SANTA FE FILE U.S.G.S. LAND OFFICE OPERATOR  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  DEEPEN  B. Type of Work  DEEPEN  B. Proper of Work  DEEPEN  B. Proposed Depth S. Proposed Depth San Juan  19, Proposed Dep	ANTA FE    ILE	DISTRIBUTION							
FILE U.S.G.S. LAND OFFICE OPERATOR  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  In. Type of Work  DRILL  DEEPEN  DEEPEN  DEEPEN  DEEPEN  DEEPEN  PLUG BACK  7. Unit Agreement Name  Outpepper Martin  9. Well No.  12. Name of Operator  P. O. Drawer 570, Farmington, NM 87401  4. Location of Well  UNIT LETTER A  LOCATED 790  FEET FROM THE  NOTTH  AND  830  FEET FROM THE  DIA: Formation  19. Proposed Depth  19. Propos	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  Type of Work  Type of Well  OFFICE  OFF			NEW ME	EXICO OIL CONSE	RVATION COMMISSION	i I		i
U.S.G.S.  LAND OFFICE OPERATOR  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  7. Unit Agreement Name  8. Farm or Leage Name Operator Oper	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  Type of Work  Type of Work  Type of Well  OTHER  TOTH  PLUG BACK  RETT OF Lease Name  Oulpepper Martin  9, Well No.  #20  #20  #20  #20  #20  #20  #20  #2	SANTA FE					ſ		
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  1s. Type of Work  1s. Type of Work  DRILL	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  Type of Work  DRILL X  DEEPEN PLUG BACK  Type of Work  PLUG BACK  Type of Work  Name of Operator  Southland Royalty Company  Address of Operator  P. O. Drawer 570, Farmington, NM 87401  Location of Well Unit Letter A Located 790  FEET FROM THE East LINE OF SEC. 33 TWP. 32N Reg. 12W NAMPM  19, Proposed Depth 19A. Formation 20, Rotary or C.T.  Southland Royalty Company  Address of Operator  P. O. Drawer 570, Farmington, NM 87401  19, Proposed Depth 19A. Formation 20, Rotary or C.T.  San Juan  19, Proposed Depth 19A. Formation 20, Rotary or C.T.  San Juan  19, Proposed Depth 19A. Formation 20, Rotary or C.T.  Caddon' Pict. Cliffs Rotary  19, Proposed Depth 20, Rotary or C.T.  P. O. Drawer 570, Farmington, NM 87401  19, Proposed Depth 21, Rotary or C.T.  San Juan  19, Proposed Depth 21, Rotary or C.T.  P. O. Drawer 570, Farmington, NM 87401  19, Proposed Depth 22, Approx. Date Work will start September 30, 1980	FILE					ŀ		
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK    1a. Type of Work	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  Type of Work  Type of Work  DRILL X DEEPEN PLUG BACK  Type of Well  SINGLE X MULTIPLE  OTHER  OTHER  SINGLE X MULTIPLE  OTHER  OTHER  SINGLE X MULTIPLE  OTHER  OTHER  OTHER  SINGLE X MULTIPLE  OTHER  OTHER  OTHER  SINGLE X MULTIPLE  OTHER  OTHER  OTHER  OTHER  SINGLE X MULTIPLE  OTHER  OTHER  OTHER  OTHER  OTHER  SINGLE X MULTIPLE  OTHER  O	u.s.g.s.						.5. State Oil &	Gas Lease No.
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  1a. Type of Work  b. Type of Well  OLI SINGLE STONE SINGLE STONE SOUTHER  2. Name of Operator  Southland Royalty Company  3. Address of Operator  P. O. Drawer 570, Farmington, NM 87401  4. Location of Well  UNIT LETTER A LOCATED 790 FEET FROM THE East LINE OF SEC. 33 TWP. 32N REE. 12W NAME San Juan  19. Proposed Depth 19A. Formation 20. Rotary of C.T. Rotary  21. Elevations (Show whether DF, RT, etc.) 21A. Kind 6 Status Plug. Bond 21B. Drilling Contractor September 30, 1980  23. PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  Type of Work  DRILL   DEEPEN   DEEPEN   PLUG BACK   8. Farm or Lease Name Culpepper Martin  Name of Operator  Southland Royalty Company Address of Operator  P. O. Drawer 570, Farmington, NM 87401  Location of Well UNIT LETTER   A LOCATED 790 FEET FROM THE LINE  ND 830 FEET FROM THE East LINE OF SEC. 33 TWP. 32N REE: 12W NAMPM  12. County  San Juan  19. Proposed Depth 19.A. Formation 20. Rotary or C.T.  2630' Pict. Cliffs Rotary  1. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor  22. Approx. Date Work will start September 30, 1980	LAND OFFICE						_	
Is. Type of Work    DRILL     DEEPEN     PLUG BACK	Type of Work  Type of Well  OIL AS OTHER  OTHER  DEEPEN  DEEPEN  DEEPEN  PLUG BACK  8, Farm or Lease Name  Culpepper Martin  9, Well No.  #20  Southland Royalty Company  Address of Operator  P. O. Drawer 570, Farmington, NM 87401  Location of Well  UNIT LETTER  A LOCATED 790  FEET FROM THE  Bast Line of Sec. 33  TWP. 32N  Ref. 12W  NMPM  12. County  San Juan  19. Proposed Depth 19A. Formation  Pott. Cliffs  Rotary  19. Proposed Depth 19A. Formation  20. Rotary or C.T.  2630'  Pict. Cliffs  Rotary  10. Rotary or C.T.  2630'  Pict. Cliffs  Rotary  10. Rotary or C.T.  2630'  Pict. Cliffs  Rotary  10. Rotary or C.T.  20. Rotary or C.T.	OPERATOR						umm	THITTITITI THE
Is. Type of Work    DRILL     DEEPEN     PLUG BACK	Type of Work  Type of Well  OIL AS OTHER  OTHER  DEEPEN  DEEPEN  DEEPEN  PLUG BACK  8, Farm or Lease Name  Culpepper Martin  9, Well No.  #20  Southland Royalty Company  Address of Operator  P. O. Drawer 570, Farmington, NM 87401  Location of Well  UNIT LETTER  A LOCATED 790  FEET FROM THE  Bast Line of Sec. 33  TWP. 32N  Ref. 12W  NMPM  12. County  San Juan  19. Proposed Depth 19A. Formation  Pott. Cliffs  Rotary  19. Proposed Depth 19A. Formation  20. Rotary or C.T.  2630'  Pict. Cliffs  Rotary  10. Rotary or C.T.  2630'  Pict. Cliffs  Rotary  10. Rotary or C.T.  2630'  Pict. Cliffs  Rotary  10. Rotary or C.T.  20. Rotary or C.T.				DUL DEEDEN	OD DI LIC BACK	<del>[</del>		
DRILL X  DEEPEN DRILL X  DEEPEN BLOCK  B. Farm or Lease Name  Culpepper Martin  Quipepper Martin  Sunder Southland Royalty Company  3. Address of Operator  P. O. Drawer 570, Farmington, NM 87401  4. Location of Well  Unit Letter A  Located 790  FEET FROM THE North  AND 830  FEET FROM THE East  LINE OF SEC. 33  TWP. 32N  RGE. 12W  NMPM  12. County  San Juan  13. Proposed Depth  19A. Formation  20. Rotary of C.T.  2630'  Pict. Cliffs Rotary  21. Elevations (Show whether DF, RT, etc.)  21A. Kind & Status Plug. Bond  23.  PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE  SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	DRILL X  DEEPEN DEEPEN BLUG BACK B. Farm or Lease Name    Rough   Roug		N FOR PE	RMIT TO DE	RILL, DEEPEN,	UR PLUG BACK		7. Unit Agree	ement Name
b. Type of Well OIL WELL X OTHER  SINGLE X MULTIPLE CUIPEPPER MARTIN  2. Name of Operator  Southland Royalty Company  3. Address of Operator  P. O. Drawer 570, Farmington, NM 87401  4. Location of Well UNIT LETTER A LOCATED 790 FEET FROM THE NORTH  AND 830 FEET FROM THE East LINE OF SEC. 33 TWP. 32N REE. 12W NMPM  12. County San Juan  19. Proposed Depth 19A. Formation 20. Rotary or C.T. 2630' Pict. Cliffs Rotary  21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor 22. Approx. Date Work will start September 30, 1980  23. PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	Type of Well  OIL WELL OTHER  SINGLE X MULTIPLE 20NE 9, Farm of Lease Name  WELL X OTHER  SINGLE X MULTIPLE 20NE 9, Well No.  #20  #20  #20  #4. Field and Pool, or Wildcat 20NE  P. O. Drawer 570, Farmington, NM 87401  Location of Well Unit Letter A Located 790  #20  #20  #4. Field and Pool, or Wildcat 20NE  #20  #20  #4. Field and Pool, or Wildcat 20NE  #20  #20  #4. Field and Pool, or Wildcat 20NE  #20  #20  #20  #20  #20  #20  #20  #2	1a. Type of Work							
OIL WELL OTHER SINGLE X MULTIPLE ZONE X OTHER SINGLE X MULTIPLE ZONE X OIL DEPORT MATTIN  2. Name of Operator  Southland Royalty Company  3. Address of Operator  P. O. Drawer 570, Farmington, NM 87401  4. Location of Well  530  FEET FROM THE East  6037 FEET FROM THE FAST  6037 GR  21. Elevations (Show whether DF, RT, etc.)  22. Approx. Date Work will start Show Show Show Show Show Show Show Show	Name of Operator Southland Royalty Company  Address of Operator P. O. Drawer 570, Farmington, NM 87401  Location of Well UNIT LETTER A LOCATED 790  FEET FROM THE East LINE OF SEC. 33  TWP. 32N RGE. 12W NMPM  San Juan  19. Proposed Depth San Juan  20. Rotary or C.T. Rotary  22. Approx. Date Work will start September 30, 1980	DRILL X		D	EEPEN []	PLUG B	ACK 🔛	8. Farm or Le	ease Name
