ENERGY AND MITTERS DEPAR			TON DIVISION	Form C-10 Revised 1	1				
		P. O. BOX 2088 SANTA FE, NEW MEXICO 87501 SA. Indicate Type of Le							
OBTRIBUTIO4	SAL	ITA FE, NEW N	MEXICO 87501	,					
FILE				5, Linte Oil & Gas Lorine flu.					
V.S.G.S.									
LAND OFFICE				77777	THITTHING.				
OPERATOR	1 2 10 10 10 10 10 10 10 10 10 10 10 10 10	DOUL DECDEN	OD BLUC BYCK	(/////					
	FOR PERMIT TO	DRILL, DEEPER	, OR PLUG BACK	7. Unit Aq	7. Unit Agreement Name				
In. Type of work									
DRILL [DEEPEN	PLUG E	BACK B. Firm or	8. Firm of Leane Hame				
b, Type of Well			SINCLE X	Kevs 6	Keys Gas Com A				
2. Jime of Operator	OTHER		2011 (2.5	9. Well No	9. Well No.				
AMOCO PRODUCT	TION COMPANY				2				
3. Address of Operator				10. Field	and Pool, or Wildcat				
501 Airport [Orive, Farmingto	n, NM 87401		Basi	n Dakota				
4. Location of Well	Loc	1660	PECT FROM THE NOrth	LIME					
UNIT LETTE	K LOC	A120			PX HALLIIII				
1770	West LIN	c or sec. 27	TWP. 32N POF. 10W	MAN TINX					
Tillinmmi	MITTITITI			12. Count					
				San Ju	isn Allthit				
444444444									
					120, Hotary or C.T.				
<i>\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>			7768!	TgA. Fermation Dakota	Rotary				
			.1		ox. Date Work will start				
Li. Lievations (Show whether I)F.			21B. Drilling Contractor						
5947' GL	State	<u>wide</u>	Unknown	lAs_so	oon as permitted				
23.	P	ROPOSED CASING A	ND CEMENT PROGRAM						
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO	OT SETTING DEPTH	SACKS OF CEMEN	EST. TOP				
12 1/4"	9 5/8"	32.3#	300!	300	Surface				
8 3/4"	7"	20年	3200'	420	- Surface				
6 1/4"	4 1/2"	11.6#	7768'	700	Surface				
Amoco proposes to de The well will be drithen be drilled to then be drilled to Copies of all logs will be employed; so Upon completion the	illed to the sur 3200 ft. using a TD with gas. Co will be filed up ee attached drav	rface casing particles of the completion desired completion completion wing for blowd	point using native nondispersed mud sign will be based in. Amoco's standa out preventer des	e mud. The welsystem. The we on open hole loard blowout preign.	l will will ogs.				
teveled.			12 3.13 1.13 1 0001 V	/201	MINE				
Gas produced from t	APPROVAL VA his wor bold 1997 DRILLING COMP	dedicated to	a gas sales conti	ract. / KLU JAN	23 1981				
	EXPIRES 7-23	-81		\ ∩1 C(ON. COM.				
IN ADOVE SPACE DESCRIBE PO	1 th Photones, 11			DH PRESENT PRODUCTIVE I	OHE AND PROPOSED NEW PRODU				
I hereby cortify that the informat	ion shave is true and can	plete to the best of m	y knyswiedge and belief.						
Oddini Greed	Ву	Distri	ict Engineer	Date	1-21-81				
Signed	DELICIONE POLICE EL FILLE DE LA CENTRAL DOCUMENTO		Description Company of the Company o	AND OVER THE PARTY OF THE PARTY					
(This space for	30	Zhotal.		DAYK	141 1 181				
CONDITIONS OF APPROVAL, I	X	TITLE							

Form C-107 kevised 10-1-78

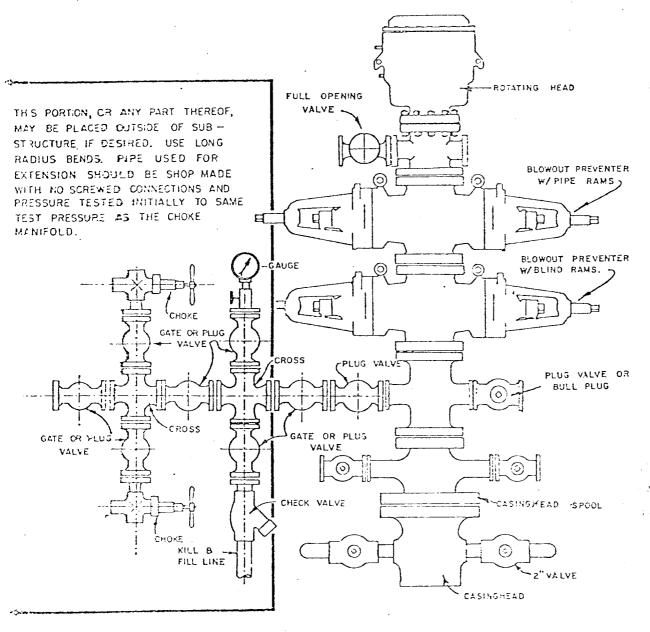
STATE OF NEW MEXICO

P. O. BOX 2088 THERGY AND MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501

and to from the cuter houndaries of the Section.

