P. O. BOX 2088    Distribution    Distribution    SANTA FE    File    U.S.G.S.    LAND OFFICE    APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK    APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK    APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK    Type of Well    OFFICE    OFFICE    OFFICE    DRILL X    Detention    Detention    OFFICE    OFFICE    OFFICE    State Office    Set Construct    Set Constre    Set Const	STATE OF NEW MEXICO INERGY AND MINERALS DEPARTMENT C CONSERVATION DIVISION						30-025-28192 Form C-101	
Internet of the set of t	DISTRIBUTION	DISTRIBUTION SANTA FE, NEW MEXICO 87501						
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  J. Unit Agreement Nume    APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  J. Unit Agreement Nume    Type of weat  DRILL  DEEPEN  PLUG BACK    Type of weat  DRILL  DEEPEN  PLUG BACK  J. Unit Agreement Nume    Type of weat  DRILL  DEEPEN  PLUG BACK  J. Unit Agreement Nume    Type of weat  Enter of Common  PLUG BACK  J. Unit Agreement Nume    Type of weat  Enter of Common  PLUG BACK  J. Unit Agreement Nume    There of Common  Enter of Common  PLUG BACK  J. Unit Agreement Nume    There of Common  Enter of Common  PLUG BACK  J. Data State    There of Common  For of Set Time Open Set Time  Deter of Set Time Open Set Time Open Time  J. Data State    The State of Hold Enter of Common  For of Set Time Open	FILE	FILE				.5. State Oil & Gas Lease No.		
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  1. Unit Autrement Nume    12. Type of work  PLUG BACK  1. Unit Autrement Nume    12. Type of work  PLUG BACK  1. Unit Autrement Nume    12. Type of work  PLUG BACK  1. Unit Autrement Nume    12. Name of Germand  Public Back  1. Despective    12. Name of Germand  P. O. BOX 2009 / Amarillo, Texas 79189  10. Freid and Poel, or Wildeer    13. Address of Operator  P. O. BOX 2009 / Amarillo, Texas 79189  10. Freid and Poel, or Wildeer    14. Leavison of Will wert strite  D  start or strite  10. Freid and Poel, or Wildeer    14. Leavison of Will wert strite  D  start or strite  10. Freid and Poel, or Wildeer    15. Construct  D  start or strite  10. Freid and Poel, or Wildeer    15. Construct  D  start or strite  10. Freid and Poel, or Wildeer    16. Construct  D  start or strite  10. Freid and Poel, or Wildeer    16. Construct  D  start or strite  10. Automation  12. Accurd    16. Construct  D  start or strite  11. Or strite  11. Strite    16. Construct  Start or strite  11. Drilling C	LAND OFFICE	LAND OFFICE			D			
b. Try of well  DEEPEN  PLUG BACK  b. Try of well were there    b. Try of well  errors  Weil No.  2    c. Note of Goperator  Weil No.  2    b. Try of well  errors  B. Weil No.  2    c. Note of Goperator  P.O. Box 2009 / Amarillo, Texas 79189  10. Field and Pool, or Wildow    c. Coordin of Well wert Letter  D  Letters  660    c. Coordin of Well wert Letter  D  Letters  10    c. G60  errors  Note of Well Wert Letters  10    c. Coordin of Well wert Letters  D  Letters  11    c. Coordination of Well Wert Letters  D  Letters  12. And starts    c. Coordination of Well Wert Letters  D  Letters  12. And starts    c. Coordination of Well Wert Letters  D  Letters  11. And a Coordination of Well Wert Letters    c. Coordination of Well Wert Letters  D  Letters  13. And a Coordination Coordinatin Coordination Coordination Coordination Coord	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK							