2. Name of Operator  Southland Royalty Company  3. Address of Operator  P. O. Drawer 570, Farmington, NM 87401  4. Location of Well  AND  AND  AND  AND  AND  AND  AND  A	Name of Operator Southland Royalty Company  Address of Operator P. O. Drawer 570, Farmington, NM 87401  Location of Well  ND 830  FEET FROM THE  East  Line of Sec. 33  TWP. 32N  Ref. 12W  NAMPM  12. County  San Juan  19. Proposed Depth  20. Rotary or C.T.  2630 Pict. Cliffs  Rotary  1. Elevations (Show whether DF, RT, etc.)  21A. Kind & Status Plug. Bond  21B. Drilling Contractor  22. Approx. Date Work will start  September 30, 1980		1			SINGLE X MULT	TIPLE 70NE	Culpeppe	r Martin —
Southland Royalty Company  3. Address of Operator P. O. Drawer 570, Farmington, NM 87401  4. Location of Well UNIT LETTER A LOCATED 790 FEET FROM THE NOrth AND 830 FEET FROM THE East LINE OF SEC. 33 TWP. 32N RGE. 12W NMPM San Juan  19. Proposed Depth San Juan  19. Proposed Depth 20. Rotary or C.T. 2630' Pict. Cliffs Rotary  21. Elevations (Show whether DF, RT, etc.) 21. Elevations (Show whether DF, RT, etc.) PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	Southland Royalty Company Address of Operator P. O. Drawer 570, Farmington, NM 87401 Location of Well UNIT LETTER A LOCATED 790 FEET FROM THE NOrth ND 830 FEET FROM THE East LINE OF SEC. 33 TWP. 32N RGE. 12W NMPM 12. County San Juan  19. Proposed Depth 19A. Formation Pict. Cliffs Rotary 1. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor 22. Approx. Date Work will start September 30, 1980		ј отні	ER		ZONE LIL	2012		
3. Address of Operator P. O. Drawer 570, Farmington, NM 87401  4. Location of Well AND BOOK FEET FROM THE BOOK OF SEC. 33 TWP. 32N RGE. 12W NMPM 12. County San Juan  19. Proposed Depth 19A. Formation 20. Rotary or C.T. 2630' Pict. Cliffs Rotary  21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor  22. Approx. Date Work will start September 30, 1980  23.  PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	Address of Operator P. O. Drawer 570, Farmington, NM 87401  Location of Well UNIT LETTER A LOCATED 790 FEET FROM THE NORTH LINE  ND 830 FEET FROM THE East LINE OF SEC. 33 TWP. 32N RGE. 12W NMPM 12. County  San Juan  19. Proposed Depth 19A. Formation 20. Rotary or C.T.  2630 Pict. Cliffs Rotary  1. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor September 30, 1980		Company						_
P. O. Drawer 570, Farmington, NM 87401  4. Location of Well  4. Location of Well  AND  830  FEET FROM THE  East  LINE OF SEC. 33  TWP. 32N  REE. 12W  NMPM  12. County  San Juan  19. Proposed Depth 2630 Pict. Cliffs  Rotary  21. Elevations (Show whether DF, RT, etc.)  22. Approx. Date Work will start September 30, 1980  23.  PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE  SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	P. O. Drawer 570, Farmington, NM 87401    Cocation of Well   UNIT LETTER   A   LOCATED   TOO   FEET FROM THE   North   LINE	3 Address of Operator	Company					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<b>6</b> 3 ·
4. Location of Well  AND  830  FEET FROM THE  East  LINE OF SEC. 33  TWP. 32N  RGE. 12W  NMPM  12. County  San Juan  19. Proposed Depth  20. Rotary or C.T.  2630  Pict. Cliffs  Rotary  21. Elevations (Show whether DF, RT, etc.)  22. Approx. Date Work will start  September 30, 1980	Location of Well  ND 830  FEET FROM THE East  LINE OF SEC. 33  TWP. 32N  RGE. 12W  NMPM  12. County  San Juan  19. Proposed Depth  20. Rotary or C.T.  2630'  Pict. Cliffs  Rotary  1. Elevations (Show whether DF, RT, etc.)  21A. Kind & Status Plug. Bond  21B. Drilling Contractor  22. Approx. Date Work will start  September 30, 1980		Farmingto	on. NIM 8	7401		٠	Banco P	ictured Cliffs
AND 830 FEET FROM THE East LINE OF SEC. 33 TWP. 32N RGE. 12W NMPM 12. County San Juan  19. Proposed Depth 19A. Formation 20. Rotary or C.T. 2630' Pict. Cliffs Rotary  21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor 22. Approx. Date Work will start September 30, 1980  23. PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	ND 830 FEET FROM THE East LINE OF SEC. 33 TWP. 32N RGE. 12W NMPM 12. County San Juan  19. Proposed Depth 19A. Formation Pict. Cliffs Rotary or C.T. Rotary  1. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor September 30, 1980	A Location of Well	Δ		790 /	North	LINE		
21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor September 30, 1980  PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	12. County San Juan  19. Proposed Depth 2630' Pict. Cliffs Rotary 19. Rotary 19. Proposed Depth 2630' Pict. Cliffs Rotary 19. Rotary 19. Proposed Depth 2630' Pict. Cliffs Rotary 19. Proposed Depth 19. Proposed Depth 2630' Pict. Cliffs Rotary 19. Proposed Depth 19. Proposed Dept	UNIT LETT	ER	LOCATI				<i>//////</i>	
21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor September 30, 1980  PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	12. County San Juan  19. Proposed Depth 2630' Pict. Cliffs Rotary 19. Rotary 19. Proposed Depth 2630' Pict. Cliffs Rotary 19. Rotary 19. Proposed Depth 2630' Pict. Cliffs Rotary 19. Proposed Depth 19. Proposed Depth 2630' Pict. Cliffs Rotary 19. Proposed Depth 19. Proposed Dept	830 /	THE East	t LINE O	of sec. 33	TWP. 32N / RGE. 12	W NMPM		61.XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor September 30, 1980  PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	19. Proposed Depth 19A. Formation 20. Rotary or C.T. 2630' Pict. Cliffs Rotary  1. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor September 30, 1980	Tillinnii Tillinii Tilli	THITT.	TITITI	THITTI				
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21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor 22. Approx. Date Work will start September 30, 1980  23.  PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	1. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor September 30, 1980	<i>HHHHHHH</i>	<i>HHHH</i>						
21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor 22. Approx. Date Work will start September 30, 1980  23.  PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	1. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor September 30, 1980	MINIMINI					7111111		20 Roterii or C.T
21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor September 30, 1980  23.  PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	1. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor 22. Approx. Date Work will start September 30, 1980	<i>HHHHHHH</i>	111111	HIIII		13.110	-		
21. Elevations (Show whether DF, RT, etc.)  September 30, 1980  23. PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	6037 GR September 30, 1980						Pict. C.		
23. PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	6037' GR	21. Elevations (Show whether D	F, RT, etc.)	21A. Kind &	Status Plug. Bond	21B. Drilling Contractor			
SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	PROPOSED CASING AND CEMENT PROGRAM	6037' GR						Septe	iber 30, 1300
SIZE OF HOLE   SIZE OF CASING   WEIGHT FER FOOT   SETTING BETTING		23.		PRO	OPOSED CASING AN	D CEMENT PROGRAM			
SIZE OF HOLE   SIZE OF CASING   WEIGHT FER FOOT   SETTING BETTING	EST. TOP								
- 1401 100 cy Surface	SIZE OF HOLE   SIZE OF CASING   WEIGHT FER FOOT   SETTING BELL IN				WEIGHT DED FOO	T CETTING DEPTH	SACKSO	FCEMENT	I EST. TOP
12 1/4" 8 3/8" 5 # 2630' 285 sx Oio Alamo	1401 100 cm Surface					<del></del>			
$\frac{63/4"}{11-\frac{1}{2}}$	12 1/4" 8 5/8" 24# 140' 100 sx Surface	12 1/4"	8 5/	8"	24#	140'	100 -285	SX	Surface Oio Alamo
1 Sufficient " Circulate	12 1/4" 8 5/8" 24# 140' 100 sx Surface	12 1/4"	8 5/	8"	24#	140'	100 -285	SX	Surface Oio Alamo
a S Franchion is Nasimiento	12 1/4" 8 5/8" 24# 140' 100 sx Surface	12 1/4"	8 5/	8"	24#	140'	100 -285	SX	Surface Oio Alamo
Surface formation is nathletico.	12 1/4" 8 5/8" 24# 140' 100 sx Surface 6 3/4" 2 7/8" 6.5# 2630' 285 sx Ojo Alamo  sufficient to circulate	12 1/4" 6 3/4"	8 5/ 2 7/	8"	24#	140'	100 -285	SX	Surface Oio Alamo