AMOCO PRODUCTION COMPANY AMOCO PRODUCTION COMPANY KEYES GAS COM "A." 2		Well No			1,5 CAGETIFE TO						
Actual Footage Location of Well 1660 feet from the North line and 1770 feet from the West line	· 1	Well No.				•					Operato
Unit Letter F 27 32N 10N San Juan Actual Footage Location of Wellt 1660 feet from the North line and 1770 feet from the West line Ground Lyvel Elev: Fractual Fortage dedicated to the subject well by colored pencil or hachure marks on the plat below. 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 wo interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been condated by communitization, unitization, force-pooling, etc? X Yes No If answer is "yes," type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse sithis form if necessary). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Consolidation. CERTIFICATION I hereby certify that the information of the properties of the proper					S GAS COM			.NY	ION COMPA	PRODUCT	AM
Actual Footage Location of Wellt 1660 1600 16						Range					
1660 test from the North line and 1770 feet from the West line Ground Level Elev: 59li7 DAKOTA BASIN DAKOTA 320 A 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 wo interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been condated by communitization, unitization, force-pooling, etc? X Yes No If answer is "yes," type of consolidation Communitization If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse sithis form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, sion. CERTIFICATION I hereby certify that the information of the information of the property			Juan	San	10W		·	32!	27		F
Pool Producting Formation Pool BASIN DAKOTA Pool 320 A			7.7 4						of Well:	tage Location	Actual
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 wo interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been condated by communitization, unitization, force-pooling, etc? X Yes				from the	feet	177	line and	North	t from the	fee	16
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2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to wo interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been condated by communitization, unitization, force-pooling, etc?	Acres										59
AMOCO Meanswer is "no;" list the owners and tract descriptions which have actually been consolidated. (Use reverse sithis form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Consion. CERTIFICATION I hereby certify that the information.		hereof (both as to wor	wnership th	entify the	each and ide	l, outline	to the wel	s dedicated	one lease is	more than c	2.
CERTIFICATION I hereby certify that the information	side of	ated. (Use reverse signmunitization, unitiza	tion en consolida	nunitiza	hich have a	of consolicriptions	, force-pooling yes," type of tract descriptions with the type of type of the type of type of the type of	unitization answer is " e owners ar	No If no;' list the cessary.)	Yes answer is "answer is "allowable ved-pooling.	
		CERTIFICATION				i		1111		on.	
AMOCO FEE Ogg Tained herein is true and complete best of my knowledge and belief.	te to the	erein is true and complete :	tained he		,	! ! !			1660'		17
Norme W. L. PETERSON Position DISTRICT ENGINEER			W. L. P						 	-	/ / / /
Sec. Company AMOCO PRODUCTION COMPA Date 1-21-81	ANY	PRODUCTION COMPA	Company AMOCO F			i		ec.	l l S		
I hereby confly that the well los shown on this pidewest plotted from notes of octual surveys, made by under my supervision, and that the lis true and correct to the best knowledge and belief.	rom field by me or the same	n all a pradewos plotted from f octual surveys, made by y supervision, and that the and correct to the best	shown on notes of under my is true			. :	27				
AMOCO FEE January 20, 1981 Registered Frotessional Englished		20 1981 de Fotessional/Englagen	Date Survey January Registered		. <u></u> -				AMOCO		
Scale: 1"=1000' Scale: 1"=1000' Grid Ward Surveyor Fred R. Kerr Jr. Certificate No. 3950		R. Kerr Jr.	220						\ 		

- Blowout Preventers and Master Valve to be fluid operated, and all fittings must be in good condition.
- Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
- 3. Nipple above Blowout Preventer shall be same size or larger than BOP being drilled through.
- 4. All fittings to be flanged.
- 5. Omsco or comparable safety valve must be available on rig floor at all times with proper connection or sub. The I.D. of safety valve should be as great as I.D. of tool joints of drill pipe, or at least as great as I.D. of drill collars.



BLOWOUT PREVENTER HOOKUP

API Series # 900

EXHIBIT D-4
OCTOBER 15,1969

Operation of BOP by closing both pipe and blind rams will be tested each trip or, on long bit runs, pipe rams will be closed once each 24 hours.