Form 3160-3 (November 1983) (formerly 9-331C)

## SUBMIT IN TRIPLICATE.

(Other instructions on reverse side)

Form approved. Budget Bureau No. 1004-0136 Expires August 31, 1985

DEEPEN DEEPEN, OR PLUG BACK  DICATILLA ADACHE  7. UNIT AGREEMENT NAME  DICATILLA ADACHE  1. UNIT AGREEMENT NAME  1. UNIT	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK    A TYPE OF WORL   DRILL   DEEPEN   PLUG BACK		DEPARTMENT	r of the II	NTERI	OR		5. LEASE DESIGNATION	AND SERIAL NO.	
DEEPEN DILL, DEEPEN, OR PLUG BACK  DEEPEN DILL PLUG BACK DILCATION OF PLUG BACK  OTHER DOUBLE DILL PLUG BACK DILCATION OF PLUG BACK  OTHER DOUBLE DILL PLUG BACK DILCATION OF PLUG BACK DILL PLUG BACK DI	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK    ALL TIPE OF WARL		BUREAU OF	LAND MANAG	EMENT	30-039-2	5030			
DEEPEN   PLUG BACK   7. UNIT AGREEMENT NAME   1. UNIT AGREEMENT NAME	DRILL E DEEPEN DELOGRACK  DETIFICATION OF THE APPOINT OF THE PROPERTY AND PROCESSES OF THE PROPERTY OF THE PRO	APPLICATION	FOR PERMIT 1	O DRILL. D	DEEPEN			6. IF INDIAN, ALLOTTI	S OR TRIBE NAME	
DEPPEN   MOLTIPLE   MO	DRILL W. STATE OF WELL.  OTHER SOME DOLL PLE SOME DULLTHER SOME DULTHER SOME DICATE SOME DICATE SOME DICATE SOME DICATE SOME DICATED SO					7				
Jicarilla Tribal Cont. #4  O. WELL NO.  30 (AFF# 30 039 24351)  10 FIELD AND FOOL OR WILDOLAR  S Lindrith Gallup-Dakota  11 SEC. F. M. NO. DEEK.  ADD SUVER OR PARKET TOWN OR FOST OFFICE*  EST Of Lindrith, New Mexico  12 from lease line 2560  1300' 7640' ROTARY  PROFOSED CASING AND CEMBETING PROGRAM  CASING WEIGHT PER FOOT SETTING DEPTH "GENERAL SHARED WITH ATTACHED TOWN OF THE WI	STABLE OF POLICE   STATES OF CAREE OF CAREE OF SECTION   STATES OF CAREE		LL 🛚	DEEPEN [		PLUG BA	CK 🗆	7. UNIT AGREEMENT	NAMB	
Jicarilla Tribal Cont. #4  O. WELL NO.  30 (AFF# 30 035 24351)  10 FIELD AND FOOL. OR WILDCAY  S. Lindrith Gallup-Dakota  11 SEC. T. M. No. OR DEEL  AND SULVEY OR PARKET 10 NOW MEXAGE  EST OF Lindrith, New Mexico  12 from lease line 2560  1300' 7640'  19 PROPOSED CASING AND CEMBETING PROGRAM  PROPOSED CASING AND CEMBETING PROGRAM  CASING WEIGHT PER FOOT SETTING DEPTH "GENERAL WINDER WITH ATTACHED 1/2" 11.60# (N-80) 7640'  15 from lease 10 (Section 1) 1	Chace Oil Company, Inc.  ADDRESS OF STRAND S	-	s —		SING	LE [ MULTI	PLE []	C PARK OF TRACE N		
10.   10.	Chace Oil Company, Inc.  ADDRESS OF OFFRATOR  ARDRESS OF OFFRATOR  33 (APT# 30 03 24351)  34 Nashington SE, Albuquerque, NM 87108  LIGATION OF WELL (REGOT JOSTICO CLERRY) and in accordance with any State requirements.)  4 DISTANCE IN MILES AND DIRECTION FROM MEAREST TOWN OR POST OFFICE*  15 miles west-southwest of Lindrith, New Mexico  10 DISTANCE FOOT PROPAGED  15 miles west-southwest of Lindrith, New Mexico  10 DISTANCE FOOT PROPAGED  15 miles west-southwest of Lindrith, New Mexico  10 DISTANCE FOOT PROPAGED  10 DISTANCE FOOT PROPAGED  10 DISTANCE FOOT PROPAGED  10 DISTANCE FOOT PROPAGED  11 DISTANCE FOOT PROPAGED  12 DISTANCE FOOT PROPAGED  13 DISTANCE FOOT PROPAGED  14 DISTANCE IN MILES AND DIRECTION FROM MEAREST TOWN OR POST OFFICE*  15 miles west-southwest of Lindrith, New Mexic  16 DISTANCE FOOT PROPAGED  17 No. OF ACRES ASSISSED  18 PROPOSED DESTIN BELLING  19 PROPOSED DESTINATION OF ACRES IN LEASE  10 PROPOSED CASING AND CEMESTING PROGRAM  10 