Top of Ojo Alamb Sand is at 2472'	12 1/4" 8 5/8" 24# 140' 100 sx Surface 6 3/4" 2 7/8" 6.5# 2630' 285 sx Oje Alamo  Surface formation is Nacimiento.	12 1/4" 6 3/4" Surface formation	8 5/ 2 7/ is Nacim	8" 8" niento.	24#	140'	100 -285	SX	Surface Oio Alamo
Top of Pictured Cillis said is at 2472.	12 1/4" 8 5/8" 24# 140' 100 sx Surface 6 3/4" 2 7/8" 6.5# 2630' 285 sx Ojo Alamo  Surface formation is Nacimiento. Top of Ojo Alamo sand is at 1300'.	12 1/4" 6 3/4"  Surface formation Top of Ojo Alamo	8 5/ 2 7/ is Nacim	8" 8" niento.	24# 6.5#	140'	100 -285	SX	Surface Oio Alamo
Fresh water mud will be used to drill room stated by will be run at total depth.	12 1/4" 8 5/8" 24# 140' 100 sx Surface 6 3/4" 2 7/8" 6.5# 2630' 285 sx Ojo Alamo Surface formation is Nacimiento. Top of Ojo Alamo sand is at 1300'. Top of Pictured Cliffs sand is at 2472'.	12 1/4" 6 3/4"  Surface formation Top of Ojo Alamo s	8 5/ 2 7/ is Nacim	8" "8"  miento. at 1300'. ad is at 2	24# 6.5# 2472'.	140' 2630'	100 - <del>285</del> suffe	SX	Surface Oio Alamo
No absorbed procedures or poisonous cases are anticipated in this well.	12 1/4" 8 5/8" 24# 140' 100 sx Surface 6 3/4" 2 7/8" 6.5# 2630' 285 sx Ojo Alamo Surface formation is Nacimiento. Top of Ojo Alamo sand is at 1300'. Top of Pictured Cliffs sand is at 2472'. The observation and will be used to drill from surface to total depth.	12 1/4" 6 3/4"  Surface formation Top of Ojo Alamo s Top of Pictured C	is Nacim	niento.  at 1300'.  ad is at 2	24# 6.5# 2472'.	140' 2630'	100 -285 21 ft	sx in to	Surface Oio Alamo
No abnormal pressures of poisonous gases are therefore March 31, 1981. This depends on	12 1/4" 8 5/8" 24# 140' 100 sx Surface 6 3/4" 2 7/8" 6.5# 2630'  Surface formation is Nacimiento. Top of Ojo Alamo sand is at 1300'. Top of Pictured Cliffs sand is at 2472'. Fresh water mud will be used to drill from surface to total depth. The ice anticipated that an IES and a GR-Density log will be run at total depth.	12 1/4" 6 3/4"  Surface formation Top of Ojo Alamo S Top of Pictured C Fresh water mud w	is Nacim sand is a liffs san ill be us	niento.  at 1300'.  ad is at 2  sed to dri	24# 6.5#  2472'. ill from surf	140' 2630'  ace to total deploy will be run	100 -285 sufficient	sx sx to	Surface Oio Alamo
time required for approvals, rig availability and the weather.	12 1/4" 8 5/8" 24# 140' 100 sx Surface 6 3/4" 2 7/8" 6.5# 2630'  Surface formation is Nacimiento. Top of Ojo Alamo sand is at 1300'. Top of Pictured Cliffs sand is at 2472'. Fresh water mud will be used to drill from surface to total depth. It is anticipated that an IES and a GR-Density log will be run at total depth.  Na absormal procesures or poisonous gases are anticipated in this well.	12 1/4" 6 3/4"  Surface formation Top of Ojo Alamo s Top of Pictured C Fresh water mud w It is anticipated	is Nacimus and is a liffs samill be us that an	iento.  it 1300'.  id is at 2  sed to dri  IES and a	24# 6.5#  2472'. ill from surf a GR-Density cases are an	140' 2630'  ace to total deploy will be run	oth. at tota	sx sx to	Surface Ojo Alamo curculate
Cas is dedicated. Approval VALID	12 1/4" 8 5/8" 24# 140' 100 sx Surface 6 3/4" 2 7/8" 6.5# 2630'  Surface formation is Nacimiento. Top of Ojo Alamo sand is at 1300'. Top of Pictured Cliffs sand is at 2472'. Fresh water mud will be used to drill from surface to total depth. It is anticipated that an IES and a GR-Density log will be run at total depth. No abnormal pressures or poisonous gases are anticipated in this well. It is expected that this well will be drilled before March 31, 1981. This depends on	12 1/4" 6 3/4"  Surface formation Top of Ojo Alamo s Top of Pictured C. Fresh water mud w It is anticipated No abnormal press This expected the	is Nacim sand is a liffs san ill be us that an ures or p	iento.  it 1300'.  d is at 2  sed to dri  IES and a  poisonous  sell will	24# 6.5#  2472'. ill from surf a GR-Density gases are an	ace to total deploy will be run tricipated in the	oth. at tota	sx sx to	Surface Ojo Alamo curculate
TOP GO DAYS UNLESS	12 1/4" 8 5/8" 24# 140' 100 sx Surface 0 jo Alamo Surface formation is Nacimiento. Top of Ojo Alamo sand is at 1300'. Top of Pictured Cliffs sand is at 2472'. Fresh water mud will be used to drill from surface to total depth. It is anticipated that an IES and a GR-Density log will be run at total depth. No abnormal pressures or poisonous gases are anticipated in this well. It is expected that this well will be drilled before March 31, 1981. This depends on time required for approvals, rig availability and the weather.	12 1/4" 6 3/4"  Surface formation Top of Ojo Alamo s Top of Pictured C Fresh water mud w It is anticipated No abnormal press It is expected the time required for	is Nacim sand is a liffs san ill be us that an ures or p	niento. at 1300'. ad is at 2 sed to dri IES and a poisonous well will as, rig av	24# 6.5#  2472'. ill from surf a GR-Density gases are an be drilled k vailability a	ace to total deploy will be run tricipated in the	oth. at tota	sx sx to	Surface Ojo Alamo curculate
DOULING COMMENCED,	12 1/4" 8 5/8" 24# 140' 100 sx Surface 6 3/4" 2 7/8" 6.5# 2630'  Surface Oje Alamo Surface formation is Nacimiento. Top of Ojo Alamo sand is at 1300'. Top of Pictured Cliffs sand is at 2472'. Fresh water mud will be used to drill from surface to total depth. It is anticipated that an IES and a GR-Density log will be run at total depth. No abnormal pressures or poisonous gases are anticipated in this well. It is expected that this well will be drilled before March 31, 1981. This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.	12 1/4" 6 3/4"  Surface formation Top of Ojo Alamo s Top of Pictured C Fresh water mud w It is anticipated No abnormal press It is expected the time required for	is Nacimes and is a liffs sand is that an ares or pat this warproval	niento. at 1300'. ad is at 2 sed to dri IES and a poisonous well will as, rig av	24# 6.5#  2472'. ill from surf a GR-Density gases are an be drilled k vailability a	ace to total deploy will be run tricipated in the	oth. at tota	sx sx to	Surface Ojo Alamo curculate
AUG	12 1/4" 8 5/8" 24# 140' 100 sx Surface 6 3/4" 2 7/8" 6.5# 2630'  Surface Oje Alamo Surface formation is Nacimiento. Top of Ojo Alamo sand is at 1300'. Top of Pictured Cliffs sand is at 2472'. Fresh water mud will be used to drill from surface to total depth. It is anticipated that an IES and a GR-Density log will be run at total depth. No abnormal pressures or poisonous gases are anticipated in this well. It is expected that this well will be drilled before March 31, 1981. This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.  APPROVAL VALID FOR SO DAYS UNLESS	12 1/4" 6 3/4"  Surface formation Top of Ojo Alamo s Top of Pictured C Fresh water mud w It is anticipated No abnormal press It is expected the time required for	is Nacimes and is a liffs sand ill be use that an array are this we approval	niento.  at 1300'.  at is at 2  sed to dri  IES and a  coisonous  well will  s, rig av  APPROVALY  DR 90 DAYS	24# 6.5#  2472'. ill from surf a GR-Density gases are ar be drilled kvailability availability av	ace to total deploy will be run whicipated in the weather.	oth. at tota is well. , 1981.	I depth.	Surface Ojo Alamo curculate
	12 1/4" 8 5/8" 24# 140' 100 sx Surface 6 3/4" 2 7/8" 6.5# 2630'  Surface Oje Alamo Surface formation is Nacimiento. Top of Ojo Alamo sand is at 1300'. Top of Pictured Cliffs sand is at 2472'. Fresh water mud will be used to drill from surface to total depth. It is anticipated that an IES and a GR-Density log will be run at total depth. No abnormal pressures or poisonous gases are anticipated in this well. It is expected that this well will be drilled before March 31, 1981. This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.  APPROVAL VALID FOR SO DAYS UNLESS	12 1/4" 6 3/4"  Surface formation Top of Ojo Alamo s Top of Pictured C Fresh water mud w It is anticipated No abnormal press It is expected the time required for	is Nacimes and is a liffs sand is that an ures or part this was approval	niento.  at 1300'.  at is at 2  sed to dri  IES and a  poisonous  well will  s, rig av  APFROVAL V  OR 90 DAYS  HILING COM	24# 6.5#  2472'.  ill from surf a GR-Density gases are ar be drilled k vailability a valid UNLESS AMENCED,	ace to total deploy will be run whicipated in the weather.	oth. at tota is well. , 1981.	I depth.	Surface Ojo Alamo curculate