b. Type of Vail <u>enten</u> <u>unit</u> <u>enten</u> <u>unit</u> <u>unit</u> <u>Vacuum State</u> <u>Vacuum </u>			· · —			7. Unit Agre	ement Name	
2. Noted Openator  2. Notes of Construction  2. Notes of Construction    3. Address of Openator  10. Field and Pool, as Wildowi    P.O. Box 2009 / Amarillo, Texas 79189  Undesignated Scharb Mo    4. Location of Weil and Pool, as Wildowi  D  Leaster 660    4. Location of Weil and Pool, as Wildowi  D  Leaster 660    and 660  retries and the system of the system	b. Type of Well	Type of Well						
3. Address of Operator  10. Field and Pool, or Wildset Undesignated Scharb Wo    4. Location of Well with Lettrice  D  testion of G60	2. Name of Operator			20072		_		
4. Lecention of Weil  D  Lecentes  660  ret resource  North  Life    are  660  ret resource  West  Life or set:  10  ret 195  set:  35E  set:  12. County  Leas    21. Differentiation (Jdge worker/DF, M, etc.)  21. A kap 5 Stores Plus, Bond  11.000  Wolf camp  22. Append. Due worker/DF, M, etc.)  21. A kap 5 Stores Plus, Bond  11.000  Wolf camp  22. Append. Due worker/DF, M, etc.)    21. Differentiation (Jdge worker/DF, M, etc.)  21. A kap 5 Stores Plus, Bond  11. Differentiation  22. Append. Due worker/DF, M, etc.)    23.  PROPOSED CASING AND CEMENT PROCRAM  22. Append. Due worker/DF, M, etc.)  EST. TOP    33.7  FROPOSED CASING AND CEMENT PROCRAM  Size of Hole E  Size of CASING WEIGHT PER FOOT  SetTING DEPTH SACKS OF CEMENT EST. TOP    17. 1/2"  13.3/8"  24.6  4000'  1000/250  Tie-back to 13    7. 7/8"  5.1/2"  17.4  11.000'  550/650  cover all pay    Propose to drill 17.1/2"  hole to 500' and set 13.3/8" surface casing and cement to surface or tie back to 13.3/8" casing. Will then drill 7.7/8" hole to TD of 11,000'.    Gas sales are dedicated.  XC: NMOCD-H (5),	3. Address of Operator							
11:  12:  13:  Frequency December 22:  Appendence    21:  Lea  11:  11:  10:  Formation  12:  December 22:  Appendence    23:  PROPOSED CASING AND CEMENT PROGRAM  22:  Appendence  11:  11:  11:  11:  12:  December 22:  Appendence  12:  Topological Commenter  Appendence								
1: Derenions Colory whether DF, R1, etc.;  21. A kind & Sintus Five, Bord  110. 000  Wolf camp  20. Balary or C.T.    3379.1'  21. A kind & Sintus Five, Bord  110. 000  Wolf camp  22. Approx. Date Work will stort    337  PROPOSED CASING AND CEMENT PROGRAM    SIZE OF HOLE  SIZE OF CASING WEIGHT PER FOOT  SETTING DEPTH  SACKS OF CEMENT  EST. TOP    11  11.2''  13.8''  48#  500'  1000/250  Tile-back to 13    11  7 7/8''  5 1/2''  17#  11000'  550/650  kover all pay    Propose to drill 17 1/2'' hole to 500' and set 13 3/8'' surface casing and cement to surface.    to surface.    VIII then reduce hole to 11'', nipple up 3000 psi BOPs and drill to 4000' to set intermediate string of 8 5/8'' casing and cement to surface or tie back to 13 3/8'' casing. Will then drill 7 7/8'' hole to TD of 11,000'.    Cas sales are dedicated.    XC: NMOCD-H (5), CEN RCDS, ACCTG, OPS (FILE), MIDLAND, HOBES, PARTNERS, MAT CONT, NOTE: original APD had surface casing to 350'.    Mathematical target for Sale to the bard of the bard to provide and ballet.    Tails mathematical target for Sale to the bard of the bard to provide and ballet.    Tile Regulato	AND 660 FECT FROM	THE West LIN	e or sec. 10	TWP. 195 RGE. 3.	5 <u>5 nmpm</u>			