PROPOSED DESTINATION OF ACRES IN LEASE  17 No. OF ACRES ASSISSED  17 No. OF ACRES ASSISSED  17 No. OF ACRES ASSISSED  18 PROPOSED DESTINATION OF ACRES IN LEASE  19 PROPOSED DESTINATION OF ACRES IN LEASE  10 PROPOSED DESTINATION OF ACRES IN LEASE  11 No. OF ACRES ASSISTED  10 PROPOSED DESTINATION OF ACRES IN LEASE  11 No. OF ACRES ASSISTED  12 No. OF ACRES IN SECURITY OF ACRES IN LEASE  12 No. OF ACRES IN SECURITY OF ACRES IN LEASE  12 No. OF ACRES IN LEASE  13 NO. OF ACRES IN LEASE  14 No. OF ACRES IN LEASE  15 LINCRY IN LEASE  16 NO. OF ACRES IN LEASE  17 No. OF ACRES IN LEASE  17 No. OF ACRES IN LEASE  17 No. OF ACRES IN LEASE  18 DESTINATION OF ACRES IN LEASE  19 PROPOSED DESTINATION OF ACRES IN LEASE  10 PROPOSED DESTINATION OF ACRES IN LEASE  10 PROPOSED DESTINATION OF AC	WELL X WI				ZONE	LXI	<b>-</b>		
Disquerque, NM 87108  Indexity and in accordance with any State requirements.*)  Unit 'D', Section 12, T23N, R4W  In From Nearest town or Post Office*  East of Lindrith, New Mexico  In from unit line  2560  If the Auriba  17. No. OF ACRES ABSIONED  TO THIS WELL  40  17. No. OF ACRES ABSIONED  TO THIS WELL  40  18. STATE  New Mexico  I from unit line  2560  Rotary  19. PROPOSED DEFTH  1300'  ROTATIBA  19. PROPOSED DEFTH  1300'  ROTATIBA  10. PROPOSED CASING AND CEMBRITHS PROGRAM  PROPOSED CASING AND CEMBRITHS PROGRAM  SOCIECT TO COMPLIANCE AND WILL START*  6/30/90  PROPOSED CASING AND CEMBRITHS PROGRAM  SOCIECT TO COMPLIANCE AND WILL START*  1/2"  11.60# (N-80)  7640'  12. APPROX. DATE WORK WILL START*  6/30/90  PROPOSED CASING AND CEMBRITHS PROGRAM  SOCIECT TO COMPLIANCE AND WILL START*  1/2"  11.60# (N-80)  7640'  1st stage: 850 sks (1200 cf)  50/50 pozmix  2nd stage: 550 sks (1177 cf)  65/35 pozmix  50 sks (59 cf) Class  B Cement  17. No. OF ACRES ABSIONED  17. No. OF ACRES ABSIONED  18. STATE  New Mexico  ROTATIBA  New Mexico  19. PROPOSED CASING AND CEMBRITHS PROGRAM  SOCIECT TO COMPLIANCE AND WILL START*  10. STATE WORK WILL START*  11. SEC., T., M., OS BLE.  12. APPROX. DATE WILL START  12. STATE  New Mexico  ROTATIBA  New Mexico  16. No. OF ACRES ABSIONED  17. No. OF ACRES ABSIONED  17. No. OF ACRES ABSIONED  12. APPROX. DATE WORK WILL START*  12. APPROX. DATE WORK WILL START*  13. STATE  New Mexico  ROTATIBA  12. COUNTY OF ACRES  New Mexico  ROTATIBA  12. COUNTY OF ACRES  New Mexico  ROTATIBA  New Mexico  16. No. OF ACRES ABSONED  12. APPROX. DATE WORK WILL START*  17. No. OF ACRES ABSONED  12. APPROX. DATE WORK WILL START*  18. TATE  12. COUNTY OF ACRES ABSONED  12. APPROX. DATE WORK WILL START*  12. APPROX. DATE WORK WILL START*  13. STATE  14. AND ACRES ABSONED  12. APPROX. DATE WORK WILL START*  14. TO NO. OF ACRES ABSONED  12. APPROX. DATE WORK WILL START*  18. TATE  12. APPROX. DATE WORK WILL START*  19. ACRES AND ACRE	313 Washington SE, Albuquerque, NM 87108   30 (API# 30 '059 24351)   315 Washington SE, Albuquerque, NM 87108   30 (API# 30 '059 24351)   315 Washington SE, Albuquerque, NM 87108   315 Washington SE, Albuquerquerquerquerquerquerquerquerquerque		Two						bal Cont. #	
