in transmission in transmission in transmission in transmission in transmission in transmission in transmission in transmission interest interest in transmission in transmission interest interest interest interest interest interest interest interest interest interest APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK interest interest interest interest DRILL operation interest interest interest interest DRILL operation interest interest interest interest interest DRILL operation interest int	STATE OF NEW MEX			ION DIVISION	•	Form C-1 Revised	
with Of A Log Least No. Land Orrect APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK ATT Type of West b. Type of West DRILL ctt, or meas State of General application Application Application Constraint Draw of West State of General Automation Application	DISTRIBUTION	SA SA					
L-30/4 APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Type of Work Name of Work Type of Work	······································						
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK I. Luit Aqueentus Name 12: Type of Went DRILL OEEPEN PLUG BACK 2: Type of Went DRILL orece PLUG BACK 2: Nome of Gyperator Hittig OEEPEN PLUG BACK 2: Nome of Gyperator Hittig OEEPEN PLUG BACK I. Demos Leaves Nome 3: Address of Coperator Hittig OEEPEN PLUG BACK I. Demos Leaves Nome 3: Address of Coperator HODO Provide Coperator Nome State HQ 4: Locariton of Wall our Lettres K Locariton of State Nome State HQ 1980 recordence Hest Locariton or state III Provide Copein 114. Francision 20. Relary eC.T. 1980 recordence Hest Locariton or state 1980 Total Agreention 20. Relary eC.T. 11: Original Coperator Blanket 1980 Total Agreention 20. Relary eC.T. 23. PROPOSED CASING AND COMENT PROCRAM State OF Cosing Well Agreention 11-17.56 34:2E OF HOLE SiZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF COMENT <			L-36	74			
11. Type of Werk 2. Unit Agreement Nome b. Type of Werk DRILL DEEPEN PLUG BACK X art. X Breach Deepen PLUG BACK X art. X Breach Deepen PLUG BACK X art. X Breach Deepen PLUG BACK X ARDeco of Generation Commany 6 Address of Generation Beepend Beepend Beepend 2. Common of Werk K Extra K Control (Common of Werk 2. Common of Werk K Extra K Control (Common of Werk 2. Common of Werk K Extra K Control (Common of Werk 2. Common of Werk K Extra K Control (Common of Werk 2. Common of Werk K Extra K Control (Common of Werk 2. Common of Werk K K Extra K Control (Common of Werk 2. Common of Werk K K Extra K Control (Common of Werk 2. Common of Werk K K Extra K Control (Common of Werk 2. Common of Werk K K Extra K Controk K 2.							
BILL DEEPEN PLUG BACK I B. Type of Will France France Finite I France France Finite II France France Finite II France France ADDOC Production Company Image: II France ADDOC Production Company Image: III Image: IIII ADDOC Production Company Image: IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	and the second	UN FUR PERMIT TO	DRILL, DEEPEN	, UR PLUG BACK		7. Unit A	greement Name
b. Type of Vall		7		51.00			
2: Direct Openator 1: Direct Openator 9: Well No. AHOCO Production Company 6 3: Address of Cyclin 1: Direct Openator P.O. Box 66; Hobbs, New Hexico 88240 4: Location of Well were Lettrix K uere Lettrix K 1980 recervation of Well Were Lettrix uere Lettrix K 1980 recervation of Well Were Lettrix uere Lettrix K 1980 recervation of Well Were Lettrix uere Lettrix K 1980 recervation of Well Were Lettrix 21. Elevational Shaw Were DE. N. (etc.) 11: A formation 22. County Lettrix 23. Direct Production 12: Adverse of Cr. (etc.) 24. Location of Well 12: Adverse of Cr. (etc.) 27. Elevational Shaw Were DE. (etc.) 12: Adverse of Cr. (etc.) 28. Construction of Well 12: Adverse of Cr. (etc.) 29. Construction of Well 12: Adverse of Cr. (etc.) 21. Elevational Shaw Were DE. (etc.) 13: Elevational Shaw Were DE. (etc.) 21. Elevational Shaw Were DE. (etc.) 13: Elevational Shaw Were Cr. (etc.) 22. Adverse Lettrix 12:	b. Type of Well		DEEPEN				
AHOCO Production Company 6 3. Address of Controller "Indedesting about the second		OTHER		SINGLE X ML	ZONE		
2. Address of Cycenter P.O. Box 68, Hobbs, New Mexico 88240 Briddstand Lington Control Content Content Control Control Control Control Content Co	- ·	Company					0.