21. Liver (Job on whether DF, KT, etc.)  21. A. Kind & Stortus Play. Bord  21. B. Drilling Contractor Dual Drilling  22. Approx. Dute Work will stort April 15, 1983    23.  PROPOSED CASING AND CEMENT PROGRAM  21. B. Drilling Contractor Dual Drilling  22. Approx. Dute Work will stort April 15, 1983    23.  PROPOSED CASING AND CEMENT PROGRAM  Size of HOLE  Size of CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP    11. 1/2"  13. 3/8"  48#  500'  300  Surface    11"  8. 5/8"  24#  4000'  1000/250  Tie-back to 13    7. 7/8"  5. 1/2"  17#  11000'  550/650  cover all pay    Propose to drill 17 1/2"  hole to 500' and set 13. 3/8" surface casing and cement to surface. Will then reduce hole to 11", nipple up 3000 psi BOPs and drill to 4000' to set intermediate string of 8.5/8" casing and cement to surface or tie back to 13.3/8" casing. Will then drill 7.7/8" hole to TD of 11,000'.    Gas sales are dedicated.  XC: NMOCD-H (5), CEN RCDS, ACCTG, OPS(FILE), MIDLAND, HOBBS, PARTNERS, MAT CONT, NOTE: original APD had surface casing to 350'.    NATORY ENCLOPENTION ENCODER ADDERADING PROCEASE IN PROPOSED PROCEASE IN								
21. Liver (Job on whether DF, KT, etc.)  21. A. Kind & Stortus Play. Bord  21. B. Drilling Contractor Dual Drilling  22. Approx. Dute Work will stort April 15, 1983    23.  PROPOSED CASING AND CEMENT PROGRAM  21. B. Drilling Contractor Dual Drilling  22. Approx. Dute Work will stort April 15, 1983    23.  PROPOSED CASING AND CEMENT PROGRAM  Size of HOLE  Size of CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP    11. 1/2"  13. 3/8"  48#  500'  300  Surface    11"  8. 5/8"  24#  4000'  1000/250  Tie-back to 13    7. 7/8"  5. 1/2"  17#  11000'  550/650  cover all pay    Propose to drill 17 1/2"  hole to 500' and set 13. 3/8" surface casing and cement to surface. Will then reduce hole to 11", nipple up 3000 psi BOPs and drill to 4000' to set intermediate string of 8.5/8" casing and cement to surface or tie back to 13.3/8" casing. Will then drill 7.7/8" hole to TD of 11,000'.    Gas sales are dedicated.  XC: NMOCD-H (5), CEN RCDS, ACCTG, OPS(FILE), MIDLAND, HOBBS, PARTNERS, MAT CONT, NOTE: original APD had surface casing to 350'.    NATORY ENCLOPENTION ENCODER ADDERADING PROCEASE IN PROPOSED PROCEASE IN								