10. FIELD AND FOOL, OR WILDCAT   10. FIELD AND FOOL, OR WILDCAT   11. SEC., H., M., OR BLE.   12. COUNTY OR PARISH   13. STATE   13. COUNTY OR PARISH   13. STATE   13. COUNTY OR PARISH   13. STATE   13. STAT	313 Washington SE, Albuquerque, NM 87108  1. LOCATION OF WELL (REGORT) location clearly and in accordance with any State requirements.*)  429' FWL 6.028' FNL, Unit 'D', Section 12, T23N, R4W  At proposed prod. some  4. DIRTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR FOST OFFICE*  15 miles west—southwest of Lindrith, New Mexico  10. DIRTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR FOST OFFICE*  10. DIRTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR FOST OFFICE*  11. SEC. T. M., OR BLE.  At proposed prod. some  12. COUNT OR PARISH 18. STATE  13. NO. OF ACESS ASSIGNED  14. NO. OF ACESS ASSIGNED  15. DIRTANCE FROM PROPOSED LOCATION'S TOWN OR ACESS IN LEASE  16. DIRTANCE FROM PROPOSED LOCATION'S TOWN OR ACESS IN LEASE  17. NO. OF ACESS ASSIGNED  18. DIRTANCE FROM PROPOSED LOCATION'S TOWN OR ACESS IN LEASE  19. PROPOSED CASING AND CEMERATING PROGRAM  19. PROPOSED DEPTH  20. ROTART OR CASES ASSIGNED  20. ROTART OR CASE	Chace Oll Com	pany, Inc.		_	····	<del></del>	30 ( <del>APT# 30-</del>	<del>1139 2/35</del> 11	
Unit 'D', Section 12, T23N, R4W    S. Lindrith Gallup-Dakota	At proposed prod. some  4. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*  15. miles west—southwest of Lindrith, New Mexico  10. DISTANCE FROM FROPOSED*  17. No. OF ACRES IN LEASE  18. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*  15. miles west—southwest of Lindrith, New Mexico  10. DISTANCE FROM FROPOSED*  17. No. OF ACRES AND SUBVEY OR AREA  18. DISTANCE FROM FROPOSED*  19. PROPOSED DEPTH  10. OF ACRES AND SUBVEY OR AREA  18. DISTANCE FROM PROPOSED*  19. PROPOSED DEPTH  20. ROTATION OR CARLE ASSIGNABLY  10. APPLIED FOR WITH AND STREET OR CARLE TOOLS  10. APPLIED FOR WITH ALLES AND THE ACRES TO THIS WELL  10. APPLIED FOR WITH ALLES AND STREET OR AND STREET OR AND STREET OR CARLE TOOLS  10. APPLIED FOR WITH ALLES AND STREET OR CARLE TOOLS  10. APPLIED FOR WITH ALLES AND STREET OR AND STREET OR CARLE ASSIGNABLY  11. AND STREET OR CARLE ASSIGNABLY  12. COUNT OR PARISHER   18. STREET OR AND STREET OR AND STREET OR AND STREET OR CARLE ASSIGNABLY  18. DISTANCE FROM FROPOSED DEPTH  19. PROPOSED DEPTH  20. ROTATIONS CARLE ASSIGNABLY OR AND STREET OR CARLE ASSIGNABLY  22. APPROX. DATE WORK WILL STREET  24. OF ACRES ASSIGNABLY  24. APPROX. DATE WORK WILL STREET  25. DATE OF ACRES ASSIGNABLY  26. APPROX. DATE WORK WILL STREET  27. APPROX. DATE WORK WILL STREET  28. DECENT OR COMPLIANCE WITH ALTACHED  SIZE OF HOLE  SIZE OF HOLE  SIZE OF HOLE  SIZE OF ASSIGNABLY  24. (J-55)  25. 17. No. OF ACRES ASSIGNABLY  26. APPROX. DATE WORK WILL STREET  27. NO. OF ACRES ASSIGNABLY  27. NO. OF ACRES ASSIGNABLY  28. DEFECT. A. W. M. MEXICO  26. APPROX. DATE WORK WILL STREET  AND SURVEY.  20. APPROX. DATE WORK WILL STREET  AND SURVEY.  22. APPROX. DATE WORK WILL STREET  23. APPROX. DATE WORK WILL STREET  24. T. NO. OF ACRES ASSIGNABLY  25. APPROX. DATE WORK WILL STREET  AND SURVEY.  26. APPROX. DATE WORK WILL STREET  AND SURVEY.  27. NO. OF ACRES ASSIGNABLY  28. CALL TO NO. OF ACRES IN LEASE  29. APPROX. DATE WORK WILL STREET  AND SURVEY.  20. APPROX. DATE WORK WILL STREET  AND SURVEY.  20. APPROX		n CE Albumiaro	mi⇔ NM 971	108					
