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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK         APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK       TURNAL ALLOTTES CONTINUE         DRILL       DEEPEN       PLUG BACK       TURNAL ALLOTTES CONTINUE         Strate or original       Strate or original       Number of the strate original orisol original original original original original original origina		DEPARTMENT OF THE INTERIOR						5. LEASE DESIGNATION AND BEBIAL NO.		
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4. DOCENDE OF PELL (Report locations with any State requirements*)       (Abo.) Wildcat         At proposed prof. uses       (Abo.) Wildcat         Same       (Abo.) Wildcat         At proposed prof. uses       Same         Same       (Abo.) Wildcat         At proposed prof. uses       Same         Same       (Abo.) Wildcat         Abo. Same       (Abo.) Wildcat         B Differe For Proposets       (Abc.) Wildcat         B Differe For Proposets       (Ab										
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Sciin 29, T-9-S, R-34E         Sciin 29, T-9-S, R-34E         Notice the production from form variation form of four orfice"         Builds west of Crossroads, NM         Lea       NM         Database from from from from from from from from	At surface 660'	FSL & 1980' FEL	11. SEC., T., B., M., OR BLE.							
Same     R=34-E       10 burner Nulles AND DIRCTOR FORM NALIEET TOW TOR POST OFFICE*     12. COUNT OR PAILING       10 burner Store Former?     12. COUNT OR PAILING       11 burner Store Former?     10. NO. OF ACERS IN LEASE       12 burner Store Former?     10. NO. OF ACERS IN LEASE       13 burner Store Former?     10. NO. OF ACERS ASSOCIED       14 book method for the store former?     10. NO. OF ACERS ASSOCIED       15 burner Store Former?     10. NO. OF ACERS ASSOCIED       16 book method for the store former?     10. NO. OF ACERS ASSOCIED       17 burner Store Former?     10. NO. OF ACERS ASSOCIED       18 browner Store Former?     10. No. OF ACERS ASSOCIED       19 browner Store Former?     10. No. OF ACERS ASSOCIED       10 browner Store Former?     10. No. OF ACERS ASSOCIED       10 browner Store Former?     10. No. OF ACERS ASSOCIED       10 browner Store Former?     10. No. OF ACERS ASSOCIED       11 browner Store Former?     12. Store Former?       12 browner Store Former?     12. Store Former?       11 1''''''''''''''''''''''''''''''''''	At proposed prod. son	e								
8 miles west of Crossroads, NM       Lea       NM         15 Distance From Floorest       16. No. OF ACRES IN LEASE       17. No. OF ACRES ASSIGNED         15 Distance From Floorest       10. No. OF ACRES IN LEASE       17. No. OF ACRES ASSIGNED         16 Distance From Floorest       10. No. OF ACRES IN LEASE       17. No. OF ACRES ASSIGNED         16 Distance From Floorest       10. No. OF ACRES ASSIGNED       80         17. No. OF ACRES ASSIGNED       20. North Torons Called Toold       80         18. READFORSE DEFTH       20. North Torons Called Toold       80         11. Transa (Show Whether DF, RT, GR, etc.)       22. AFFROL Date Wolk Will Stater       22. AFFROL Date Wolk Will Stater         23.       PROPOSED CASING AND CEMENTING PROGRAM       22. AFFROL Date Wolk Will Stater       20. North Tor State North Tor Cement         11. "       8-5/8"       32. 4015       300 Sxs       300 Sxs         7-7/8"       4-1/2"       11.6       9874       300 Sxs         This well originally produced from the Bough "C" at 9838-9848' by BTA 011. Well was plugg       8/88/71. Operator plans to <u>resenter</u> and clean out to perforate Abo at 8980-9020'. The procedure for this is as follows:       1. Drill out plugs from 0-10', 350-400' and 1300-1350' (top of cut off 8-5/8" is at 1325         2. Run casing patch and 8-5/8" casing and tie back cement to 3700'.       1.       1.         3.							R-34-E			