11-13-80 OIL CO. 5 1980	12 1/4" 8 5/8" 24# 140' 100 sx Surface 6 3/4" 2 7/8" 6.5# 2630'  Surface Oje Alamo Surface formation is Nacimiento. Top of Ojo Alamo sand is at 1300'. Top of Pictured Cliffs sand is at 2472'. Fresh water mud will be used to drill from surface to total depth. It is anticipated that an IES and a GR-Density log will be run at total depth. No abnormal pressures or poisonous gases are anticipated in this well. It is expected that this well will be drilled before March 31, 1981. This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.  APPROVAL VALID FOR SO DAYS UNLESS	12 1/4" 6 3/4"  Surface formation Top of Ojo Alamo s Top of Pictured C Fresh water mud w It is anticipated No abnormal press It is expected the time required for	is Nacimes and is a liffs sand is that an ures or part this was approval	niento.  at 1300'.  at is at 2  sed to dri  IES and a  poisonous  well will  s, rig av  APFROVAL V  OR 90 DAYS  HILING COM	24# 6.5#  2472'.  ill from surf a GR-Density gases are ar be drilled k vailability a valid UNLESS AMENCED,	ace to total deploy will be run whicipated in the weather.	oth. at tota is well. , 1981.	I depth.	Surface Ojo Alamo curculate
EXPIRES 11-13-80 OIL CON. COM.	12 1/4"  8 5/8"  24#  140'  100 sx  Surface  6 3/4"  2 7/8"  6.5#  2630'  Surface  Ojo Alamo  Surface formation is Nacimiento.  Top of Ojo Alamo sand is at 1300'.  Top of Pictured Cliffs sand is at 2472'.  Fresh water mud will be used to drill from surface to total depth.  It is anticipated that an IES and a GR-Density log will be run at total depth.  No abnormal pressures or poisonous gases are anticipated in this well.  It is expected that this well will be drilled before March 31, 1981. This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.  APPROVAL VALID  FOR 90 DAYS UNIESS  DRILLING COMMENCED,  FOR 90 DAYS UNIESS  DRILLING COMMENCED,	12 1/4" 6 3/4"  Surface formation Top of Ojo Alamo s Top of Pictured C Fresh water mud w It is anticipated No abnormal press It is expected the time required for	is Nacimes and is a liffs sand is that an ures or part this was approval	niento.  at 1300'.  at is at 2  sed to dri  IES and a  poisonous  well will  s, rig av  APFROVAL V  OR 90 DAYS  HILING COM	24# 6.5#  2472'.  ill from surf a GR-Density gases are ar be drilled k vailability a valid UNLESS AMENCED,	ace to total deploy will be run ticipated in the weather.	100 -285 oth. at tota is well. , 1981.	I depth. This de	Surface Ojo Alamo  circulate  pends on
EXPIRES 11-13-80  OIL CON.  DIST. COM.  DIST. COM.	12 1/4"  8 5/8"  24#  140'  100 sx  Surface  6 3/4"  2 7/8"  6.5#  2630'  Surface  Ojo Alamo  Surface formation is Nacimiento.  Top of Ojo Alamo sand is at 1300'.  Top of Pictured Cliffs sand is at 2472'.  Fresh water mud will be used to drill from surface to total depth.  It is anticipated that an IES and a GR-Density log will be run at total depth.  No abnormal pressures or poisonous gases are anticipated in this well.  It is expected that this well will be drilled before March 31, 1981. This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.  APPROVAL VALID  FOR 90 DAYS UNIESS  DRILLING COMMENCED,  FOR 90 DAYS UNIESS  DRILLING COMMENCED,	12 1/4" 6 3/4"  Surface formation Top of Ojo Alamo s Top of Pictured C. Fresh water mud w It is anticipated No abnormal press It is expected thatime required for Gas is dedicated.	is Nacimes and is a liffs same ill be use that an ures or part this wapproval	niento.  at 1300'.  at 1300'.  at is at 2  sed to dri  IES and a  coisonous  well will  as, rig as  APPROVAL'  OR 90 DAYS  HILLING COM	24# 6.5#  2472'. ill from surfa GR-Density gases are and be drilled k vailability availability a	ace to total deploy will be run ticipated in the weather.	100 -285 oth. at tota is well. , 1981.	I depth. This de	Surface Ojo Alamo  circulate  pends on
EXPIRES 13-80  OIL CON.  ON.  ON.  IN A BOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE TATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PITVE ZONE, GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.	12 1/4"  8 5/8"  24#  140'  100 sx  Surface  6 3/4"  2 7/8"  6.5#  2630'  Surface  Ojo Alamo  Surface formation is Nacimiento.  Top of Ojo Alamo sand is at 1300'.  Top of Pictured Cliffs sand is at 2472'.  Fresh water mud will be used to drill from surface to total depth.  It is anticipated that an IES and a GR-Density log will be run at total depth.  No abnormal pressures or poisonous gases are anticipated in this well.  It is expected that this well will be drilled before March 31, 1981. This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.  APPROVAL VALID  FOR 90 DAYS UNIESS  DRILLING COMMENCED,  FOR 90 DAYS UNIESS  DRILLING COMMENCED,	12 1/4" 6 3/4"  Surface formation Top of Ojo Alamo s Top of Pictured C. Fresh water mud w. It is anticipated No abnormal press It is expected thatime required for Gas is dedicated.	is Nacimes and is a liffs sand is a liffs sand is a that an ares or part this wapproval	niento.  at 1300'.  at 1300'.  at is at 2  sed to dri  IES and a  coisonous  well will  s, rig av  APPROVAL'  OR 90 DAYS  HILLING COM	24# 6.5#  2472'. ill from surfa GR-Density gases are and be drilled k vailability availability a	ace to total deploy will be run ticipated in the weather.	100 -285 oth. at tota is well. , 1981.	I depth. This de	Surface Ojo Alamo  circulate  pends on
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PEDS BACK, SITE TIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.	12 1/4"  8 5/8"  24#  140'  100 sx  Surface  6 3/4"  2 7/8"  6.5#  2630'  285 sx  Ojo Alamo  Surface formation is Nacimiento.  Top of Ojo Alamo sand is at 1300'.  Top of Pictured Cliffs sand is at 2472'.  Fresh water mud will be used to drill from surface to total depth.  It is anticipated that an IES and a GR-Density log will be run at total depth.  No abnormal pressures or poisonous gases are anticipated in this well.  It is expected that this well will be drilled before March 31, 1981. This depends on time required for approvals, rig availability and the weather.  Cas is dedicated.  APPROVAL VALID  FOR 90 DAYS UNLESS  DRILLING COMMENCED,  EXPIRES  POR 90 DAYS UNLESS  DRILLING COMMENCED,  EXPIRES  NABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE ATA ON PREPINT PRODUCTIVE ZONE AND PROPOSED NEW PROD  NABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE ATA ON PREPINT PRODUCTIVE ZONE AND PROPOSED NEW PROD  INC. GIVE BLOWOUT PREVENTER PROGRAM: IF ANY.	12 1/4" 6 3/4"  Surface formation Top of Ojo Alamo s Top of Pictured C. Fresh water mud w It is anticipated No abnormal press It is expected thatime required for Gas is dedicated.	is Nacimes and is a liffs sand is a liffs sand is a that an ares or pat this was approval.  EXPIRES	niento. at 1300'. ad is at 2 sed to dri IES and a poisonous well will s, rig av APPROVAL' DR 90 DAYS ILLING COM S //-/3: ROGRAM: IF PR	24# 6.5#  2472'. ill from surf a GR-Density gases are ar be drilled k vailability a VALID UNLESS AMENCED,	140' 2630'  face to total deploy will be run reticipated in the refore March 31 and the weather.	100 -285 oth. at tota is well. , 1981.	I depth. This de	Surface Ojo Alamo  circulate  pends on