Unit 'D', Section 12, T23N, R4W    Table   Tab	At proposed prod. some  4. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR FOST OFFICE'  15 miles west-southwest of Lindrith, New Mexico  10. DISTANCE FROM PROPOSED LOCATION' TO NEAREST WELL, DRILLING, CONFERENCE TO N	LOCATION OF WELL (Re	port location clearly and	in accordance wit	h any Sta	te requirements.*)		S Lindrith Ga	llup-Dakota	
PROPOSED CASING AND CEMENTING PROGRAM  PROPOSED CASING AND CEMENTING PROGRAM  CASING WEIGHT PER POOT SETTING DEPTH ("GENERAL UNDURFREST NOT SETTING DEPTH ("GENERAL UNDUFFREST	4. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*  15 miles west—southwest of Lindrith, New Mexico  16. NO. OF ACRES IN LEASE  17. NO. OF ACRES ASSIGNED  18. DISTANCE FROM PROPOSED*  19. SIET ON FROM PROPOSED*  19. PROPOSED LOCATION*  19. PROPOSED DEFTH  19. PROPOSED DEFTH  10. ROLL  10	At surface						11. SEC., T., B., M., OR	BLK.	
PROPOSED CASING AND CEMENTING PERFORM  CASING WEIGHT PER POOT  5/8"  24# (J-55)  11.60# (N-80)  7640'  12. COUNTY OR PARISH 13. FATE  RIO ARTIST  RIO ARTIST  17. NO. OF ACRES ASSIGNED  TO THIS WELL  40  17. NO. OF ACRES ASSIGNED  17. NO. OF ACRES ASSIGNED  TO THIS WELL  40  18. PROPOSED DEPTH  20. ROTATION DATE WORK WILL START*  6/30/90  PROPOSED CASING AND CEMENTING PROGRAM  CASING WEIGHT PER POOT  5/8"  24# (J-55)  225'  170 sks (220 cf) Class B cement  1/2"  11.60# (N-80)  7640'  1st stage: 850 sks (1200 cf)  50/50 pozmix  2nd stage: 550 sks (1177 cf)  65/35 pozmix  50 sks (59 cf) Class  B Cement  " surface hole. Set 225' of 8 5/8" casing. Cement to surface with  ent. Using a water base mud and Schaeffer 5000# standard doublegate  7 7/8" hole to 7640' to test the Dakota formation. Logging program:  , SP, FDC-CNL from TD to surface. Casing program: (see attached)  2693' Point Lookout 5238' Dakota "A" 7344'  3108' Gallup 5938' Dakota "D" 7484'	1. STANCE IN MILES AND DIRECTION FROM MARKET TOWN OR FORT OFFICES   12. COUNTY OF PARES   13. STATE   15. TILES WEST—SOUTHWEST OF LINGTITUS   16. NO. OF ACRES IN LEASE   17. NO. OF ACRES ASSIGNED   18. STATE			o', Section	12, T	23N, K4W		1 / 0		
PROPOSED CASING AND CEMENTING PERFORM  CASING WEIGHT PER POOT  5/8"  24# (J-55)  11.60# (N-80)  7640'  12. COUNTY OR PARISH 13. FATE  RIO ARTIST  RIO ARTIST  17. NO. OF ACRES ASSIGNED  TO THIS WELL  40  17. NO. OF ACRES ASSIGNED  17. NO. OF ACRES ASSIGNED  TO THIS WELL  40  18. PROPOSED DEPTH  20. ROTATION DATE WORK WILL START*  6/30/90  PROPOSED CASING AND CEMENTING PROGRAM  CASING WEIGHT PER POOT  5/8"  24# (J-55)  225'  170 sks (220 cf) Class B cement  1/2"  11.60# (N-80)  7640'  1st stage: 850 sks (1200 cf)  50/50 pozmix  2nd stage: 550 sks (1177 cf)  65/35 pozmix  50 sks (59 cf) Class  B Cement  " surface hole. Set 225' of 8 5/8" casing. Cement to surface with  ent. Using a water base mud and Schaeffer 5000# standard doublegate  7 7/8" hole to 7640' to test the Dakota formation. Logging program:  , SP, FDC-CNL from TD to surface. Casing program: (see attached)  2693' Point Lookout 5238' Dakota "A" 7344'  3108' Gallup 5938' Dakota "D" 7484'	1. STANCE IN MILES AND DIRECTION FROM MARREY TOWN OR FORT OFFICES   12. COUNTY OF PARES   13. STATE   15. TILL   15. TI	At proposed prod. son	•					THE WAY	, RAW	
