		r****			<u> </u>		11
Porm 3160-3 (December 1990) - O DRAW			OF THE IN	SUBNIT IN Other last reverse ITERIOR	Tuctions on	Budget Bureau Expires: Dece	No. 1004-0136 UUT mber 31, 1991 •.
ARTE	HA, NM, B	8210-	LAND MANAGI			5. LEASE DEGIGNATION	AND BBRIAL NO.
						NM 10191	
APPL	ICATION F	OR PE	RMIT TO D	RILL OR DEEPEN		6. IF INDIAN, ALLOTTE	B OR TRIBE RAME
1a. TIPE OF WORK				<b></b>		N/A	
D. TIPE OF WELL			DEEPEN	-		7. UNIT AGEBEMBAT I 14-08-001-11 East Shugart	.572 Unit
WELL XJ		THEL	1	SINGLE MULT		S. FARME OR LEASE HANKE, WE	
2. NAME OF OPERATOR			613.	1	1	East Shugart	Unit #77
Devon Energy	Corporatio	n (Nev	ada)			9. AT WELLIND.	
8. ADDRESS AND TELEPHONE NO.				(405) 235-36		30-015-28	219
20 N. Broadwa	ay, Suite 1	<u>.500, 0</u>	klahoma Cit	y, OK 73102-8260		10. FIELD AND POOL, (	
At HURLECY						Shugart (Y-S	
155	$\mathcal{X}$	21201	(not)	120 - <b>16</b> 0-		11. SBC., T., R., M., OR AND SUBVEY OF A	ALE.
At proposed prod. soi	e (Same)			56430	$b_{i} = b_{i}$	Unit J Section 35-7	
14. DIRTANCE IN MILES	AND DIRECTION FE		T TOWN OI FORT	Price .		12. CODNTT OR PARISE	
15 1/2 miles	southeast	of Loc	O Hills, N	4		Eddy	NM
15. DIBTANCE FROM PROP LOCATION TO NEAREST PROPERTY OR LEASE I (Also to mearest drig	t JNR, FT.	33		6. NO. OF ACARS 314 484870		P ACERS ABBIGNED	
18. DISTANCE FROM PROP	OBED LOCATION*			9. PROPOSED DEPTH	20. BOTAS	T OR CABLE TOOLS	
TO NEAREST WELL, D or applied for, on the	RILLING, COMPLET In LEASE, FT.	<b>**</b> • 70	0'	4200'		rotary	
21. ELEVATIONS (Show whe	ther DF, RT, GR,	, etc.)	<b>GL</b> 3639'		_ <u>+</u>	22. APPROS. DATE WO	AK WILL START*
23.	<u> </u>	 PI		AND CEMENTING PROGRA			
SIZE OF ROLE			WENNIT FER POOT				
17 1/2"	14"			40 1		QUANTITT OF CEMER	
$\frac{12}{12} \frac{1}{4''}$		-55	0.4.11		CMT W1	th readi-mix t	o surface
			7 <u>7</u> #	9501		Tite 1 200	
7 7/8	5 1/2" J		<u>24#</u> 15-5#	<u> </u>	300 sx	Lite + 200 sx	Class C
7 7/8	•	-55	15.5#	<u>950'</u> 4200'	300 sx	Lite + 200 sx Lite + 500 sx	Class C
We plan to circulate ce	ment to surface	= 55	15.5# sing strings.	4200'	300 sx 550 sx	Lite + 500 sx	Class C Class C
We plan to circulate ce Devon Energy propose	ment to surface	= 55 e on all ca	15.5# Ising strings.	4200'	300 sx 550 sx	Lite + 500 sx	Class C Class C
We plan to circulate ce Devon Energy propose noncommercial, the we	ement to surface s to drill to 420 ell bore will be	= 55 e on all ca 00 <sup>°</sup> to test plugged a	15.5# using strings. t the Queen Sand and abandoned p	4200' d formation for commerci er Federal regulations. P	300 sx 550 sx al quantitic rograms to	Lite + 500 sx DEC 01.'97 s of oil. If the Queen adhere to onshore oi	Class C Class C n is deemed l and gas
We plan to circulate ce Devon Energy propose noncommercial, the we regulations are outlined	ement to surface s to drill to 420 ell bore will be	= 55 e on all ca 00 <sup>°</sup> to test plugged a	15.5# using strings. t the Queen Sand and abandoned p	4200' d formation for commerci er Federal regulations. P	300 sx 550 sx al quantitic rograms to	Lite + 500 sx DEC 01.'97 s of oil. If the Queen adhere to onshore oi	Class C Class C n is deemed l and gas