Propose Control of Well Affective Section Affective Section 4 Location of Well out curries K Location 1980 rest results South Line 200 1980 rest results K Location 26 rest results South Line 200 rest results K Location 26 rest results 34E south Line 200 rest results K Location 26 rest results 34E south Line 200 rest results K Location 26 rest results 34E south Line Li		company					and Pool, or Wildcar
1980 ret records Nest Life or sec. 26 ret, 185 34E III. 12. County 12. Life or sec. 26 ret, 185 34E III. 12. County Lea 13. Life or sec. 13. PBTD 7550' San Andres Workover Rig 21. Life of sec. 21. Life of sec. 21. Life of sec. 21. Life of sec. 13. All of a Sec. 21. Life of sec. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11. 1	P.O. Box 68, Hobb					Airst	rip San Andres
12. County Lea 14. County Lea 15. Proposed Cashing PBTD 7550' 16. County Deck 17. County Blanket 18. County Blanket 18. County Blanket 1987. 4' GR Blanket 18. County Blanket 19. County Blanket 19. County Blanket 19. County Blanket 19. County Blanket 20. Approx. Deter Work will attent 19. County Blanket 21. County Blanket 22. Approx. Deter Work will attent 19. County Blanket 22. Approx. Deter Work will attent 19. County Blanket 23. County EST. TOP 19. County Blanket 24. County EST. TOP 19. County Blanket 23. County EST. TOP 19. County Blanket 24. County EST. TOP 19. County Blanket 25. County EST. TOP 19. County EST. T	4. Location of Well UNIT LET	TER K LO	LATED 1980	FEET FROM THE SOUT	thuwr		
12. County Lea 14. County Lea 15. Proposed Cashing PBTD 7550' 16. County Deck 17. County Blanket 18. County Blanket 18. County Blanket 1987. 4' GR Blanket 18. County Blanket 19. County Blanket 19. County Blanket 19. County Blanket 19. County Blanket 20. Approx. Deter Work will attent 19. County Blanket 21. County Blanket 22. Approx. Deter Work will attent 19. County Blanket 22. Approx. Deter Work will attent 19. County Blanket 23. County EST. TOP 19. County Blanket 24. County EST. TOP 19. County Blanket 23. County EST. TOP 19. County Blanket 24. County EST. TOP 19. County Blanket 25. County EST. TOP 19. County EST. T	1020	Wast	26	185 3	1F		
11. Eropseed Depth 113. Formation 20. Foldary or C.T. 12. Elevational Channelling Channelling Contractor 12. Approx. Done Work will start 13. 11. Elevational Channelling Contractor 12. Approx. Done Work will start 13. 11. Elevational Channelling Contractor 12. Approx. Done Work will start 13. PROPOSED CASING AND CEMENT PROGRAM 11. Elevational Channelling Contractor 11. Elevational Channelling Contractor 13. SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 17. 13. 3/8" 48 333' 400 Surface 17. 15. 5 10909' DV 0 7297 Surface 14. 77.6" 5 ½" 17. 15. 5 10909' DV 0 7297 Surface Propose to: Set CIBP plus 35' of cement at 7550' (Top of Bone Springs at 7630') Perforate San Andres from 5728' - 5908' Acidia Pueston and rods RIH with tubing, pump and ro	AND 1900 PEET FAO		LE OF SEC. LU	TWP. 105 ACE. 5.		12. Count	