From lease line   16. No. OF ACRES IN LEASE   17. No. OF ACRES ASSIGNED   76 Prints well   40   40   40   40   40   40   40	D. DITANCE FROM PROPERTY   938   from lease line   16. No. of ACRES IN LEASE   17. No. of ACRES ASSIONED TO THIS WELL.   40   40   40   40   40   40   40   4						-	12. COUNTY OR PARIS	H 13. STATE	
19. PROPOSED DEPTH   20. ROTARY OF CABLE TOOLS   1300'   7640'   Rotary   22. APPROX. DATE WORK WILL START'   6/30/90   PROFOSED CASING AND CEMENTING PROGRAM   SUBJECT TO COMPLIANCE WITH ATTACHED   170 sks (220 cf) Class B cement   15/8"   24# (J-55)   225'   170 sks (220 cf) Class B cement   15/8"   24# (J-55)   225'   170 sks (220 cf) Class B cement   15/35 pozmix   2nd stage: 850 sks (1200 cf)   50/50 pozmix   2nd stage: 550 sks (1177 cf)   65/35 pozmix   50 sks (59 cf) Class B Cement   170 stage   180 stage   1	19. PROPOSED DEFTH   20. ROTART OF CABLE TOOLS   19. PROPOSED DEFTH   1300'   7640'   ROTART OF CABLET WELL, DEFLICITIONS (Show whether DF, RT, GR, etc.)   7430' GR							<u>'                                      </u>	New Mexic	
19. PROPOSED DEPTH   20. ROTARY OF CABLE TOOLS   1300'   7640'   Rotary   22. APPROX. DATE WORK WILL START'   6/30/90   PROFOSED CASING AND CEMENTING PROGRAM   SUBJECT TO COMPLIANCE WITH ATTACHED   170 sks (220 cf) Class B cement   15/8"   24# (J-55)   225'   170 sks (220 cf) Class B cement   15/8"   24# (J-55)   225'   170 sks (220 cf) Class B cement   15/35 pozmix   2nd stage: 850 sks (1200 cf)   50/50 pozmix   2nd stage: 550 sks (1177 cf)   65/35 pozmix   50 sks (59 cf) Class B Cement   170 stage   180 stage   1	19. PROPOSED DEFTH   20. ROTART OF CABLE TOOLS   19. PROPOSED DEFTH   1300'   7640'   ROTART OF CABLET WELL, DEFLICITIONS (Show whether DF, RT, GR, etc.)   7430' GR	5. DISTANCE FROM PROPU LOCATION TO NEAREST	938' from ]	lease line	16. NO.			HIS WELL		
19. PROPOSED DEPTH   20. ROTARY OF CABLE TOOLS   1300'   7640'   Rotary   22. APPROX. DATE WORK WILL START'   6/30/90   PROFOSED CASING AND CEMENTING PROGRAM   SUBJECT TO COMPLIANCE WITH ATTACHED   170 sks (220 cf) Class B cement   15/8"   24# (J-55)   225'   170 sks (220 cf) Class B cement   15/8"   24# (J-55)   225'   170 sks (220 cf) Class B cement   15/35 pozmix   2nd stage: 850 sks (1200 cf)   50/50 pozmix   2nd stage: 550 sks (1177 cf)   65/35 pozmix   50 sks (59 cf) Class B Cement   170 stage   180 stage   1	19. PROPOSED DEFTH   20. ROTART OF CABLE TOOLS   19. PROPOSED DEFTH   1300'   7640'   ROTART OF CABLET WELL, DEFLICITIONS (Show whether DF, RT, GR, etc.)   7430' GR	PROPERTY OR LEASE L (Also to nearest drig	INE, FT. 429 TYOM: unit line, if any)	unit line	i	2560				
1300' 7640' Rotary  7430' GR  PROFOSED CASING AND CEMERTING PROGRAM  SUBJECT TO COMPLIANCE WITH ATTACHED  CASING WEIGHT PER FOOT SETTING DEPTH "GENERAL CHANGE WITH ATTACHED  5/8" 24# (J-55) 225' 170 sks (220 cf) Class B cement  1/2" 11.60# (N-80) 7640' 1st stage: 850 sks (1200 cf)  50/50 pozmix  2nd stage: 550 sks (1177 cf)  65/35 pozmix  50 sks (59 cf) Class  B Cement  "surface hole. Set 225' of 8 5/8" casing. Cement to surface with  ent. Using a water base mud and Schaeffer 5000# standard doublegate  7 7/8" hole to 7640' to test the Dakota formation. Logging program:  SP, FDC-CNL from TD to surface. Casing program: (see attached)  2693' Point Lookout 5238' Dakota "A" 7344'  3108' Gallup 5938' Dakota "D" 7484'	1300   7640   Rotary   22. APPROX. DATE WORK WILL START   7430   GR	S. DISTANCE FROM PROP	OSED LOCATION®		19. PROP	OSED DEPTH	20. ROT.	ART OR CABLE TOOLS		
