority of its board of of said corporation by authority of said corporation by aut   | 51       53 <td< td=""></td<>  |
| <ul> <li><sup>19</sup> <sup>82</sup> . before me personally appeared high vertices in this certificate first above writter and who executed high vertices in this certificate first above writter abov</li></ul>  | ARTE OF       New Mexico       55         DUNTY OF       Santa Fe       55         On this       Idth       Jay of         In WCEJVain, Jr., Catherine B, MCEJVain, G (dth         In Withess WHEREOF, I have hereunto set my hand and seal on         IN VormOTIGORM. FORM. For Mercente         My Commission Expires         My Expires      <  |
| <ul> <li><sup>19</sup> <sup>82</sup> . before me personally appeared high vertices in this certificate first above writter and who executed high vertices in this certificate first above writter abov</li></ul>  | 51       53       53       53       53       54       54       55       54       54       54       54       56       54       56 <td< td=""></td<>  |
| <ul> <li><sup>19</sup> <sup>82</sup> . before me personally appeared high vertices in this certificate first above writter and who executed high vertices in this certificate first above writter abov</li></ul>  | ARTE OF       New Mexico       55         DUNTY OF       Santa Fe       55         On this       Idth       Jay of         In WCEJVain, Jr., Catherine B, MCEJVain, G (dth         In Withess WHEREOF, I have hereunto set my hand and seal on         IN VormOTIGORM. FORM. For Mercente         My Commission Expires         My Expires      <  |

## The Fidelity and Casualty Company c. New York RECEIVED

80 Maiden Lane, New York, New York 10038

### GENERAL POWER OF ATTORNEY

DEC 27 1982

Know all men by these Presents, That THE FIDELITY AND CASUAL COMPONY

OF NEW YORK has made, constituted and appointed, and by these presents does make, constitute, and appointed. OFFICE

Lois R. Lundschen of San Antonio, Texas

its true and lawful attorney for it and in its name, place, and stead to execute on behalf of the said Company, as surety, bonds, undertakings and contracts of suretyship to be given to

all obligees

provided that no bond or undertaking or contract of suretyship executed under this authority shall exceed in amount the sum of One Million (\$1,000,000.) Dollars.

This Power of Attorney is granted and is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company at a meeting duly called and held on the 1st day of November, 1977:

"RESOLVED, that the Chairman of the Board, the Vice Chairman of the Board, the President, an Executive Vice President or a Senior Vice President or a Vice President of the Company, be, and that each or any of them is, authorized to execute Powers of Attorney qualifying the attorney named in the given Power of Attorney to execute in behalf of the Company, bends, undertakings and all contracts of suretyship, and that an Assistant Vice President, a Secretary or an Assistant Secretary be and that each or any of them hereby is, authorized to attest the execution of any such Power of Attorney, and to attact thereto the seal of the Company.

FURTHER RESOLVED that the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company when so affixed and in the future with respect to any bond, undertaking or contract of suretyship to which it is attach-

In Witness Whereof, THE FIDELITY AND CASUALTY COMPANY OF NEW YORK has caused its official seal to be hereunto affixed, and these presents to be signed by one of its Vice Presidents and attested by one of its Assistant Vice Presidents this 3rd day of January, 1978. THE FIDELITY AND CASUALTY COMPANY OF NEW YORK

Attest in

Morris L. Ford, Assistant Vice-President



# STATE OF NEW YORK.

On this 3rd day of January, 1978, before me personally came R. K. Ruesch, to me known, who being by me duly sworn, did depose and say that he resides in New Providence, in the County of Union, State of New Jersey, at 35 Alden Road; that he is a Vice-President of THE FIDELITY AND CASUALTY COMPANY OF NEW YORK, the corporation described in and which executed the above instrument; that he knows the seal of the said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation and that he signed his name thereto by like order.