We plan to circulate ce Devon Energy propose noncommercial, the we regulations are outlined Drilling Program	s to drill to 420 and to drill to 420 and the soll be and the following	= 55 e on all ca 00 <sup>°</sup> to test plugged a	15.5# using strings. t the Queen Sand and abandoned p	4200' d formation for commerci er Federal regulations. P	300 sx 550 sx al quantitic rograms to	Lite + 500 sx DEC 01.'97 s of oil. If the Queen adhere to onshore oi	Class C Class C n is deemed l and gas
We plan to circulate ce Devon Energy propose noncommercial, the we regulations are outlined <u>Drilling Program</u> Surface Use and Opera	ement to surface s to drill to 420 ell bore will be d in the following ting Plan	-55 e on all ca 00 <sup>3</sup> to test plugged a ng exhibit	15.5# using strings. t the Queen Sand and abandoned p ts and attachmen	4200' d formation for commerci er Federal regulations. P	300 sx 550 sx al quantitic rograms to	Lite + 500 sx DEC 01.'97 s of oil. If the Queen adhere to onshore oi	Class C Class C n is deemed l and gas
We plan to circulate ce Devon Energy propose noncommercial, the we regulations are outlined <u>Drilling Program</u> Surface Use and Opera Exhibits #1/1-A = Blow	s to drill to 420 ell bore will be d in the followi ting Plan wout Preventior	-55 e on all ca 0 <sup>3</sup> to test plugged a ng exhibit n Equipme	15.5# using strings. t the Queen Sand and abandoned p ts and attachmen	4200' d formation for commerci er Federal regulations. P	300 sx 550 sx al quantitic rograms to	Lite + 500 sx DEC 01.'97 s of oil. If the Queen adhere to onshore oi	Class C Class C n is deemed l and gas
We plan to circulate ce Devon Energy propose noncommercial, the we regulations are outlined <u>Drilling Program</u> Surface Use and Opera Exhibits #1/1-A = Blox Exhibit #2 = Location	s to drill to 420 ell bore will be d in the following ting Plan wout Prevention and Elevation F	-55 e on all ca 00'* to test plugged a ng exhibit n Equipmo Plat	15.5# using strings. t the Queen Sand and abandoned p ts and attachmen	4200' d formation for commerci er Federal regulations. P nts. The undersigned acc stipulations and restr	300 sx 550 sx al quantitie rograms to epts all app rictions cond	Lite + 500 sx DEC 01.'97 so foil. If the Queen adhere to onshore of ARTESIA, OFFICE licable terms, conditions of	is deemed and gas Post ID-1 12-9-94 ions, Mar La HAPT
We plan to circulate ce Devon Energy propose noncommercial, the we regulations are outlined <u>Drilling Program</u> Surface Use and Opera Exhibits #1/1-A = Blow	s to drill to 420 ell bore will be d in the following ting Plan wout Prevention and Elevation F d Map and Top	-55 e on all ca plugged a ng exhibit n Equipmo Plat o Map	15.5# using strings. t the Queen Sand and abandoned p ts and attachmen	4200' d formation for commerci er Federal regulations. P	300 sx 550 sx al quantitie rograms to epts all app rictions con-	Lite + 500 sx DEC 01.'97 so foil. If the Queen adhere to onshore of ARTESIA, OFFICE licable terms, conditions of	is deemed and gas Post ID-1 12-9-94 ions, Mar La HAPT