PROPOSED CASING AND CEMENTING PROGRAM  CASING WEIGHT PER FOOT SETTING DEPTH "GENERAL PURPLE METH ATTACHED TO SKS (220 cf) Class B cement 1/2" 11.60# (N-80) 7640' 1st stage: 850 sks (1200 cf) 50/50 pozmix  2nd stage: 550 sks (1177 cf) 65/35 pozmix  50 sks (59 cf) Class B Cement To Surface hole. Set 225' of 8 5/8" casing. Cement to surface with ent. Using a water base mud and Schaeffer 5000# standard doublegate 7 7/8" hole to 7640' to test the Dakota formation. Logging program: , SP, FDC-CNL from TD to surface. Casing program: (see attached)  2693' Point Lookout 5238' Dakota "A" 7344' 3108' Gallup 5938' Dakota "D" 7484'	TA30' GR	OR APPLIED FOR, ON THE	S LEASE, FT.	1300'		7640 <b>'</b>				
PROFOSED CASING AND CEMERTING PROGRAM  CASING WEIGHT PER FOOT SETTING DEPTH "GENERAL THROUGH PROGRAM"  5/8" 24# (J-55) 225' 170 sks (220 cf) Class B cement 1/2" 11.60# (N-80) 7640' 1st stage: 850 sks (1200 cf) 50/50 pozmix  2nd stage: 550 sks (1177 cf) 65/35 pozmix  50 sks (59 cf) Class B Cement 1/2" surface hole. Set 225' of 8 5/8" casing. Cement to surface with 1/2" hole to 7640' to test the Dakota formation. Logging program: , SP, FDC-CNL from TD to surface. Casing program: (see attached)  2693' Point Lookout 5238' Dakota "A" 7344' 3108' Gallup 5938' Dakota "D" 7484'	3. PROFOSED CASING AND CEMERTING PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER POOT SETTING DEPTH "CENERAL UNDER PROFESSION WITH ATTACHED SUBJECT TO COMPLIANCE WITH ATTACHED 12 1/4" 8 5/8" 24# (J-55) 225' 170 sks (220 cf) Class B cemer 7 7/8" 4 1/2" 11.60# (N-80) 7640' 1st stage: 850 sks (1200 cf) 50/50 pozmix 2nd stage: 550 sks (1177 cf) 65/35 pozmix 50 sks (59 cf) Class B Cement Drill 230' of 12 1/4" surface hole. Set 225' of 8 5/8" casing. Cement to surface with 170 sks (220 cf) cement. Using a water base mud and Schaeffer 5000# standard doublegate hydraulic BOP, drill 7 7/8" hole to 7640' to test the Dakota formation. Logging program Run Dil, Caliper, GR, SP, FDC-CNL from TD to surface. Casing program: (see attached page two.)  Estimated tops:  Ojo Alamo 2693' Point Lookout 5238' Dakota "A" 7344' Picture Cliffs 3108' Gallup 5938' Dakota "D" 7484' Chacra 3458' Tocito 6950' Burro Canyon 7588'	1. ELEVATIONS (Show who		. This estion is	1 50 F (00)	Contraction of series				
SUBJECT TO COMPLIANCE WITH ATTACHED  CASING WEIGHT PER POOT SETTING DEPTH "GENERAL QUANTUM PREMISTS.  5/8" 24# (J-55) 225' 170 sks (220 cf) Class B cement  1/2" 11.60# (N-80) 7640' 1st stage: 850 sks (1200 cf)  50/50 pozmix  2nd stage: 550 sks (1177 cf)  65/35 pozmix  50 sks (59 cf) Class  B Cement  "surface hole. Set 225' of 8 5/8" casing. Cement to surface with  ent. Using a water base mud and Schaeffer 5000# standard doublegate  7 7/8" hole to 7640' to test the Dakota formation. Logging program:  , SP, FDC-CNL from TD to surface. Casing program: (see attached)  2693' Point Lookout 5238' Dakota "A" 7344'  3108' Gallup 5938' Dakota "D" 7484'	SIZE OF HOLE   SIZE OF CASING   WEIGHT PER FOOT   SETTING DEPTH   "GENERAL QUANTUM FROMENTS"			<b>3</b>	<u> بنت تدری</u>	er a to all to a	H <b>€</b> ₹ + DRH			
