STATE OF NEW ME	XICO					-2897-2		
ENCHOY AND MINERALS DEP	CONSERVATION DIVISION							
DISTRIBUTION	P. O. BOX 2088					Revised 10-1-78		
SANTA FE	SANTA EF NEW MEXICO 97501				SA. Indicate Type of Louse			
FILE U.S.G.S.					BTATE			
LAND OFFICE			·		S. State Off &	Gus Loupo No.		
	ION FOR PERMIT TO	DRILL DEEDEN	OP RELIC RACK		-411/11/1	TANNINN		
w. Type of Work		DRIEE, DEET CH	OK FEUG BACK			THHUM		
DRILL		DEEPEN			7. Unit Agree	ment Name		
b. Type of well		UCEPEN [	PLU	G ВАСК	8. Farm or Le	ase Name		
weit weit	OTHER		SINGLE N	JONE	South Hot	bs (GSA) Unit		
. Name of Operator					9. Well No.			
Amoco Production	Company	·			177			
<u>P. O. Box 68</u> , Ho	NM 88240					Pool, or Wildcal		
Location of Well		5927660	No	rth	Hobbs GSA			
SL/BHL	TERLOC	592/660	FEET FROM THE	LINE				
· 416/710 PETT FRO	MTHE West	Storsee. 5	19-S PCC.	38-E	XIIIIII	HHHHHH		
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all all a start a start a start a	<u>TITTTTTTTTTTT</u>				Lea			
HHHHHHHH	TANNIN MAN	TITTITITI)	THUT THUN	ttillin,	mmm	HHHHMM		
4444444	++++++++++++++++++++++++++++++++++++++	HHHHH	TTTTTTTTTTTTT	TITITI	<u>iiiiiiii</u>			
HHHHHHH	MHHHHHH		14. Frotesea Jopin	15A. rematio	1.	D. Notary or C.T.		
. Lievaiians (Show whether D.	F. K.I. elc. J 21A. Kind	é Status Plug, isona l	4500 <sup>1</sup> 218. Drilling Contractor	<u>Grayburg-</u>	<u>San Andres</u>			
3621.8' GR		t-on-file	N/A		22. Approx. 1	Date Work will start		
•			· · · · · · · · · · · · · · · · · · ·					
		ROPOSED CASING AN						
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	I SETTING DEPT	H ISACKS OF		EST. TOP		
<u>11" or 12-1/4"</u>	<u>8-5/8"</u>	24#	1600'			surface		
7-7/8"	5-1/2"	15.5#	4500'	circu	ılate	surface		
						•		
ropose to drill an ill be run and eva roduction.	d equip well in t luated. Perfora	the Grayburg - te and/or stimu	San Andres form late as necessa	mation. A ary in att	After react	ning TD, logs ommercial		
		Mud Program:	0' - 1600	Native				
	•		1600' - 3800	' Brine -	Min propo	ction for		
			1000 0000	Strifte	safe hole	conditions		
OP Diagram Attache	d					conditions		
or bragian Actache	u		3800' - TD	Sait gei	/starch			
			0.1.1.0.1					
+6 - NMOCD, Hobs	1 - J. R. Barr	nett, Houston,	Rm. 21.156 1	- Ē. J. Na	sh, Housto	on, Rm. 4.206		
	1 - GCC	: 1- Texa	10 1-Petro Lei	NO				
ABOVE SPACE DESCRIBE PR . Lone, cive blowout prevent	OPOSED PROGRAMI IF P	ROPOSAL 15 TO DEEPEN O	R PLUG BACK, GIVE DATA (	DH PHESENT PRO	GUETIVE IONE AN	D PROPOSED NEW PROM		
reby centify that the information								
H. AA	1. 1		wieuge and bellet.					
ed Nam C. C	Kark	Tule_Asst. Adm	<u>in. Analyst</u>		9-7	-84		
(This space for .								
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ROVED DY	- 19 - 18 - 19 - 19 - 19 - 19 - 19 - 19		•	_				
DITIONS OF APPROVAL, IF				0	ATE			
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## NEW .ICO OIL CONSERVATION COMMISSION