ETHEL TARANTO

NOTARY PUBLIC, State of New York No. 24-4663117 Qual. in Kings County Commission Expires March 30, 1980

i, the undersigned, as Assistant Secretary of THE FIDELITY AND CASUALTY COMPANY OF NEW YORK, a New Hampshire corporation, DO HEREBY CERTIFY that the foregoing and attached Power of Attorney remains in full force and has not been revoked; and furthermore that the Resolution of the Board of Directors, set forth in the said Power of Attorney, is now in force.

| Signed and sealed at the City of New York. Dated the 14 | t day of Dec 19 82                 |
|---|------------------------------------|
| Sur Comp  | James M. Keane                     |
|   | James M Keane. Assistant Secretary |
| 8   |                                    |

| :<br>;       | STATE OF NEW MEXICO   | Form O & G B-1<br>Adopted 6-17-77<br><b>RECEIVED</b>                           |
|--------------|---|--|
|              | ONE-WELL PLUGGING BOND  | DEC 27 1982  |
|              | FOR CHAVES, EDDY, LEA, MCKINLEY, RIO ARRIBA, ROOSEVELT,<br>SANDOVAL, AND SAN JUAN COUNTIES ONLY   | O. C. D.<br>ARTESIA, OFFICE  |
| 1            | BONDING   | ) BND 190 29 79<br>For Event Survey Company (                                  |
|              | AMOUN   | TOFBOND \$5000.00  |
| 1941<br>1941 | COUNTY  | <u>Chayeş</u>  |
| NOTE         | For wells less than 5,000 free deep, the minimum bond is \$5,000,00*<br>For wells 5,000 bet to 10,000 leet deep, the minimum bond is \$7,500,000<br>For wells more than 10,000 feet deep, the minimum bond is \$10,000 00   |  |
|              | <sup>3</sup> Und Commission conditions, a well being drilled onder a \$5,000.00 or \$7,500.00 for flass by perimeterind contents on the second | n da na anna ann ann <b>maximun</b><br>An ann an Anna Anna Anna Anna Anna Anna |

- File with Oil Conservation Commission, P. O. Box 2088, Santa Fe. 87501

#### KNOW ALL MEN BY THESE PRESENTS:

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| (a x x x x x x x x x x x x x x x x x x x  |
| Santa Fe  |
| in the State of New Mexico), as PRINCIPAL, and The Flue Flue Flue Flue Flue Flue Flue Flu   |
| corporation organized and existing under the laws of the State of <u>New York</u>   |
| and authorized to do business in the State of New Mexico, as SURETY, are held firmly bound unto the State of New  |
| Mexico, for the use and benefit of the Oil Conservation Commission of New Mexico pursuant to Section 65-3-11, New Mexico Statutes Annotated, 1953 Compilation, as amended, in the sum of FIVE THOUSAND (\$5000.00)  |
| Mexico Statutes Annotated, 1953 Compilation, as amended, in the sum of FIVE THOUSAND (\$5000.00)  |
| Dollars lawful money of the United States, for the payment of which, well and touly to be made, said PRINCIPAL and  |
| SURETY hereby bind themselves, their successors and assigns, jointly and severally, firmly by these presents  |
|   |

The conditions of this obligation are such that :

WHEREAS, The above principal has heretofore or may hereafter enter into oil and gas leases, or carbon dioxide (CO<sub>2</sub>) gas leases, or helium ras leases with the State of New Mexico; and

WHEREAS, The above principal has heretofore or may hereafter enter into oil and gas leases, or carbon dioxide (CO<sub>2</sub>) gas leases, or helium gas leases on lands patented by the United States of America to private individuals, and on lands otherwise owned by private individuals; and

\_\_\_\_\_County, New Mexico.

100 C

NOW, THEREFORE, If the above bounden principal and surety or either of them or their successors or assigns, or any of them, shall plug said well when dry or when abandoned in accordance with the rules, regulations, and orders of the Oil Conservation Commission of New Merico in such way as to confine the oil, gas, and water in the strata in which they are found, and to prevent them from escaping into other strata;

THEN, THEREFORE. This obligation shall be null and violation to a violation of our detail of complexity of proceeding with any and all of said obligations, the same shall remain in full force and effect.