SETTING DEPTH   "GENERAL PROTHER FOOT   SETTING DEPTH   "GENERAL PROTHER PRO	SIZE OF HOLE   SIZE OF CASING   WEIGHT PER FOOT   SETTING DEPTH   "GENERAL PARTITION PROPERTIES"	3.	I	PROPOSED CASIN	G AND	CEMENTING PROGI				
170 sks (220 cf) Class B cement   170 sks (220 cf) Class B cement   170 sks (220 cf) Class B cement   180 sks (1200 cf)   18	12 1/4" 8 5/8" 24# (J-55) 225' 170 sks (220 cf) Class B cemer 7 7/8" 4 1/2" 11.60# (N-80) 7640' 1st stage: 850 sks (1200 cf) 50/50 pozmix 2nd stage: 550 sks (1177 cf) 65/35 pozmix 50 sks (59 cf) Class B Cement 50/50 sks (1200 cf) class B Cement 50/50 sks (1200 cf) class B Cement 50 sks (59 cf) class B Cement 50/50 sks (1200 cf) class Cement 50/50 sks (	SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	оот	SETTING DEPTH				
50/50 pozmix 2nd stage: 550 sks (ll77 cf) 65/35 pozmix 50 sks (59 cf) Clas B Cement  "surface hole. Set 225' of 8 5/8" casing. Cement to surface with ent. Using a water base mud and Schaeffer 5000# standard doublegate 7 7/8" hole to 7640' to test the Dakota formation. Logging program: , SP, FDC-CNL from TD to surface. Casing program: (see attached  2693' Point Lookout 5238' Dakota "A" 7344' 3108' Gallup 5938' Dakota "D" 7484'	50/50 pozmix 2nd stage: 550 sks (1177 cf) 65/35 pozmix 50 sks (59 cf) Cla B Cement  Drill 230' of 12 1/4" surface hole. Set 225' of 8 5/8" casing. Cement to surface with 170 sks (220 cf) cement. Using a water base mud and Schaeffer 5000# standard doublegate hydraulic BOP, drill 7 7/8" hole to 7640' to test the Dakota formation. Logging program. Run Dil, Caliper, GR, SP, FDC-CNL from TD to surface. Casing program: (see attached page two.) Estimated tops: Ojo Alamo 2693' Point Lookout 5238' Dakota "A" 7344' Picture Cliffs 3108' Gallup 5938' Dakota "D" 7484' Chacra 3458' Tocito 6950' Burro Canyon 7588'	12 1/4"	8 5/8"	24# (3	J-55) 225'					
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7 7/8" hole to 7640' to test the Dakota formation. Logging program: , SP, FDC-CNL from TD to surface. Casing program: (see attached  2693' Point Lookout 5238' Dakota "A" 7344' 3108' Gallup 5938' Dakota "D" 7484'	hydraulic BOP, drill 7 7/8" hole to 7640' to test the Dakota formation. Logging program. Run Dil, Caliper, GR, SP, FDC-CNL from TD to surface. Casing program: (see attached page two.)  Estimated tops:  Ojo Alamo 2693' Point Lookout 5238' Dakota "A" 7344'  Picture Cliffs 3108' Gallup 5938' Dakota "D" 7484'  Chacra 3458' Tocito 6950' Burro Canyon 7588'	170 sks (220	cf) cement. Us	sing a wate	r base	mud and Scha	effer '	5000# standard	doublegate	
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	Cliff House 4658' Greennorn 7253'							Burro Canyon	7588'	
4658' Greennorn 7253'		Cliff House	e 4658'	Gre	eennor	n 7253	3'			
	IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new page. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give	page two.) Estimated top Ojo Alamo Picture Cli Chacra Cliff House	2693' .ffs 3108' .3458' .4658'	Po: Ga: Too Gre	int Loc llup cito eenhor	okout 5238 5938 6950 n 7253	3' I 3' I 3' I	Dakota "A" Dakota "D" Burro Canyon	734 748 758	
ROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive sen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout			1 1 1	<u> </u>					<del>-</del> -	
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**UNITED STATES** 