Form C-102 -128 -65

<ol> <li>Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.</li> <li>If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).</li> <li>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?         <ul> <li>Yes</li> <li>No</li> <li>If answer is "yes," type of consolidation</li></ul></li></ol>			WELL LOC	ATION AND	ACREAGE	DEDICA	TION PL	AT		Supersed Effective	les C-12
ACCO PRODUCTION CO. SOUTH HORES G-SA CYLT For the set on the part of the set			All distanc	es must be from	the outer bou	nderies of	the Section				
B       5       195       38E       LEA         Set text the well with the set of	Operator AMOCO	PRODUCTION	CO.	L		н новв	S G-SA				
Actual Tourage Learning to write     Intermediate     LEA       Signal Lipselling Termination     Pool     Pool     MLST     Intermediate       362.1.36     Grayburg San Andres     Pool     Pool     Pool     Pool       1     Outline the acreage dedicated to the subject well by colored pencil or bachure marks on the plat below.     Pool     Pool       2     If more than one lease is dedicated to the well, outline each and identify the ownership thetrof (both as to working interest and royalty).     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?       (X) Yes     No     If unswer is "yes" type of consolidation     Unitization       If answer is "no". Hunswer is "yes" type of consolidation     Unitization     Unitization       If answer is "no". Hunswer is "yes" type of consolidation     Unitization       If answer is "no".     Interests have been consolidated (by communitization, unitization, force-pooling, etc?       No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or unit a non-standard unit, eliminating such interests, has been approved by the Communitization, intraction, force-pooling, or Otherwise) or unit a non-standard unit, eliminating such interests, has been approved by the Communitization, intraction, force-pool NULL DE COLLED.       Note:     AND OI PODULTION COMPANY       Note:     AND OI PODULTION COMP		Section	Township	· · · · · · · · · · · · · · · · · · ·	Range		County		<b>_</b>		
592       test from the NORTH       Line and       416       feature top the VEST       Line         3621.5       Gravburg San Andres       Hohks ESA       Desired Acresses         3621.6       Gravburg San Andres       Hohks ESA       Desired Acresses         1. Outline the acresse dedicated to the subject well by colored pencil or bachure marks on the plat below.       2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (boh 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 consolid dated by communitization, unitization, force-pooling, etc?       [2] Yes       No       If answer is "no;" list the owners and tract descriptions which have actually been consolidated. (Use reverse sade of this form if necessary.)         No allowable will be assigned to the well until all interests have been consolidated (by communitization, untization, forced-pooling, or otherwise)or until a non-standard unit, eliminating such interests, has been approved by the Commission.         416       402       ATD 710' ELL       CERTFICATION         MOTE:       AN AREA AROUND       EREPTION ALLY DRILLED.       CERTFICATION         MOTE:       AN AREA AROUND       EREPTION ALLY DRILLED.       EREPTION CHAR MERCHAR AROUND         MOTE:       AN AREA AROUND       EREPTION ALLY DRILLED.       EREPTION CHAR MERCHAR AROUND         MOTE:       AN AREA AROUND<				195	38	BE		LEA			
Observed Ener.       Brothering Formation       First       First       Control According to the subject well by colored pencil or bachure marks on the plat below.         1. Outline the acreage dedicated to the subject well by colored pencil or bachure marks on the plat below.       1       Annee         2. If more then one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).       3. If more then one lease of different ownership is dedicated to the well, have the interests of all owners been consolid dated by communitization, unitization, force-pooling, etc?         (X) Yes       No       If answer is "yes," type of consolidation       Unitization         If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse aide of this form in conserve).       No         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, have been approved by the Commission.         ADD       THES MELL WILL BE DIRECTIONALLY DRILLED.         THE WELL WILL BE DIRECTIONALLY DRILLED.       Centre of a factore of a star description or start description of the start of any haveledge and brief.         ADD       THE MELL WILL BE DIRECTIONALLY DRILLED.       Centre of a factore of a facto			NORTH	line and	416		<b>fee</b>	VEST			