| SURETY<br>ox 16004, San Antonio, Texas 782<br>Address<br>Address<br>Attorney-in Fact<br>Lois R. Lundschen<br>Corporate surety affix corporate seal here.)<br>TURAL PERSONS<br>   |
|--|
| Attorney-in Fact<br>Lois R. Lundschen<br>Corporate surety affix corporate seal here.)<br>TURAL PERSONS<br>   |
| TURAL PERSONS<br>  |
| ne_MHarvey me known to be the \$\$\$\$\$\$ (personally appe<br>(they) executed the same as \$\$\$\$(their) free act and de<br>and year in this certificate first above written.<br>2022 22 - Action of a to a<br>Notary Public   |
| ne_MHarvey nie known to be the <b>\$\$7\$\$\$</b> (pers<br>(they) executed the same as <b>\$7\$</b> (their) free act and de<br>and year in this certificate first above written.<br>2002 200 - 200 |
| ne_MHarveyme known to be the <b>XXXX</b> (pers<br>(they) executed the same as <b>XXX</b> (their) free act and de-<br>and year in this certificate first above written.<br><i>UCOLO</i>   |
| ne_MHarvey nie known to be the <b>XXXX</b> (pers<br>(they) executed the same as <b>XXX</b> (their) free act and de<br>and year in this certificate first above written.<br><i>UCCLC</i>  |
| Notary Public  |
| Notary Public  |
| /  |
| CORPORATE SURETY   |
| , 19.82, before me personally appe   |
| d that the foregoing instrument was signed and seale   |
| nowledged said instrument to be the free act   |
| and year in this certificite first above vertuen.  |
| Notary Public  |
| June R. Shelton  |
| PORATION   |
|  |
| , to me personally known, v  |
|  |
|  |

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IN WITNESS WHEREOF, I have hereunto set my hand and seal on the day and year in this certificate first above written

## The Fidelity and Casualty Company c. New York RECEIVED

80 Maiden Lane, New York, New York 10038

### GENERAL POWER OF ATTORNEY

**DEC** 27 1982

1.

## Know all men by these Presents, That THE FIDELITY AND CASUALT COMPANY

OF NEW YORK has made, constituted and appointed, and by these presents does make, constitute, and appointed, OFFICE

Lois R. Lundschen of San Antonio, Texas

its true and lawful attorney for it and in its name, place, and stead to execute on behalf of the said Company, as surety, bonds, undertakings and contracts of suretyship to be given to

#### all obligees

provided that no bond or undertaking or contract of suretyship executed under this authority shall exceed in amount the sum of One Million (\$1,000,000.) Dollars.

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RESOLVED that the Chairman of the Board, the Vice Chairman of the Board, the President, an Executive Vice President or a Senior Vice President of the Company, be and that each or any of them is, authorized to execute Powers of Attorney qualifying the attorney named in the president of Attorney to execute in behalf of the Company, bonds, undertakings and all contracts of suretyship, and that an Assistant Vice President, a ferretary or an Assistant Secretary be, and that each or any of them hereby is, authorized to attest the execution of any such Power of Attorney, and to attest therein the seal of the Company.

FURTHER RESOLVED, that the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any dertificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company when so atfixed and in the future with respect to any bond, undertaking or contract of suretyship to which it is attach-

In Witness Whereof, THE FIDELITY AND CASUALTY COMPANY OF NEW YORK has caused its official seal to be hereunto affixed, and these presents to be signed by one of its Vice Presidents and attested by one of its Assistant Vice Presidents this 3rd day of January, 1978. THE FIDELITY AND CASUALTY COMPANY OF NEW YORK

Βv

Attes:

Morris L. Ford, Assistant Vice-President

STATE OF NEW YORK.

On this 3rd day of January, 1978, before me personally came R. K. Ruesch, to me known, who being by me duly sworn, did depose and say that he resides in New Providence, in the County of Union, State of New Jersey, at 35 Alden Road; that he is a Vice-President of THE FIDELITY AND CASUALTY COMPANY OF NEW YORK, the corporation described in and which executed the above instrument; that he knows the seal of the said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation and that he signed his name thereto by like order.



ETHEL TARANTO

R K Ruesch, Vice-President

NOTARY PUBLIC, State of New York No. 24 - 4663117 Qual. in Kings County Commission Expires March 30, 1980

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| Signed and sealed at the City of New York. Date | d the 14       | day of Dec. | 19 82                      |       |
|---|----------------|-------------|----------------------------|-------|
|   | and the second | Q           | mr                         | eane, |
|   |                | James M     | 1 Keane, Assistant Secreta | -     |
|   | 11. IN         |             |                            |       |