PIL Levisions (Show whicker UP, KT, etc.) 21A. Kind & Status Play. Bond 21B. Drilling Contractor 22. Approx. Date Work will store 111-17-86 23. PROPOSED CASING AND CEMENT PROGRAM 22. Approx. Date Work will store 111-17-86 22. Approx. Date Work will store 111-17-86 23. PROPOSED CASING AND CEMENT PROGRAM 51ZE OF HOLE 51ZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 17½" 13.3/8" 48 333' 400 Surface 77/8" 5.3/8" 32 4000' 1540 Surface 7 7/8" 5.3/8" 32 4000' 1540 Surface 7 7/8" 5.3/8" 17, 15.5 10909' DV @ 7297 Surface Propose to: Set CIBP plus 35' of cement at 9100' (Bone Springs perfs at 9178' - 9294') Set CIBP plus 35' of cement at 7550' (Top of Bone Springs at 7630') Perforate San Andres from 5728' - 5908' Acidize with 8000 gal. 15% NE-FE HCl acid plus additives Swab test well RIH with tubing, pump and rods Turn well over to Amoco and return to production. Note: Mesa acting as agent under the terms of an Operating Agreement dated 12-16-74. Send approval copies to Mesa, P.O. Box 2009, Amarillo, TX 79189 MAROVE SMCE DESCRIVE PROPOSED BROCRAM. If Mesoreal, is to better of my knowledge and belity'.						Lea	a (()))))))
Bit Life visions (Show whether UP, RT, etc.) 21A. Kind & Status Plug. Bord 21B. Drilling Contractor 22. Approx. Date Work will store 11-17-86 23. PROPOSED CASING AND CEMENT PROGRAM 22. Approx. Date Work will store 11-17-86 22. Approx. Date Work will store 11-17-86 23. PROPOSED CASING AND CEMENT PROGRAM 512E OF HOLE 512E OF ACLE 512E OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 17%" 13.3/8" 48 3331 400 Surface 77/8" 5 ½" 17, 15.5 10909' DV @ 7297 Surface 77/8" 5 ½" 17, 15.5 10909' DV @ 7297 Surface Propose to: Set CIBP plus 35' of cement at 9100' (Bone Springs perfs at 9178' - 9294') Set CIBP plus 35' of cement at 7550' (Top of Bone Springs at 7630') Perforate San Andres from 5728' - 5908' Acidize with 8000 gal. 15% NE-FE HCl acid plus additives Swab test well RIH with tubing, pump and rods Turn well over to Amoco and return to production. Note: Mesa acting as agent under the terms of an Operating Agreement dated 12-16-74. Send approval copies to Mesa, P.O. Box 2009, Amarillo, TX 79189 Note: Mesa acting as agent under the terms of an Operating Agreement dated 12-16-74. Send approval copies to Mesa, P.O. Box 2009, Amarillo, TX 79189 Netwee senc							
3987.4' GR Blanket - 11-17-86 23. PROPOSED CASING AND CEMENT PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 17%" 13 3/8" 48 333' 400 Surface 11" 8 5/8" 32 4000' 1540 Surface 7 7/8" 5 ½" 17, 15.5 10909' DV @ 7297 Surface Propose to: Set CIBP plus 35' of cement at 9100' (Bone Springs perfs at 9178' - 9294') Set CIBP plus 35' of cement at 7550' (Top of Bone Springs at 7630') Perforate San Andres from 5728' - 5908' Acidize with 8000 gal. 15% NE-FE HC1 acid plus additives Swab test well RIH with tubing, pump and rods Turn well over to Amoco and return to production. Note: Mesa acting as agent under the terms of an Operating Agreement dated 12-16-74. Send approval copies to flesa, P.O. Box 2009, Amarillo, TX 79189 Materia Electrosciente Product Decement at complete to the base of my how lader and bellof. Note: Mesa acting as agent under the terms of an Operating Agreement dated 12-16-74. Send approval copies to flesa, P.O. Box 2009, Amarillo, TX 79189 Materia Electrosciente Product Decement Product Decement Productive Lott Amp Productive Lott Amp Productive Lott Amp Product Decement Product				PBTD 7550'	San And	res	Horkover Rig