Exhibit #6 = Rotary Rig Layout Exhibit #7 = Casing Design

H<sub>2</sub>S Operating Plan

Legal Description: Section 35-T18S-R31E Formation: Queen Sand Bond Coverage: Nationwide BLM Bond #: CO-1104

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

BIGNED _ E. J. Bullross Jr.	E.L. Buttross, Jr. District Engineer	09-20-94 /cg
(This space for Federal or State office use)		APPROVAL SUBJECT TU
PERMIT X0	APPR0VAL DATE	SENERAL REQUIREMENTS AND
Application approval does not warrant or certify that the applicant holds CONDITIONS OF APPROVAL, IF ANY:	legal or equitable title to those rights in the subject lease which w	SPECIAL STIPULATIONS
CONDITIONS OF APPROVAL, IF ANY:		TACKED
STATION CETTON PR	Acting) AREA MANAGER	11-20-9H
		DATE TAY

#### "See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false. Delitious or fraudulent statements or representations as to any matter within its jurisdiction.

1 wm 3160-5 (June 1990) DEPA	UNT D STATES	-、					
BURE	AU OF LAND MANAGEMENT	FORM APPROVED Budget Bureau No. 1004-0135					
	NOTICES AND REPORTS ON WELLS Is to drill or to deepen or reentry to a different re	Expires March 31, 1993 5. Lease Designation and Serial No.					
	TION FOR PERMIT—" for such proposals	SERVOIF. NM 10191 6. If Indian, Allottee or Tribe Name					
	SUBMIT IN TRIPLICATE	N/A					
1. Type of Well		7. If Unit or CA, Agreement Designation 14-08-001-11572					
2. Name of Operator DEVON ENERGY CORPORAT		8. Well Name and No.					
3. Address and Telephone No.	TE 1600, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-	East Shugart Unit #77 9. API Well No. 3611					
4. Location of Well (Footage. Sec., T., R., M.		10. Field and Pool, or Exploratory Area					
Unit J, Section 35-T18S-R31E, 1	• •	Shugart (Y-SR-Q-G) 11. County or Parish, State					
	·····						
		Eddy Cnty, NM					
CHECK APPROPRIAT	E BOX(s) TO INDICATE NATURE OF NOT						
Notice of Intent							
Subsequent Report	Abandonment Recompletion Plugging Back	Change of Plans Construction Non-Routine Fracturing					
Final Abandonment Notice	Casing Repair Casing Casing Altering Casing Other Changed location	Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well					
locations and measured and true vertical dept Please be advised the	early state all pertinent details, and give pertinent dates, including estimated dat hs for all markers and zones pertinent to this work.)* ESU #77 location has been moved 470' wes 650' FEL to 1550' FSL & 2120' FEL. (See	st and 470' south					
The new location be a		5					
The new rocation of a	icited.						
		152					
		<u>2.</u> (7)					
14. I hereby certify that the foregoing is true a	nd correct CANDACE R. GRAHAM						
Signed Candace R. 17 (This space for Federal or State office use)	rahan Title ENGINEERING TECH.	Date <u>11/4/94</u>					
Approved by	Title	Date					
Conditions of approval, if any:		Lau					
Title 18 U.S.C. Section 1001, makes it a crime for any any matter within its jurisdiction.	y person knowingly and willfully to make to any department or agency of the Un	nited States any false, fictitious or fraudulent statements or representations as to					
	*See Instruction on Reverse Sid	ie					