NMOCD

\*See Instructions On Reverse Side



Jicarilla Apache 47-30 Application for Permit to Drill Page Two

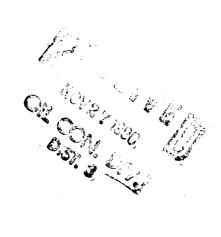
## Casing Program:

Run 7640' of 4 1/2", 11.60 lb/ft, N-80 LT&C casing. Guide shoe at 7640', differential fill float collar at 7598'. Cement stage tool at 3208'; casing centralizers at 7620', 7534', 7400', 7245', 7000', 6850', 6238', 6088', 5900', 3300', 3100'.

Cement first stage (7640' - 3208') with 850 sks (1200 cf), 50/50 pozmix, 2% gel, 6 1/4 lb/sk Gilsonite, 6 lb/sk salt. Rotate casing while cementing first stage. Circulate casing (3208' to surface) 3 hours with drilling mud before starting second stage.

Cement second stage casing (3208' - surface) with 550 sks (1177 cf) 65/35 pozmix, 6% gel, 12 1/4 lb/sk Gilsonite. Tail in with 50 sks (59 cf) Class B Neat cement.

First stage estimated cement top - 3208' Second stage estimated cement top -surface



330 060

OIL CONSERVATION DIVIDE ...

P. O. BOX 2088

Form C-102 Revised 10-1-78

## SANTA FE, NEW MEXICO 87501 ENERGY AND MINERALS DEPARTMENT

Ali diate	ces must be from the outer be	underles of the Section.							
CHACE OIL COMPA		ARILLA 4	7 Well No. 41-30						
Unit Letter Section Township D 12 23	NORTH 4 V	VEST RI	O ARRIBA						
Actual Footage Location of Well:	120	feet from the	WEST line						
Ground Level Elev. Producing Formation	Pool		Dedicated Acreage:						
7430 Gallup - Daka		indivith Gallup							
<ol> <li>Outline the acreage dedicated to the</li> <li>If more than one lease is dedicated interest and royalty).</li> </ol>									
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 consolidati	on							
If answer is "no," list the owners an	d tract descriptions whi	ch have actually been	n consolidated. (Use reverse side of						
this form if necessary.)  No allowable will be assigned to the w	ell until all interests ha	ive been consolidate	d (by communitization, unitization,						
forced-pooling, or otherwise) or until a	non-standard unit, elimi	nating such interests	, has been approved by the Division.						
		<b>— — — — — — — — — —</b>	CERTIFICATION						
	RE	CEIVED							
388	I hereby certify that the information con- tained herein is true and complete to the								
	FEB 1 3 1986 best								
429 •LOC.	BUREAU OF	LAND MANAGEMENT	Monte Anderson						
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	Ì	NOV2 7 1990 CON DIV.	Date Surveyed  1-21-86						
			Hegistered Protessional Engineer						
1	1		and/or Land Surveyor						
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