IN A BOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO BEEFER OF PLOS BACK, STATEMENT OF THE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.  I hereby certify that the information above is true and complete to the best of my knowledge and belief.	Surface formation is Nacimiento. Top of Ojo Alamo sand is at 1300'. Top of Pictured Cliffs sand is at 2472'. Fresh water mud will be used to drill from surface to total depth. It is anticipated that an IES and a GR-Density log will be run at total depth. No abnormal pressures or poisonous gases are anticipated in this well. It is expected that this well will be drilled before March 31, 1981. This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.  APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED,  EXPIRES  POR 90 DAYS UNLESS DRILLING COMMENCED,  AUG 15 1980 DIST COM.  NA ABOVE SPACE DESCRIBE PROPOSED PROGRAM. IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE LYA ON PRESINT PRODUCTIVE ZONE AND PROPOSED NEW PROD  NA ABOVE SPACE DESCRIBE PROPOSED PROGRAM. IF ANY.  hereby certify that the information above is true and complete to the best of my knowledge and belief.	12 1/4" 6 3/4"  Surface formation Top of Ojo Alamo s Top of Pictured C. Fresh water mud w It is anticipated No abnormal press It is expected thatime required for Gas is dedicated.	is Nacimes and is a liffs sand is a liffs sand is a that an ares or pat this was approval.  EXPIRES	niento. at 1300'. ad is at 2 sed to dri IES and a poisonous well will s, rig av APPROVAL' DR 90 DAYS ILLING COM S //-/3: ROGRAM: IF PR	24# 6.5#  2472'.  ill from surf a GR-Density gases are an be drilled k vailability a VALID UNLESS AMENCED, ————————————————————————————————————	ace to total deploy will be run ticipated in the method of the weather.  On Plug Back, Give Ata a knowledge and belief.	100 -285 oth. at tota is well. , 1981.	I depth. This de	Surface Ojo Alamo  curculate  pends on
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PEDS BACK, SITE TIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.	Surface formation is Nacimiento.  Top of Ojo Alamo sand is at 1300'.  Top of Pictured Cliffs sand is at 2472'.  Fresh water mud will be used to drill from surface to total depth.  It is anticipated that an IES and a GR-Density log will be run at total depth.  No abnormal pressures or poisonous gases are anticipated in this well.  It is expected that this well will be drilled before March 31, 1981. This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.  ADSROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED,  EXPIRES  DISTRICT  AUG 15 1980  DISTRICT  DISTRICT  EXPIRES  Title District Engineer  Date 8-15-80	Surface formation Top of Ojo Alamo s Top of Pictured C. Fresh water mud w It is anticipated No abnormal press It is expected the time required for Gas is dedicated.  IN ABOVE SPACE DESCRIBE TIVE ZONE. GIVE BLOWOUT PREVE  I hereby certify that the information	is Nacimes and is a liffs sand is a liffs sand is a that an ares or pat this was approval.  EXPIRES	niento. at 1300'. ad is at 2 sed to dri IES and a poisonous well will s, rig av APPROVAL' DR 90 DAYS ILLING COM S //-/3: ROGRAM: IF PR	24# 6.5#  2472'.  ill from surf a GR-Density gases are an be drilled k vailability a VALID UNLESS AMENCED, ————————————————————————————————————	ace to total deploy will be run ticipated in the method of the weather.  On Plug Back, Give Ata a knowledge and belief.	100 -285 oth. at tota is well. , 1981.	I depth. This de	Surface Ojo Alamo  curculate  pends on
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO BEEFER OR FEED BACK, STATE TIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.  I hereby certify that the information above is true and complete to the best of my knowledge and belief.  Signed A. E. Juilder Title District Engineer Date 8-15-80	Surface formation is Nacimiento.  Top of Ojo Alamo sand is at 1300'.  Top of Pictured Cliffs sand is at 2472'.  Fresh water mud will be used to drill from surface to total depth.  It is anticipated that an IES and a GR-Density log will be run at total depth.  No abnormal pressures or poisonous gases are anticipated in this well.  It is expected that this well will be drilled before March 31, 1981. This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.  APEROVAL VALID  FOR 90 DAYS UNLESS  DRILLING COMMENCED,  EXPIRES  NA ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE ATA ON PRESENTIVE ZONE AND PROPOSED NEW PROD  NA ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE ATA ON PRESENTIVE ZONE AND PROPOSED NEW PROD  NA ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE ATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PROD  NA ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE ATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PROD  NA ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF ANY.  Title District Engineer  Date 8-15-80	Surface formation Top of Ojo Alamo s Top of Pictured C. Fresh water mud w. It is anticipated No abnormal press It is expected that ime required for Gas is dedicated.  IN ABOVE SPACE DESCRIBE TIVE ZONE. GIVE BLOWOUT PREVE  I hereby certify that the information Signed R. P. Time	is Nacimes and is a liffs sand is a liffs sand is a liffs sand ill be use that an arrest or part this wapproval EXPIRES	niento. at 1300'. ad is at 2 sed to dri IES and a poisonous well will s, rig av APPROVAL' DR 90 DAYS ILLING COM S //-/3: ROGRAM: IF PR	24# 6.5#  2472'.  ill from surf a GR-Density gases are an be drilled k vailability a VALID UNLESS AMENCED, ————————————————————————————————————	ace to total deploy will be run ticipated in the method of the weather.  On Plug Back, Give Ata a knowledge and belief.	100 -285 oth. at tota is well. , 1981.	I depth. This de	Surface Ojo Alamo  curculate  pends on  E AND PROPOSED NEW PROD  -15-80
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO BEEFER OR FEED SERVICE.  I hereby certify that the information above is true and complete to the best of my knowledge and belief.  Signed Title District Engineer Date 8-15-80  (This space for State Use)	12 1/4" 8 5/8" 24# 140' 100 sx Surface 6 3/4" 2 7/8" 6.5# 2630' 285 sx Oie Alamo  Surface formation is Nacimiento. Top of Ojo Alamo sand is at 1300'. Top of Pictured Cliffs sand is at 2472'. Fresh water mud will be used to drill from surface to total depth. This anticipated that an IES and a GR-Density log will be run at total depth. No abnormal pressures or poisonous gases are anticipated in this well. This expected that this well will be drilled before March 31, 1981. This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.  APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED,  EXPIRES  DIST. COM.  NABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE WAYA ON PRESENT PROGRAM: IF ANY.  hereby certify that the information above is true and complete to the best of my knowledge and belief.  Title District Engineer  Date 8-15-80  ALIC 1 1981	Surface formation Top of Ojo Alamo s Top of Pictured C. Fresh water mud w. It is anticipated No abnormal press It is expected that ime required for Gas is dedicated.  IN ABOVE SPACE DESCRIBE TIVE ZONE. GIVE BLOWOUT PREVE  I hereby certify that the information Signed R. P. Time	is Nacimes and is a liffs sand is a liffs sand is a liffs sand ill be use that an arrest or part this wapproval EXPIRES	niento. at 1300'. ad is at 2 sed to dri IES and a poisonous well will s, rig av APPROVAL' DR 90 DAYS ILLING COM S //-/3: ROGRAM: IF PR	24# 6.5#  2472'. ill from surf a GR-Density gases are ar be drilled k vailability a valid UNLESS AMENCED,	ace to total deploy will be run aticipated in the before March 31 and the weather.  All OIL (  OR PLUG BACK, GIVE ATA (  knowledge and belief.	100 -285 sufficients well. 1981.	I depth. This de	Surface Ojo Alamo  curculate  pends on  E AND PROPOSED NEW PROD  -15-80