3879.1'  Blanket  Dual Drilling  April 15, 1983    PROPOSED CASING AND CEMENT PROGRAM    SIZE OF HOLE  SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT    SIZE OF HOLE  SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT    11/2"  13 3/8"  48#    1000/250  Tie-back to 13    7 /8"  5 1/2"  17#  11000/250  Tie-back to 13    7 /8"  5 1/2"  17#  1000/250  Tie-back to 13    Topose to drill 17 1/2"  hole to 500' and set 13 3/8" surface casing and cement to surface.  Will then reduce hole to 11", nipple up 3000 psi B0Ps and drill to 4000' to set intermediate string of 8 5/8" casing and cement to surface or tie back to 13 3/8" casing. Will then drill 7 7/8" hole to TD of 11,000'.    Gas sales are dedicated.    XC: NMOCD-H (5), CEN RCDS, ACCTG, OPS(FILE), MIDLAND, HOBES, PARTNERS, MAT cont, NOTE: original APD had surface casing to 350'.    NAROUS SEACCE DESCENSE PROPOSED PROCEASE IN FORCEASE IN FORCEASE AND PROVE SURFACE AND PROVE THE FORCEASE.    NAROUS SEACCE DESCENSE PROPOSED PROCEASE IN FORCEASE IN FORCEASE AND PROVE SURFACE AND PROVE							_	
PROPOSED CASING AND CEMENT PROGRAM    SIZE OF HOLE  SIZE OF CASING WEIGHT PER FOOT  SETTING DEPTH  SACKS OF CEMENT  EST. TOP    17  17  13  3/8"  48#  500'  300  Surface    11"  8  5/8"  24#  4000'  1000/250  Fie-back to 13    7  7/8"  5  1/2"  17#  11000'  550/650  cover all pay    Propose to drill 17  1/2"  hole to 500' and set 13  3/8" surface casing and cement  .    to surface.  Will then reduce hole to 11", nipple up 3000 psi BOPs and drill to  4000'  4000' to set intermediate string of 8  5/8" casing and cement to surface or tie    back to 13  3/8" casing.  Will then drill 7  7/8" hole to TD of 11,000'.    Gas sales are dedicated.  XC:  NMOCD-H (5), CEN RCDS, ACCTG, OPS(FILE), MIDLAND, HOBES, PARTNERS, MAT CONT,    NOTE:  original APD had surface casing to 350'.  .    MACONC HACE DESCRIPT DESCRIPTION PROFESSAL IN TROPOSCIES AND COMPANY AND RESERVER AND RES	1. Lievations (Show whether DF, 3879.1'	RT, etc.) 21A. Kind Blai						
17  1/2"  13  3/8"  48#  500"  300  Surface    11"  8  5/8"  24#  4000'  1000/250  Tie-back to 13    7  7/8"  5  1/2"  17#  11000'  550/650  cover all pay    Propose to drill 17  1/2"  17#  11000'  550/650  cover all pay    Propose to drill 17  1/2"  hole to 500' and set 13  3/8" surface casing and cement  to surface. Will then reduce hole to 11", nipple up 3000 psi BOPs and drill to 4000' to set intermediate string of 8  5/8" casing and cement to surface or tie back to 13  3/8" casing. Will then drill 7  7/8" hole to TD of 11,000'.    Gas sales are dedicated.  XC: NMOCD-H (5), CEN RCDS, ACCTG, OPS(FILE), MIDLAND, HOBBS, PARTNERS, MAT CONT, NOTE: original APD had surface casing to 350'.    NA SOVE SPACE DESCRIBE PROPOSED PROCRAM. P PROCEAL IS TO DESCRIPT. Cover struct and proceed to the been of my howlindge and bellef.    Work Source (we show over structure proceed and to be mode my howlindge and bellef.    Work Source (or State Use)  Table_ Regulatory Coordinator  Date April 15, 1983    (This space for State Use)	23.	P	ROPOSED CASING A	ND CEMENT PROGRAM		_ <b>l</b>		
11"  13 5/8"  24#  4000'  1000/250  Tie-back to 13    7 7/8"  5 1/2"  17#  11000'  550/650  cover all pay    Propose to drill 17 1/2" hole to 500' and set 13 3/8" surface casing and cement to surface. Will then reduce hole to 11", nipple up 3000 psi BOPs and drill to 4000' to set intermediate string of 8 5/8" casing and cement to surface or tie back to 13 3/8" casing. Will then drill 7 7/8" hole to TD of 11,000'.    Gas sales are dedicated.  XC: NMOCD-H (5), CEN RCDS, ACCTG, OPS(FILE), MIDLAND, HOBBS, PARTNERS, MAT CONT, NOTE: original APD had surface casing to 350'.    NA SOOVE SPACE DESCRIPT PROPOSED PROCEAMS IF PROPOSED IN COMPANY IF PROPOSED IN THE SUBJECT FOR SUBJECT	SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO		· · · · · · · · · · · · · · · · · · ·			