PROPOSED CASING AND CEMENT PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 17%" 13 3/8" 48 333' 400 Surface 11" 8 5/8" 32 4000' 1540 Surface 7 7/8" 5 ½" 17, 15.5 10909' DV @ 7297 Surface Propose to: Set CIBP plus 35' of cement at 9100' (Bone Springs perfs at 9178' - 9294') Set CIBP plus 35' of cement at 7550' (Top of Bone Springs at 7630') Perforate San Andres from 5728' - 5908' Actidize with 8000 gal. 15% NE-FE HCl acid plus additives Swab test well RIH with tubing, pump and rods Turn well over to Amoco and return to production. Note: Mesa acting as agent under the terms of an Operating Agreement dated 12-16-74. Send approval copies to Mesa, P.O. Box 2009, Amarillo, TX 79189 NABOVE SPACE DESCREAMENT MODULA IS TO DESCREAMENT MODULATIVE IONE AND MODULATE MODUL				21B. Drilling Contractor —		22. Appi	
Size of HOLE Size of CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 17%" 13 3/8" 48 333' 400 Surface 11" 8 5/8" 32 4000' 1540 Surface 7 7/8" 5 3/8" 32 4000' 1540 Surface 7 7/8" 5 3/8" 17, 15.5 10909' DV @ 7297 Surface Propose to: Set CIBP plus 35' of cement at 9100' (Bone Springs perfs at 9178' - 9294') Set CIBP plus 35' of cement at 7550' (Top of Bone Springs at 7630') Perforate San Andres from 5728' - 5908' Acidize with 8000 gal. 15% NE-FE HC1 acid plus additives Swab test well RIH with tubing, pump and rods Turn well over to Amoco and return to production. Note: Mesa acting as agent under the terms of an Operating Agreement dated 12-16-74. Send approval copies to Nesa, P.O. Box 2009, Amarillo, TX 79189 NABOVE PROCENTINE PROCED PROGRAM IF reproduct is to Defet of Paulity for the band of my how before and bellow. Itemed Complete PROCED PROGRAM IF reproduct is the band of my how before and bellow. Itemed Complete DEPROGRAM IF reproduct is the band of my how before and bellow. Itemed Complete DEPROGRAM IF reproduct is the band of my how be	23.						
17½" 13 3/8" 48 333' 400 Surface 11" 8 5/8" 32 4000' 1540 Surface 7 7/8" 5 ½" 17, 15.5 10909' DV @ 7297 Surface Propose to: Set CIBP plus 35' of cement at 9100' (Bone Springs perfs at 9178' - 9294') Set CIBP plus 35' of cement at 7550' (Top of Bone Springs at 7630') Perforate San Andres from 5728' - 5908' Acidize with 8000 gal. 15% NE-FE HCl acid plus additives Swab test well RIH with tubing, pump and rods Turn well over to Amoco and return to production. Note: Mesa acting as agent under the terms of an Operating Agreement dated 12-16-74. Send approval copies to Mesa, P.O. Box 2009, Amarillo, TX 79189 M Above space Descente PROPOSED PROCEAD IN PROPOSED IN P							
11" 8 5/8" 32 4000' 1540 Surface 7 7/8" 5 ½" 17, 15.5 10909' DV @ 7297 Surface Propose to: Set CIBP plus 35' of cement at 9100' (Bone Springs perfs at 9178' - 9294') Set CIBP plus 35' of cement at 7550' (Top of Bone Springs at 7630') Perforate San Andres from 5728' - 5908' Acidize with 8000 gal. 15% NE-FE HCI acid plus additives Swab test well RIH with tubing, pump and rods Turn well over to Amoco and return to production. Note: Mesa acting as agent under the terms of an Operating Agreement dated 12-16-74. Send approval copies to flesa, P.O. Box 2009, Amarillo, TX 79189 NA COVE SPACE DESCRIBE PROPOSED PROGRAM. IF PROPOSAL IS TO OPERATING LIMITED FROMULTING AND PROSED NOW MALE ADDITION FROM THE PROPOSED PROGRAM. IF PROPOSAL IS TO OPERATING LIMITED FROMULTING AND PROVIDE THE ADDITION AND PROVIDE THE ADDITION THE ADDITION AND PROVIDE THE ADDIT							