IN A BOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO BEEFEN ON FEED SECTION OF THE PROGRAM, IF ANY.  I hereby certify that the information above is true and complete to the best of my knowledge and belief.  Signed R. R. Richards Title District Engineer Date 8-15-80  (This space for State Use)  AUG 1 J 1900  BATE	12 1/4" 8 5/8" 24# 140' 100 sx Surface 6 3/4" 2 7/8" 6.5# 2630' 285 sx Ogo Alamo  Surface formation is Nacimiento. Top of Ojo Alamo sand is at 1300'. Top of Pictured Cliffs sand is at 2472'. Fresh water mud will be used to drill from surface to total depth. It is anticipated that an IES and a GR-Density log will be run at total depth. No abnormal pressures or poisonous gases are anticipated in this well. It is expected that this well will be drilled before March 31, 1981. This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.  APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED,  EXPIRES 11-13-YO  EXPIRES 11-13-YO  EXPIRES 11-13-YO  EXPIRES 11-13-YO  OIL CON, DIST. COM, DIS	Surface formation Top of Ojo Alamo s Top of Pictured C. Fresh water mud w It is anticipated No abnormal press It is expected the time required for Gas is dedicated.  IN ABOVE SPACE DESCRIBE TIVE ZONE. GIVE BLOWOUT PREVE I hereby certify that the information Signed R. P. June (This space for the space of the space for the space of the space o	is Nacimes and is a liffs sand is a liffs sand is a liffs sand ill be use that an arrest or part this wapproval EXPIRES	niento. at 1300'. ad is at 2 sed to dri IES and a poisonous well will s, rig av APPROVAL' DR 90 DAYS ILLING COM S //-/3: ROGRAM: IF PR	24# 6.5#  2472'. ill from surf a GR-Density gases are ar be drilled k vailability a valid UNLESS AMENCED,	ace to total deploy will be run aticipated in the before March 31 and the weather.  All OIL (  OR PLUG BACK, GIVE ATA (  knowledge and belief.	100 -285 sufficients well. 1981.	I depth. This de	Surface Ojo Alamo  curculate  pends on  E AND PROPOSED NEW PROD  -15-80
IN A BOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO BEFFE ON PEOP SECTION OF TIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.  I hereby certify that the information above is true and complete to the best of my knowledge and belief.  Signed R. Aichder Title District Engineer Date 8-15-80  (This space for State Use)  APPROVED BY SUPERVISOR DISTRICT # 3  AUG 1 J 1900	12 1/4" 8 5/8" 24# 140' 100 sx Surface 6 3/4" 2 7/8" 6.5# 2630' 285 sx Ojo Alamo  Surface formation is Nacimiento.  Top of Ojo Alamo sand is at 1300'.  Top of Pictured Cliffs sand is at 2472'.  Fresh water mud will be used to drill from surface to total depth.  It is anticipated that an IES and a GR-Density log will be run at total depth.  No abnormal pressures or poisonous gases are anticipated in this well.  It is expected that this well will be drilled before March 31, 1981. This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.  ADDROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED,  EXPIRES 11-3-80  EXPIRES PROCEDESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUE BACK, SIVE NIX ON PROPOSED NEW PROD  NA ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUE BACK, SIVE NIX ON PROPOSED NEW PROD  NA ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF ANY.  THE District Engineer Date 48-15-80  AUG 1 JYDU	Surface formation Top of Ojo Alamo s Top of Pictured C. Fresh water mud w. It is anticipated No abnormal press It is expected that time required for Gas is dedicated.  IN ABOVE SPACE DESCRIBE TIVE ZONE. GIVE BLOWOUT PREVE Thereby certify that the information Signed A. F. Aug.  (This space for the space of the space	is Nacimes and is a liffs sand is a liffs sand is a liffs sand is a liffs sand ill be use that an ures or part this wapproval EXPIRES	niento. at 1300'. ad is at 2 sed to dri IES and a poisonous well will s, rig av APPROVAL' DR 90 DAYS ILLING COM S //-/3: ROGRAM: IF PR	24# 6.5#  2472'. ill from surf a GR-Density gases are ar be drilled k vailability a valid UNLESS AMENCED,	ace to total deploy will be run aticipated in the before March 31 and the weather.  All OIL (  OR PLUG BACK, GIVE ATA (  knowledge and belief.	100 -285 sufficients well. 1981.	I depth. This de	Surface Ojo Alamo  curculate  pends on  E AND PROPOSED NEW PROD  -15-80
IN A BOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEFEN ON PEOPLE STATE OF THE PROGRAM, IF ANY.  I hereby certify that the information above is true and complete to the best of my knowledge and belief.  Signed R. F. Tielder Title District Engineer Date 8-15-80  (This space for State Use)  APPROVED BY SUPERVISOR DISTRICT # 3  CONDITIONS OF APPROVAL, IF ANY:	12 1/4" 8 5/8" 24# 140' 100 sx Surface 6 3/4" 2 7/8" 6.5# 2630' -285 sx Ojo Alamo  Surface formation is Nacimiento.  Top of Ojo Alamo sand is at 1300'. Top of Pictured Cliffs sand is at 2472'.  Fresh water mud will be used to drill from surface to total depth.  It is anticipated that an IES and a GR-Density log will be run at total depth.  No abnormal pressures or poisonous gases are anticipated in this well.  It is expected that this well will be drilled before March 31, 1981. This depends on time required for approvals, rig availability and the weather.  Gas is dedicated.  ADGROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED,  EXPIRES #1-3-80  EXPIRES #1-3-80  FOR 90 DAYS UNLESS DRILLING COMMENCED,  EXPIRES #1-3-80  IT ILLE District Engineer  Date 8-15-80  AUG 1 J JOUR AUG 1 JOUR	Surface formation Top of Ojo Alamo s Top of Pictured C. Fresh water mud w. It is anticipated No abnormal press It is expected that time required for Gas is dedicated.  IN ABOVE SPACE DESCRIBE TIVE ZONE. GIVE BLOWOUT PREVE Thereby certify that the information of the conditions of Approval.	is Nacimes and is a liffs sand is a liffs sand is a liffs sand ill be use that an ures or part this was approval.  EXPIRES  PROPOSED PINTER PROGRAM  STORY STATE USE  OF State Use  IF ANY:	niento. at 1300'. ad is at 2 sed to dri IES and a poisonous well will s, rig av APPROVAL' DR 90 DAYS ILLING COM S //-/3: ROGRAM: IF PR	24# 6.5#  2472'. ill from surf a GR-Density gases are ar be drilled k vailability a valid UNLESS AMENCED,	ace to total deploy will be run aticipated in the before March 31 and the weather.  All OIL (  OR PLUG BACK, GIVE ATA (  knowledge and belief.	100 -285 sufficients well. 1981.	I depth. This de	Surface Ojo Alamo  curculate  pends on  E AND PROPOSED NEW PROD  -15-80
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OIL WELL OTHER SINGLE X MULTIPLE ZONE X OTHER SINGLE X MULTIPLE ZONE X OIL DEPORT MATTIN  2. Name of Operator  Southland Royalty Company  3. Address of Operator  P. O. Drawer 570, Farmington, NM 87401  4. Location of Well  530  FEET FROM THE East  6037 FEET FROM THE FAST  6037 GR  21. Elevations (Show whether DF, RT, etc.)  22. Approx. Date Work will start Show Show Show Show Show Show Show Show	Name of Operator Southland Royalty Company  Address of Operator P. O. Drawer 570, Farmington, NM 87401  Location of Well UNIT LETTER A LOCATED 790  FEET FROM THE East LINE OF SEC. 33  TWP. 32N RGE. 12W NMPM  San Juan  19. Proposed Depth San Juan  20. Rotary or C.T. Rotary  22. Approx. Date Work will start September 30, 1980	DRILL X		D	EEPEN L_	PLUG B	BACK 🔛	8. Farm or Le	ease Name
b. Type of Well OIL SINGLE X OTHER  SINGLE X MULTIPLE QUIPEPPER MARTÍN 2. Name of Operator Southland Royalty Company  3. Address of Operator P. O. Drawer 570, Farmington, NM 87401  4. Location of Well UNIT LETTER A LOCATED 790 FEET FROM THE NORTH LINE AND 830 FEET FROM THE East LINE OF SEC. 33 TWP. 32N REE. 12W NMPM  12. County San Juan  13. Proposed Depth 19A. Formation Pict. Cliffs San Juan  14. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor  20. Rotary or C.T. Rotary Rotary Rotary 12. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor  22. Rotary or C.T. Rotary September 30, 1980  23. PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	Type of Well  OIL WELL OTHER  SINGLE X MULTIPLE 20NE 9, Farm of Lease Name  WELL X OTHER  SINGLE X MULTIPLE 20NE 9, Well No.  #20  #20  #20  #4. Field and Pool, or Wildcat 20NE  P. O. Drawer 570, Farmington, NM 87401  Location of Well Unit Letter A Located 790  #20  #20  #4. Field and Pool, or Wildcat 20NE  #20  #20  #4. Field and Pool, or Wildcat 20NE  #20  #20  #4. Field and Pool, or Wildcat 20NE  #20  #20  #20  #20  #20  #20  #20  #2		,		F7		[]		