10 outline the acreage decirated to the subject well by colored pencil or hackure marks on the plat below.     10 outline the acreage decirated to the subject well by colored pencil or hackure marks on the plat below.     110 outline the acreage decirated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).     111 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?     111 If answer is "no." If answer is "yes," type of consolidation			ormation				from the			Acreage:	
<ul> <li>2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both us to working interest and royalty).</li> <li>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?</li> <li>(A) Yes (No) If answer in "yes," type of consolidation <u>Unitization</u></li> <li>If answer in "no?" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form in facesaary).</li> <li>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.</li> <li>THIS OFTLE WILL BE DIRECTIONALLY DELLED.</li> <li>THIS OFTLE WILL BE DIRECTIONALY DELLED.</li> <li>THIS OFTLE WILL</li></ul>			-					······································	40		Acres
H 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.         Image: the second sec	<ol> <li>If more the interest an</li> <li>If more that</li> </ol>	an one lease i d royalty). n one lease of	s dedicated t different own	o the well, o ership is ded	utline each licated to t	ı and ider	ntify the c	wnership t	hereof (bo	th as to w	
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.	If answer i	s "no," list the							ated. (Use	reverse s	ide of
302       THE BOTTOM HOLE LOCATION WILLI BE 660' FNL AND 710' FUL.       I hereby certify that the information con- tained herein is true and complete to the best of my knowledge and belief.         NOTE:       AN AREA AROUND THE LOCATION WAS M-SCOPED AND NO BURIED PIPELINES WERE FOUND.       Nome Location Company AMOCO PRODUCTION COMPANY Date         0       Month and the set of my supervision and that the set of my knowledge and belief.         1       hereby certify that the well location about on this plat was plated from field motes of occurs survey and by me or under my supervision and that the set of my knowledge and belief.         1       hereby certify that the well location about on this plat was plated from field motes of occurs surveys made by me or under my supervision and that the set if two and correct to the best of my knowledge and belief.         Date Surveysd 6/115/84/ Profile No. Jonk we west, bree         200       MOLE DESTRES	this form if No allowab forced-pool	necessary.) le will be assig	ned to the wel	ll until all in	terests hav	e been c	onsolidate	ed (by com	munitizati	on. unitiz	ation
THE LOCATION WAS M-SCOPED AND NO BURIED PIPELINES WERE FOUND. 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. Date Surveyed 6/15/84 Heglatered Procleasional Engineer and/or Lond Surveyor Cettificate No JOHN W WEST. 676	K . I .	THE B	оттом норе		•		1	tained he	certify that t rein is true c	he informatio and complete	
THE LOCATION WAS M-SCOPED AND NO BURIED PIPELINES WERE FOUND. 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. Date Surveyed 6/15/84 Heglatered Procleasional Engineer and/or Lond Surveyor Cettificate No JOHN W WEST. 676		NOTE -		<u> </u>	 			Name Fosition	y C. 1	Clark	)
WERE FOUND.       Date         9-7-84         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.         Date Surveyed 6/15/84         Peglatered Professional Engineer and/or Land Surveyor         Date Surveyed 6/15/84		THE LOC	ATION MAS 1	M-SCOPED	1			Company	······		
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. Date Surveyed 6/15/84 Peglstered Professional Engineer and/or Land Surveyor Supervision John W WEST, 676		1			1			*	<u></u>		ANY
6/15/84 Feglistered Professional Engineer and/or Land Surveyor Construction No. JOHN W WEST, 676								shown on notes of a under my is true of	this plat was actual surve supervision, nd correct t	i plotted from ys made by and that the	m field me ar E same
								6/ Registered F	15/84 Professional	Engineer	
	C 330 660 '9	0 1320 1650 19	0 2310 2640	2000	1500 10	1	' '				676 3239

S. JOARD 2000 PSI W.P. BOP STACK

- 1. Blow-out preventers may be manually operated.
- All equipment must be in good condition, 2,000 psi W.P. (4,000 psi test) minimum.
- Sell nipple above blow-out preventer shall be same size as casing being drilled through.
- 4. Kelly cock to be installed on kelly.
- Full opening safety valve 2,000 psi w.p. (4,000 psi test) minimum must be available on rig floor at all times with proper connection or subs to fit any tool joint in string.
- Spool or cross may be eliminated if connections are available in the lower part of the blow-out preventer body.
- Double or space saver type preventers may be used in lieu of two single preventers.
- 8. BOP rams to be installed as follows:\*

Top preventer - Drill pipe or casing rams Bottom preventer - Blind rams

\*Amoco District Superintendent may reverse location of rams.

- 9. Extensions and hand wheels to be installed and braced at all times.
- 10. Manifold valves may be gate or plug metal to metal seal 2" minimum.