uction on Reverse Side

Summit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410

## State of New Mexico ergy, Minerals and Natural Resources Depar

# **OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of th

Operator	·				Lease		s of the section	_	
Devon H	Energy	Corpo	oration		!	st Shuc	gart Unit		Well No.
Unit Letter	Section		Township						77
J	35		18 Sc	uit b	Range 31	East		County	
Actual Footage Lo	1					Last	NMP	л <u> </u>	Eddy
	50 <sub>feet from</sub>		outh				2120	<b>D</b> -	
Ground level Elev.		Producing	Formation	line and	<b>D</b> 1		2120 feet from	nthe Eas	line
3633					Pool				Dedicated Acreage:
	ne the arma	e dedicated	to the subject u		<u> </u>				Acres
				ell by colored pen					
2. lf mo	re than one l	lease is dedi	cated to the wel	l, outline each and	identify the	ownershin the	reof (both as to work	ing internet and	t mustur)
unitiz	ation, force-	ncase of diffe	rent ownership	is dedicated to the	well, have t	ne interest of a	ill owners been cons	olidated by con	nmunitization,
	Yes	, <u>"</u> п	No If:	insuler is "vec" tue	e of contails	la tin -			
If answe	er is "no" list	the owners	and tract descri	ptions which have	actually been	consolidated	(Use reverse side o		
INO allov or until	NADIC WIII DO	e assigned to	the well until a	Il interests have be	en consolida	ted (by comm	unitization, unitizatio	on, forced-pooli	ing, or otherwise)
	- DOII-SCATIGA	iu unit, enm	unaung such int	erest, has been app	roved by the	Division.		•	,
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									TOR CERTIFICATION
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	ļ							best of my know	wledge and belief.
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				VIIII	TTT	7		JORVE	TOR CERTIFICATION
				$\mathbf{V}$		Λ		I hereby certi	ify that the well location shown
				V///		Λ		on this plat	was plotted from field notes o
				V///		/		actual survey	is made by me or under m
			500	V / / /		/i		supervison, a	nd that the same is true and he best of my knowledge and
	1		363	2,5///	<u> </u>	A		belief.	te dest of my knowledge and
	i		<b>.</b>		<i>¥///</i>	4	2120'		
L			363	4.3/	<i>J</i> 3,629,	2		Date Surveyed	
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Submit to Appropria District Office State Lease - 4 copie Fee Lease - 3 copies	= 5				State of Ne Is and Natu	w Mexico ral Resource	es Departr			Form C-102 Revised 1-1-89
DISTRICT I P.O. Box 1980, Hob		3240	(	OIL CON	P.O. Bo	x 2088		I		EXHIBIT 2
DISTRICT II P.O. Drawer DD, Ar	nesia, NM	88210		Santa Fe	:, New Me	xico 8750-	4-2088			
<u>DISTRICT III</u> 1000 Rio Brazos Rd	., Aziec, N	M 87410	WEL	L LOCATION	AND ACF	REAGE DE	DICATION I			
Operator					Lease					Well No.
Unit Letter		y corp		on (Nevad			jart Uni	t		77
J		35	Township 18	South	Range 31	East			unty Edo	dy
Actual Footage Loc	ation of We		<u>\</u>					<u>aoni or T</u>		
2020 Ground level Elev.	feet from			line ar			1650 <sub>fee</sub>	t from the	East	line
3639		Producing	Formation SS-Quee	an	Pool	Churrent	(N GD 0	 	1	Dedicated Acreage:
							(Y-SR-Q-	G)		40 Acres
1. Oduli	e ule acrea	se dedicated i	to the subje	ct well by colored	pencil or hach	ture marks on t	he plat below.			
2. If mor	e than one	lease is dedic	aled to the	well, outline each	and identify t	ne ownership th	icreof (both as to	workine in	terest and n	ovalty).
unitiza	tion, force-	pooling, etc.	rent owners ?	ship is dedicated to	the well, hav	e the interest of	f all owners been	consolidate	d by comm	unitization,
	Yes		No	If answer is "yes"	type of conse	olidation				
If answer	r is "no" lis	t the owners :	and tract de	scriptions which h	ave actually b	een consolidate	d. (Use reverse	side of		
No allow	if neccess:	e assigned to	the well we	uil all interacts be						
or until a	non-stand:	ard unit, elim	inating such	ntil all interests hav n interest, has been	c been consol	idaled (by com	munitization, uni	uzauon, for	ced-pooling	, or otherwise)
					-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
								- 1   C	<b>DPERAT</b>	OR CERTIFICATION
		Ì							I hereby	certify that the information
		1						сопла	ined hereiv	n in true and complete to the
		1						best o	of my knowl	edge and belief.
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		i I							d Name	Dullon Jr.
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					111.	<del>7 /</del>	<u> </u>		SURVEI	OR CERTIFICATION
		ł				/ 1		1 he	rehv cerlif	, that the well location shown
		1		/3636	.! <u> </u> ]]/!;	/3639.	7	on t	his plat w	as plotted from field notes of
		1					1650'			made by me or under my
						1/1				d that the same is true and best of my knowledge and
		1	1	3634	· 0' / T	/ 3632.	8	belie		best of my knowledge and
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# MINIMUM BLOWOUT PREVENTER RL