7 7/8" 5 ½" 17, 15.5 10909' DV @ 7297 Surface Propose to: Set CIBP plus 35' of cement at 9100' (Bone Springs perfs at 9178' - 9294') Set CIBP plus 35' of cement at 7550' (Top of Bone Springs at 7630') Perforate San Andres from 5728' - 5908' Acidize with 8000 gal. 15% NE-FE HCl acid plus additives Swab test well RIH with tubing, pump and rods Turn well over to Amoco and return to production. Note: Mesa acting as agent under the terms of an Operating Agreement dated 12-16-74. Send approval copies to Mesa, P.O. Box 2009, Amarillo, TX 79189 Note: Mesa acting as agent under the terms of an Operating Agreement dated 12-16-74. Send approval copies to Mesa, P.O. Box 2009, Amarillo, TX 79189 Note: Mesa acting as agent under the terms of an Operating Agreement dated 12-16-74. Send approval copies to Mesa, P.O. Box 2009, Amarillo, TX 79189 Net back. Howour Metterne Mackan, IF ANDERAL 13 YO DEFERS of PLUE BACK, Give DATA OF MEETER MODULTIVE LOKE AND PROPOSED HEW MEETER MACKAN, IF ANDERAL 13 YO DEFERS of PLUE BACK, Give DATA OF MEETER MODULTIVE LOKE AND PROPOSED HEW MEETER MACKAN, IF ANDERAL 13 YO DEFERS of PLUE BACK, Give DATA OF MEETER MACKAN, IF ANDERAL 13 YO DEFERS OF PLUE BACK, Give DATA OF MEETER MACKAN, IF ANDERAL 13 YO DEFERS OF PROPOSED HEW MEETER MACKAN, IF ANDERAL 13 YO DEFERS OF PROPOSED HEW MEETER MACKAN, IF ANDERAL 13 YO DEFERS OF PLUE BACKAN, IF ANDERAL 13 YO DEFERS OF PROPOSED HEW MEETER MACKAN, IF ANDERAL 13 YO DEFERS OF PROPOSED HERE AND PROPOSED HEW MEETER MACKAN, IF ANDERAL 13 YO DEFERS OF PROPOSED HERE AND PROPOSED HERE AND PROPOSED HERE AND PROPOSED HERE AND PROPOSED HEW MEETER AND PROPOSED HERE AND PR	<u> /2</u> #						
Set CIBP plus 35' of cement at 7550' (Top of Bone Springs at 7630') Perforate San Andres from 5728' - 5908' Acidize with 8000 gal. 15% NE-FE HC1 acid plus additives Swab test well RIH with tubing, pump and rods Turn well over to Amoco and return to production. Note: Mesa acting as agent under the terms of an Operating Agreement dated 12-16-74. Send approval copies to Mesa, P.O. Box 2009, Amarillo, TX 79189 M ABOVE SPACE DESCRIBE PROPOSED DROCRAM. IF PROPOSED IN THE AND MODULIVE IONE AND PROPOSED HIM PRO- Not State of the information above is true and complete to the best of my knowledge and bellef. Hesa Operating Limited Partnership Igned R. F. Mathing Title as Agent for AMOCO Date 10-28-86 (This space for State Use) Eddie W. Scay	7 7/8 ⁿ		17, 15.5	10909'	DV @ 7	297	Surface
approval copies to Hesa, P.O. Box 2009, Amarillo, TX 79189 NABOVE SPACE DESCRIBE PROPOSED PROGRAMI IF PROPOSAL IS TO DEEPEN OR PLUE BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PR Note zone. Give Blowout PREVENtER PROGRAM, IF ANY. hereby certify that the information above is true and complete to the best of my knowledge and bellef. Hesa Operating Limited Partnership igned <u>R.E. Mathis</u> <u>Title</u> as Agent for AMOCO <u>Date</u> 10-28-86 (This space for State Use) Eddie W. Sociy	Set Perf Acid Swab RIH	CIBP plus 35' of orate San Andres ize with 8000 ga test well with tubing, pum	cement at 7550 from 5728' - 9 1. 15% NE-FE H p and rods	0' (Top of Bone 5 5908' Cl acid plus add	Springs at	9178' 7630'	- 9294'))
igned <u>R. E. Muthils</u> (This space for State Use) Eddie W. Satty Date <u>10-28-86</u> Date <u>10-28-86</u> Date <u>10-28-86</u> Date <u>10-28-86</u>	approval C	opies to Mesa, P	.O. Box 2009, A	Amarillo, TX 79	189 oh present pro		
Eddie W. Saay	المتعادية بعت تبنيت فلتعد فالمعاد فتروج بينه نضب	<u>&</u>	as Agen	t for AMOCO		Date	0-28-86
	Eddie	W. Soay				ÛÛ	T 3 Û 1986

APPROVED	BY	Oil & Gas ins	titue
----------	----	---------------	-------

CONDITIONS OF APPROVAL, IF ANYI