DEEPEN DEEPEN B. PLUG BACK B. Farm or Lease Name    SINGLE     SINGLE   SINGLE     SINGLE     SINGLE     SINGLE     SINGLE     SINGLE   SINGLE     SINGLE     SINGLE     SINGLE     SINGLE     SINGLE	DRILL X  DEEPEN DEEPEN PLUG BACK RETURN THE East LINE OF SEC. 33 TWP. 32N RETURN THE LINE DEEPEN THE STATE DATE OF THE SEC. 33 TWP. 32N RETURN THE LINE DEEPEN THE LINE OF SEC. 33 TWP. 32N RETURN THE LINE DEEPEN THE LINE OF SEC. 33 TWP. 32N RETURN THE LINE DEEPEN THE LINE OF SEC. 33 TWP. 32N RETURN THE LINE OF SEC. 33 TWP. 32N RETURN THE LINE OF SEC. 34 TWP. 32N RETURN THE LINE OF SEC. 35 TWP. 32N RETURN THE LINE OF SEC. 3630 Pict. Cliffs Rotary  1. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor September 30, 1980							7. Unit Agree	ement Name
DEEPEN DEEPEN BLUG BACK BRITTIPLE CUIPEPPER SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	Type of Work  Type of Well  OIL  WELL  OTHER  DEEPEN  DEEPEN  DEEPEN  DEEPEN  PLUG BACK  8. Farm or Lease Name  Culpepper Martin  9. Well No.  #20  Southland Royalty Company  Address of Operator  P. O. Drawer 570, Farmington, NM 87401  Location of Well  UNIT LETTER  A LOCATED  TOP  FEET FROM THE  NOrth  LINE  19. Proposed Depth  19A. Formation  12. County  San Juan  19. Proposed Depth  19A. Formation  19. Rotary or C.T.  2630¹  Pict. Cliffs  Rotary  12. Approx. Date Work will start  5037¹ GR	APPLICATIO	N FOR PE	RMIT TO DE	RILL, DEEPEN,	OR PLUG BACK			
DEEPEN DEEPEN BLUG BACK BRITTIPLE CUlpepper Martin    SINGLE   SIN	Type of Work  Type of Well  OIL  WELL  OTHER  DEEPEN  DEEPEN  DEEPEN  PLUG BACK  8. Farm or Lease Name  Culpepper Martin  9. Well No.  #20  Address of Operator  P. O. Drawer 570, Farmington, NM 87401  Location of Well  UNIT LETTER  A  LOCATED  TOP  FEET FROM THE  NOrth  LINE  19. Proposed Depth  19A. Formation  19. Rotary or C.T.  2630'  Pict. Cliffs  Rotary  12. Approx. Date Work will start  5037' GR								
DEEPEN DEEPEN BLUG BACK BRITTIPLE CUlpepper Martin    SINGLE   SIN	Type of Work  Type of Well  OIL  WELL  OTHER  DEEPEN  DEEPEN  DEEPEN  DEEPEN  PLUG BACK  8. Farm or Lease Name  Culpepper Martin  9. Well No.  #20  Southland Royalty Company  Address of Operator  P. O. Drawer 570, Farmington, NM 87401  Location of Well  UNIT LETTER  A LOCATED  TOP  FEET FROM THE  NOrth  LINE  19. Proposed Depth  19A. Formation  12. County  San Juan  19. Proposed Depth  19A. Formation  19. Rotary or C.T.  2630¹  Pict. Cliffs  Rotary  12. Approx. Date Work will start  5037¹ GR	OPERATOR					ł	mm	mmmm
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  1a. Type of Work  b. Type of Work  DRILL X DEEPEN DEEPEN PLUG BACK  T. Unit Agreement Name  PLUG BACK  R. Firm or Lease Name  Cullpeper Martin  9, Well No.  #20  2. Name of Operator  Southland Royalty Company  3. Address of Operator  P. O. Drawer 570, Farmington, NM 87401  P. O. Drawer 570, Farmington, NM 87401  4. Location of Well  UNIT LETTER A LOCATED 790  FEET FROM THE NOrth  AND 830  FEET FROM THE East Line of Sec. 33 TWP. 32N Res. 12W NMFM  21. Elevations (Show whether DF, RT, etc.)  22. Approx. Date Work will stort September 30, 1980  SIZE OF HOLE  SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  Type of Work  DRILL   DEEPEN   DEEPEN   PLUG BACK  8. Form or Lease Name Culpepper Martin  Name of Operator  Southland Royalty Company Address of Operator  P. O. Drawer 570, Farmington, NM 87401  Location of Well UNIT LETTER   A  LOCATED 790  FEET FROM THE  FEET FROM THE  FEET FROM THE  19. Proposed Depth 19. Proposed	LAND OFFICE							
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  1a. Type of Work  b. Type of Work  DRILL X DEEPEN PLUG BACK RELEX OTHER  2. Name of Operator  Southland Royalty Company  3. Address of Operator  P. O. Drawer 570, Farmington, NM 87401  4. Location of Well UNIT LETTER A LOCATED 790 FEET FROM THE NOTTH  AND 830 FEET FROM THE East LIME OF SEC. 33 TWP. 32N Res. 12W NAME San Juan  21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor September 30, 1980  23. PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  Type of Work  Type of Work  Type of Well  ORILL X  DEEPEN DEEPEN DEEPEN BLINE OTHER  PLUG BACK B. Farm or Lease Name Culpepper Martin  9, Well No.  #200  #200  Address of Operator  P. O. Drawer 570, Farmington, NM 87401  Location of Well  Unit LETTER A  LOCATED 790  FEET FROM THE NOrth  INCOMPANY  19, Proposed Depth							.5. State Oil &	Gas Lease No.
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK    APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK   7. Unit Agreement Name	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  Type of Work  Type of Well  OLL ASSUME	FILE					1	STATE	FEE X
U.S.G.S.  LAND OFFICE OPERATOR  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  DEEPEN DEEPEN BLUE BACK BRITTED BRILL BEEPEN, OR PLUG BACK  T. Unit Agreement Name  8, Farm or Lease Name  9, Well No.  10, Fleel and Pool, or Wildcat  12, Name of Operator  P. O. Drawer 570, Farmington, NM 87401  4. Location of Well Unit LETTER A LOCATED 790  AND 830  PEET FROM THE East LINE OF SEC. 33 TWP. 32N Res. 12W NAME 12. County  19, Proposed Depth BA. Formation  19, Proposed Depth BA. Formation  20, Rotary or C.T.  21. Elevations (Show whether DF, RT, etc.) 21A. Kind 6 Status Plug. Bond 21B. Drilling Contractor  22. Approx. Date Work will start September 30, 1980  23.  PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  Type of Work  Type of Work  Type of Well  OTHER  ARE  OTHER  ARE  OTHER  SINGLE  ZONE  SINGLE  ZONE  REL  OTHER  ARE  OTHER  SINGLE  ZONE  SINGLE  ZONE  ARE  OTHER  OTHER  OTHER  NOTTH  LINE  NOTTH  LINE  12. County  San Juan  12. County  San Juan  13. Proposed Depth  14. Floration  14. County  San Juan  14. County  San Juan  15. Elevations (Show whether DF, RT, etc.)  OTHER	SANTA FE					ſ	5A. Indicate	Type of Lease
FILE U.S.G.S.  LAND OFFICE OPERATOR  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  II. Type of Work  DRILL  DEEPEN  DEEPEN  DEEPEN  DEEPEN  PLUG BACK  7. Unit Agreement Name  Outpepper Martin  9. Well No.  12. Name of Operator  P. O. Drawer 570, Farmington, NM 87401  4. Location of Well  UNIT LETTER A  LOCATED 790  PET FROM THE NOTTH  AND 830  FEET FROM THE East  LINE OF REC. 33  TWP. 32N  REE. 12W  NAMM  San Juan  19. Proposed Depth  19. Rormation  20. Rotary  22. Approx. Date Work will start  September 30, 1980  23. PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE  SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT  EST. TOP	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  Type of Work  Type of Well  OFFICE  OFF			NEM WE	EXICO OIL CONSE	ATAIION COMMISSION	i		i
SANTA FE FILE U.S.G.S. LAND OFFICE OPERATOR  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  In. Type of Work  DRILL X  DEEPEN DEEPEN PLUG BACK  1. PLUG BACK B. Farm or Lease Name Oulpepper Martin  S. Midler Type of Well OFFICE SOUTHLAND ROYALTY Company  2. Name of Operator P. O. Drawer 570, Farmington, NM 87401  4. Location of Well ORIT LETTER A  LOCATED TO PICTURE Cliff  A. LOCATED TO PICTURE CLIFF  A. LOCATED TO PICTURE CLIFF  21. Elevations (Show whether DF, RT, etc.)  22. Approx. Date Work will stort September 30, 1980  23. PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE  SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP	ANTA FE    ILE	DISTRIBUTION	1 1	NIE 11 11 -	VICO OIL CONCE	NOISSIMMON MOITAVE	1	Form C-101	
SANTA FE  FILE  U.S.O.S. LAND OFFICE OPERATOR  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  Is. Type of Work  DRILL X  DEEPEN PLUG BACK  SINCLE X  OTHER  SINCLE X  MULTIPLE OLIPEPPER MARTIN  OLIPEPPER MULTIPLE OLIPEPPER MULTIPLE OLIPEPPER MARTIN  SOUTHLAIN ROYALTY  SOUTHLAIN ROYALTY  AND SOUTH SINCLE X  OTHER  SINCLE X  OTHER  SINCLE X  MULTIPLE OLIPEPPER MARTIN  SINCLE X  SINCLE X  MULTIPLE OLIPEPPER MARTIN  SINCLE X  SINCLE X  SINCLE X  MULTIPLE OLIPEPPER MARTIN  SINCLE X  S	NEW MEXICO OIL CONSERVATION COMMISSION    Form C-101   Revised 13-65								