IMENTS

# 3.000 psi Working Pressure

3 MWP

### STACK REQUIREMENTS

No.			Min. I.D.	Min. Nominal
1	Flowine			
2	Fill up tine			2
3	Drilling nipple			
4	Annular preventer			
5	Two single or one dual hys operated rams	<i>inaulically</i>		
6.	Drilling speel with 2° min. I 3° min choke line outlets			
<b>6</b> b	2° min. kill line and 3° min. outlets in ram. (Alternate to	. choke line 6s above.)		
7	Valve	Gate D Plug D	3-1/8*	
8	Gate valve-power operate	d	3-1/8"	
9	Line to choke manifold		<u>                                     </u>	3.
10	Valves	Gale D Plug D	2-1/16*	
11	Check valve		2.1/16"	
12	Casing head			
13	Valve	Gate D Plug D	1-12/16*	· · · · · · · · · · · · · · · · · · ·
14	Pressure gauge with needle	velve		
	Kill line to rig mud pump me			2.
				<u> </u>

(	T		
		] ]	-0
<b>.</b>	PE RAMS	5	))
	HILLING		
		× 🕩	2

		OPTIONAL	
16	Flanged valve	1-13/16*	-

## CONTRACTOR'S OPTION TO FURNISH:

- 1. All equipment and connections above bradenhead or casinghead. Working pressure of preveniers to be 3,000 pcl, minimum.
- 2. Automatic accumulator (80 gallon, minimum) capable of closing BOP in 30 seconds or less and, holding them closed against full rated working pressure.
- 3.80<sup>p</sup> controls, to be incated near drillers Docition.
- 4.Kelly equipped with Kelly cock.
- 5.Inside blowout prevventer or its equivalent en derrick liper at all times with proper threads to fit pipe being used.
- 6.Kelly saver-sub equipped with subber casing protector at all times.
- 7.Plug type blowout preventer tester.
- S.Extra set pipe rams to it drill pipe in use on location at all times.
- 9. Type RX ring gaskets in place of Type R.

### MEC TO FURNISH:

- 1.Bradenhead or casinghead and side Valves
- 2.Wear bushing, Il required.

#### GENERAL NOTES:

- 1.Deviations from this drawing may be made only with the express permission of MEC's Drilling Manager.
- 2.All connections, valves, illings, piping, etc., subject to well or pump pressure must be flanged (autable clamp connections acceptable) and have minimum working pressure equal to rated working pressure of preventers up through chore. Valves must be full opening and suitable for high pressure mud service.
- 3.Controls to be of standard design and each marked, showing opening and closing position.
- 4. Chokee will be positioned so as not to hemper or delay changing al choke beens. Repleceable parts for adjustable cheke, ether been sizes, relainers, and choice wrenches to be conveniently located for immediate use.
- 5.All velves to be equipped with handwheels or handles ready for immediate **UBO.**
- 6. Choke lines must be suitably anchored.

#### 7.Handwheels and extensions to be connecied and ready for use.

- 8.Veives adjacent to drilling spool to be kept open. Use outside valves except for emergency.
- B.All seemiess sizel cantrol ploing (3000 pel working pressure) to have flexible joints to avoid stress. Hosee will be permitted.
- 10. Cesingheed connections shell not be used except in case of emergency.
- 11.Do not use kill line for routine ill-up operations.