16. Distance From Flow Flow FLOW HOUSE       16. No. OF ACERS IN LEASE       17. No. OF ACERS ASDETED         16. NO. OF ACERS IN THE ACENT AND THE ACE	14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*						12. COUNTY OF PARISH 18. STATE			
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(Allo to servet drig: uit line, if ap;)       660'       400       80         B Derrace recover recover coveres       None       9200'       Rotary         22. APPROL DATE OF CALLE TOOLS       None       9200'       Rotary         23. APPROL PROFESSION FTH       20. BOTART OF CALLE TOOLS       22. APPROL DATE WORK WILL BEART         4269 GR       4278 DF       12/15/88         23.       PROPOSED CASING AND CEMENTING PROGRAM         aite of Rolk       aite of Calle of Calle Tool       attract         11       8-5/8"       32       4015       300 SXS         7-7/8"       4-1/2"       11.6       9874       300 SXS         This well originally produced from the Bough "C" at 9838-9848' by BTA 0il. Well was plug;       8/28/71.         0perator plans to re-enter       acciter       to feature.         1.0       procedure for this is as follows:       1300-1350' (top of cut off 8-5/8" is at 1325         2. Run casing patch and \$5/8" casing and tie back cement to surface.       5/8" is at 4415         3. Drill out plugs at 3975/4050' and 4350-4450' (top of cut off 4-1/2" casing is at 4415         4. Run casing patch and \$200' and set bridge plug at 9150'.       10         5. Drill out plugs promote Bood #18-5-100195355       71         7. Perforate Abo at 8980-9020'.       71 <td colspan="4">LOCATION TO NEAREST PROPERTY OF LEASE LINE PT</td> <td colspan="2"></td> <td colspan="2"></td>	LOCATION TO NEAREST PROPERTY OF LEASE LINE PT									
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21. LEVATORIA (Show whether DF, RT, GR, etc.)       22. APPROX. DATE WORK WILL START*         4269 GR       4278 DF       12/15/88         23.       PROPOSED CASING AND CEMENTING PROGRAM         anse or NoLe       Size or CASING       WEUGHT PER FOOT       SETTING DEFTH       QUARTITY OF CEMENT         17-1/2"       12-3/4"       42       376       375 sxs       1         11       8-5/8"       32       4015       300 sxs       300 sxs         7-7/8"       4-1/2"       11.6       9874       300 sxs         7-7/8"       4-1/2"       11.6       9874       300 sxs         This well originally produced from the Bough "C" at 9838-9848' by BTA 011. Well was plugg       8/28/71. Operator plans to re-enter and clean out to perforate Abo at 8980-9020'. The procedure for this is as follows:         1.       Drill out plugs from 0-10', 350-400' and 1300-1350' (top of cut off 8-5/8" is at 1325         2. Run casing patch and 8-5/8" casing and tie back cement to surface.       1         3. Drill out plugs at 3972 4050' and set bridge plug at 9150'.       1         4. Run casing patch and 8-5/8" casing and tie back cement to 3700'.       1         5. Drill out bridge plug at 8900' and set bridge plug at 9150'.       1         6. Pressure test casing to 1500#.       1       1         7. Perforate Abo at 8980-9020'	TO NEAREST WELL, DRILLING, COMPLETED,									
The proposed casing and cementing program         Size of casing         Size of casing casing and tie back cement to surface.         Size of casing casing and tie back cement to surface.         Size of casing casing can cie back cement to surface.         Size of casing		NOILE	<u> </u>	1	9200	<u>1 KO</u>		OBK WILL START*		