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

## P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-107 Revised 10-1-78

SANTA PE, NEW MEXICO STOP

All distances must be from the cuter boundaries of the Section. Well No. l.egse Operator 20 CULPEPPER-MARTIN SOUTHLAND ROYALTY COMPANY County Ronge Township Unit Letter San Juan 12W 32N Actual Footage Location of Well: feet from the East 830 line North line and feet from the Dedicated Acreage: Ground Level Elev. **Producing Formation** 160 -Blanco ( Pictured Cliffs Acres 6037 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? If answer is "yes," type of consolidation ☐ No If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION 7901 I hereby certify that the information contained herein is true and complete to the 8301 best of my knowledge and belief. Robert E. Fielder Position District Engineer Southland Royalty Company August 15, 1980 Sec. 33 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. AUG 15 19 Date Surveyed OIL CON. CC May D/ST. 3 and/or I 800 1320 1650 1980 2310 2640 2000 1500 1000

DRILLING SCHEDULE - CULPEPPER MARTIN #20

790' FNL & 830' FEL, Section 33, T32N, RL2W Location:

San'Juan County, NM

Elevation: 6037' GR Field: Blanco Pictured Cliffs 6049' KB

Geology:

1300' Ojo Alamo Formation Tops: 2055' Fruitland Pictured Cliffs 2472'

2630' Total Depth

Logging Program: IES and GR-Density at Total Depth.

Coring Program : None

Natural Gauges : None

Drilling

Tool Pusher: Contractor:

SRC Answering Service: 325-184 Dispatch Number: 325-7391

SRC Representative:

Fresh water mud from surface to Total Depth. Mud Program:

Materials

Wt. & Grade Casing Size Depth Hole Size Casing Program: 24# K - 558 5/8" 140' 12 1/4" 6.5# K-55 2 7/8" 2630' 6 3/4"

Float Equipment

8-5/8" Surface Casing: Pathfinder cement guide shoe (#1003-1-010).

2-7/8" Production Casing: Sawtooth collar guide shoe. Howco 2 7/8" latch down baffle (PR 60). Two 3 1/16" rubber balls

and one 2 7/8" Omega latching plug (PR 59). Use 3 1/4" plug container head. Six B & W

stabilizers on bottom 6 joints.

Wellhead Equipment: 8 5/8" X 2 7/8", EUE, screwed head.

DOTILING	SCHEDULE	_	CULPEPPER MARI'IN	#20
DRILLING	PCUEDOPE	_	COLE THE LINE LANGE AND	

Page #2

Cementing

8-5/8" Surface Casing: 118 cu. ft. (100 sx) Class "B" with 1/4 # gel flake per sack and 3% CaCl<sub>2</sub>. (100% excess.)

2-7/8" Production Casing:  $\frac{407}{\text{with 6\$ gel mixed with 7.2 gals water per sack}}{\text{with 6\$ gel mixed with 7.2 gals water per sack}} \\ \text{to weigh 12.85 ppg. Tail in with (50 sx) Class} \\ \text{"B" with 2\$ CaCl}_2. \quad \text{If lost circulation occurs,} \\ \text{add 1/4 cu. ft. of fine gilsonite per sack.}} \\ \text{(50\$ excess to cover 0jo Alamo). Displace cemenwith 50 gallons of 7 1/2\$ acetic acid. Runtemperature survey after 12 hours.}$ 

L. O. Van Ryan District Production Manager

REF	
Date	



August 15, 1980

Oil Conservation Division Mr. Frank Chavez 1000 Rio Brazos Road Aztec, NM 87410

RE: Blowout Preventer Plan

Dear Mr. Chavez:

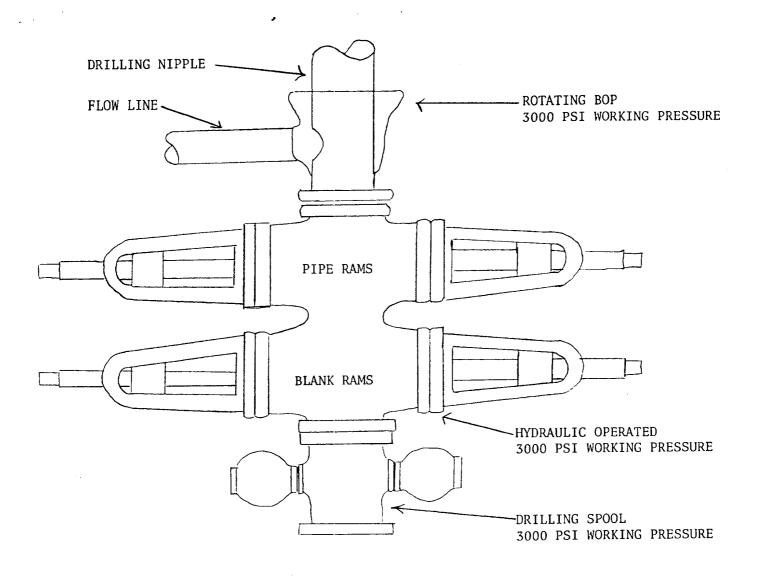
All drilling and completion rigs will be equipped with 6" or larger double gate hydraulic blowout preventers and a hydraulic operated closing unit with steel lines.

The preventer is 3000# working pressure and 6000# test pressure. All crews will be thoroughly trained in the operation of this preventer. The preventer will be tested frequently enough to ensure proper operation.

Sincerely,

SOUTHLAND ROYALTY COMPANY

Robert E. Fielder District Engineer



PREVENTERS AND SPOOLS ARE TO HAVE THROUGH BORE OF 6" - 3000 PSI OR LARGER

Southland Royalty Company Culpepper Martin #20 790' FNL & 830' FEL Section 33, T32N, R12W San Juan County, NM