EAST SHUGART UNIT Eddy County, New Mexico

EXHIBIT 1

#### CONFIGURATION A

Attachment to Exhibit #1 NOTES REGARDING BLOWOUT PREVENTORS Devon Energy Corporation (Nevada) East Shugart Unit #77 2020' FSL & 1650' FEL Section 35-T18S-R31E Eddy County, New Mexico

- 1. Drilling nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOP bore.
- 2. Wear ring will be properly installed in head.
- 3. Blowout preventor and all associated fittings will be in operable condition to withstand a minimum 3000 psi working pressure.
- 4. All fittings will be flanged.
- 5. A full bore safety valve tested to a minimum 3000 psi WP with proper thread connections will be available on the rotary rig floor at all times.
- 6. All choke lines will be anchored to prevent movement.
- 7. All BOP equipment will be equal to or larger in bore than the internal diameter of the last casing string.
- 8. Will maintain a kelly cock attached to the kelly.
- 9. Hand wheels and wrenches will be properly installed and tested for safe operation.
- 10. Hydraulic floor control for blowout preventor will be located as near in proximity to driller's controls as possible.
- 11. All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.

#### MINIMUM CHOKE MANIFOLD 3,000, 5,000 and 10,000 PSI Werking P.





EAST SHUGART UNIT Eddy County, New Mexico

EXHIBIT 1-A

AFTANA.	SUBSTRUCTURE
	ages week and

				MUM PEOL	REMENT	5				
			3,000 MMP			5.000 MMP	•			
No.		I.D	NOMINAL	RATING	LD.	NOMINAL	RATING	I.D.	NOMINAL	RATING
1	Line from drilling speel		3.	3,600		3.	5.000		3.	10.000
2	Cress 3"x3"x3"x2"			3.000			\$.000			
	Cross 3"x3"x3"x3"									10.000
3	Valves(1) Gate [] Plug [][2]	3-1/8*		3,000	3-1/8*		5,900	3-1/8"		10,000
4	Valve Gate C Plug (3(2)	1-13/16*		3,900	1-13/16*		5,000	1-13/16*		10,000
48	Valves(1)	2-1/16"		3.000	2-1/16"		5,000	3-141	<b> </b>	10.000
5	Pressure Gauge			3,000			5,000			10.000
•	Gale C Valves Plug D(2)	3-1/8*		3,000	3-1/8*		5,000	3-1/8*		10,000
7	Adjustable Chele(3)	2"		3,000	2		5.000	2*	<u>┼────</u> ┤	40.000
•	Adjustable Choke	1.		3,000	1*		5,000	2"	<u>├───</u>	10,000
9	Line		3.	3.000		3.	5,000		3.	10,000
10	Line		2"	3.900		2.	5,000			10,000
81	Valves Gate [] Plug [][2]	3-1/8*		3,800	3-1/8*		5,000	3-1/8*	3.	10,000
12	Lines		3-	1,900		3.				
13	Lines		3.	1,000		3.	1,000		3.	2,000
14	Remote reading compound standpipe pressure pauge			3.000			1,000		3.	2,000
15	Ges Separator	+	2'z5'							10,800
16	Line	+	4*	1.000		2'15'			2'15'	
				000.1		4*	1,000		4*	2.000
17	Valves Plag D(2)	3-14"		3,000	3-14*		5.000	3-1/8*		10.000

(1) Only one required in Class 3M.

(2) Gate valves-anily shall be used for Class 10M.

(3) Remote operated hydroulic choice required on \$,000 pel and \$0,000 pel for drilling.

# EQUIPMENT SPECIFICATIONS AND INSTALLATION INSTRUCTIONS

- 1. All connections in choice manifold shall be welded, studded, flanged or Cameron clemp of comparable rating.
- 2. All langes shall be API 6B or 6BX and ring gaskets shall be API RX or BX. Use only BX for 10 MWP.
- 3. All lines shall be securely anchored.
- Chokes shall be equipped with tungsten carbide seats and needles, and replacements shall be evaluable.
   Choke manifold pressure and standpipe pressure gauges shall be available at the choke manifold to assist in regulating chokes. As an alternate with automatic choices, a choice manifold pressure gauge shall be located on the rig floor in conjunction with the standpipe pressure gauge.
- 6. Line from drilling spool to choke manifold should be as straight as possible. Lines downstream from chokes shall make turns by large bends or 90° bends using bull plugged tees.
- 7. Discharge lines from chokes, choke bypass and from top of gas separator should vent as far as practical from the well.