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17-1/2"       12-3/4"       42       376       375 sxs         11       "       8-5/8"       32       4015       300 sxs         7-7/8"       4-1/2"       11.6       9874       300 sxs         7-7/8"       4-1/2"       11.6       9874       300 sxs         This well originally produced from the Bough "C" at 9838-9848' by BTA 011. Well was plugg       8/28/71. Operator plans to re-enter and clean out to perforate Abo at 8980-9020'. The procedure for this is as follows:         1. Drill out plugs from 0-10', 350-400' and 1300-1350' (top of cut off 8-5/8" is at 1325         2. Run casing patch and 8-5/8" casing and tie back cement to surface.         3. Drill out plugs at 3975 050' and 4350-4450' (top of cut off 4-1/2" casing is at 4415         4. So prill out bridge plug at 8900' and set bridge plug at 9150'.         5. Drill out bridge plug at 8900' and set bridge plug at 9150'.         6. Pressure test casing to 1500f.         7. Perforate Abo at 8980-9020'.         8. Acidize perfs.         9. Test well.         Aetna \$50,000 Blanket Bond #18-S-100195355         7.         9. Test well.         4. sicwrn         Jack Carlile         7. True       Geologist         7. Preforate are proced new productive sone and proposed new productive sone and proposed new productive revolutive revolution depen directi	23.	PR	OPOSED CAS	SING ANI	CEMENTING PROGRA	M				
17-1/2"       12-3/4"       42       376       375 sxs         11       "       8-5/8"       32       4015       300 sxs         7-7/8"       4-1/2"       11.6       9874       300 sxs         7-7/8"       4-1/2"       11.6       9874       300 sxs         This well originally produced from the Bough "C" at 9838-9848' by BTA 011. Well was plugg       8/28/71. Operator plans to re-enter and clean out to perforate Abo at 8980-9020'. The procedure for this is as follows:         1. Drill out plugs from 0-10', 350-400' and 1300-1350' (top of cut off 8-5/8" is at 1325         2. Run casing patch and 8-5/8" casing and tie back cement to surface.         3. Drill out plugs at 3975 050' and 4350-4450' (top of cut off 4-1/2" casing is at 4415         4. So prill out bridge plug at 8900' and set bridge plug at 9150'.         5. Drill out bridge plug at 8900' and set bridge plug at 9150'.         6. Pressure test casing to 1500f.         7. Perforate Abo at 8980-9020'.         8. Acidize perfs.         9. Test well.         Aetna \$50,000 Blanket Bond #18-S-100195355         7.         9. Test well.         4. sicwrn         Jack Carlile         7. True       Geologist         7. Preforate are proced new productive sone and proposed new productive sone and proposed new productive revolutive revolution depen directi	SIZE OF HOLE	SIZE OF CASING	WEIGHT PER	F00T	SETTING DEPTH		QUANTITY OF CEME	NT		
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Aetna \$50,000 Blanket Bond #18-S-100195355       File         In Above SPACE DESCRIBE PROPOSED PROCEAM : If proposal is to deepen or plug back, give data on present productive some and proposed new productive some andin there are a some and there are a some and pr	-	ris.					-	, m		
N ABOVE SPACE DESCRIBE PROPOSED PROCEAM : If proposal is to deepen or plug back, give data on present productive sone and proposed new productive one. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. SIGNED		Blanket Bond #18-	S-100195	355				<b>F</b> -1		
BIGNED     Jack Carlile     TITLE     Geologist     DATE     9/26/88       (This space for Federal or State office use)     APPROVAL DATE     APPROVAL DATE       PERMIT NO.     APPROVAL DATE     APPROVAL DATE       APPROVED BY     Crig. Signed     CARLSIAD REJUNCE AND       CONDITIONS OF APPROVAL, IF ANY:     TITLE     DATE	one. If proposal is to d preventer program, if any	rill or deepen directionally,	oosal is to dee give pertinen	pen or p it data o	lug back, give data on pu n subsurface locations an	resent produ nd measured	uctive sone and propose I and true vertical depti	d new productive		
APPROVAL DATE		Jack Car	lile TI	TLE	Geologist		DATE9/2.6	j/88		
APPROVED BY CARLS IN TITLE CARLS IN DATE 11-28-97	(This space for Federa	al or State office use)				<u> </u>				
APPROVED BY CARLSBAD RENOUNCE AND DATE	PERMIT NO.		······································		APPROVAL DATE					
CONDITIONS OF APPROVAL, IF ANY :	APPROVED BY	Signed 19	TI	Ç		RISAAD RESOUNCE AND DATE 11-28-54				
	CONDITIONS OF APPROVA									

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## \*See Instructions On Reverse Side

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.