7 7/8"  5 1/2"  17#  11000'  550/650  cover all pay    Propose to drill 17 1/2" hole to 500' and set 13 3/8" surface casing and cement  .  .  .    You on the surface.  Will then reduce hole to 11", nipple up 3000 psi BOPs and drill to 4000' to set intermediate string of 8 5/8" casing and cement to surface or tie back to 13 3/8" casing.  .  .    Gas sales are dedicated.  .  .  .  .  .    XC:  NMOCD-H (5), CEN RCDS, ACCTG, OPS(FILE), MIDLAND, HOBBS, PARTNERS, MAT CONT, NOTE: original APD had surface casing to 350'.  .    MASOVE SPACE DESCRIBE PROPOSED PROCEASH. 17 PROPOSEL is To betere as Plue back, sive back on present resource for the back of my hop-ledge and belief.  .    Interby cently that the information above is true and complete to the best of my hop-ledge and belief.  .  .    Signed  .  .  .  .  .    (This space for State Use)  .  .  .  .  .    (This space for State Use)  .  .  .  .  .  .    .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
Propose to drill 17 1/2" hole to 500' and set 13 3/8" surface casing and cement to surface. Will then reduce hole to 11", nipple up 3000 psi BOPs and drill to 4000' to set intermediate string of 8 5/8" casing and cement to surface or tie back to 13 3/8" casing. Will then drill 7 7/8" hole to TD of 11,000'. Gas sales are dedicated. XC: NMOCD-H (5), CEN RCDS, ACCTG, OPS(FILE), MIDLAND, HOBBS, PARTNERS, MAT CONT, NOTE: original APD had surface casing to 350'. MA BOVE SPACE DESCRIBE PROPOSED PROCEAMM IF PROPOSEL IS TO DECEM OF PLUE ALC, GIVE DATA OF PRESENT PRODUCTIVE FORE AND PROPOSED BROCEAMM IF PROPOSED LIP PROPOSED PROCEAMM IF PROPOSED LIP PROPOSED LIP PROPOSED PROCEAMM IF PROPOSED LIP PROPOSED PROCEAMM IF PROPOSED LIP PROPOSED								
IVE 20ME. GIVE SLOWOUT PAEVENTER PROGRAM, IP ANY.    hereby certify that the information above is true and complete to the best of my knowledge and bellef.    bigned  Regulatory Coordinator    Date April 15, 1983    (This space for State Use)    Date APR 20 1002	to surface. We 4000' to set in back to 13 3/8' Gas sales are o XC: NMOCD-H (S	ill then reduce ntermediate str " casing. Will dedicated. 5), CEN RCDS, AG	hole to 11", ing of 8 5/8" then drill 7 CCTG, OPS(FILM	nipple up 3000 pa casing and cemen 7/8" hole to TD o 2), MIDLAND, HOBB	si BOPs a t to surf of 11,000	nd drill ace or t '.	to ie	
Signed <u>Q. F. Machik</u> (This space for State Use) (This space for State Use) Date <u>APR 20 1992</u>	TIVE 20HE. GIVE BLOWOUT PREVENTE	R PROGRAM, IP ANY.				DUCTIVE IONE	AND PROPOSED NEW PROP	
PROVED BY JERRY SEXTON	Sized R. F. Marth	L above is true and comp				Date April	15, 1983	
EDITIONS OF APPROVALISTRICTY SUPERVISOR	(This space for S	itate Use)			<u>,</u>			
CONDITIONS OF APPROVALISTRUTY SUPERVISON	APPROVED BY	GNED BY JERRY SEXT	ON			DATE AP	R 2.0 1983	
	CONDITIONS OF APPROVALS	CIA SUPERAISON		•				
							· ·	