Form 3160-3	ONC COLL. A	- AN	<b>503</b>	nerrin ther ins	Form approved.
Contraction of the contraction o	ONS. COMM A	PED STATE	`S``	teasure are	Budget Bureau No. 1004-0136 Expires: December 31, 1991
· UMAWEN	DD DEPARTMEN	T OF THE	INTERIOR	MAY ·	
artesia,	NM 88319 MM	AMAM MANA	GEMENT	MAY 10.'9	5. LEASE DESIGNATION AND SERIAL NO.
ADDI		AIRT V	2001.02.2		NM 10193
	<b>ICATION FORF</b>		DRILL OR DE	EPEN C. D.	6. IF INDIAR, ALLOTTED OR TRIBE NAME
la. TYPE OF WORK	TO THE	小儿多		ARTESIA, OFFIC	NA NA
b. TYPE OF WELL	RILL 🖾	DEEPEN	L		7. UNIT AGREEMENT NAME
oir 🖨	MAR 2	1 1994	SINGLE (T)	MULTIPLE (**	Shugart
WELL LA	WELL OTHER	- 1394	SONE X	BONE	S. PARM OR LEASE HAME WELL NO. 3493
Davon France	Corporatish (N		6/3	37	East Shugart Unit #51
8. ADDRESS AND TRANSPORTED	corporation 6N	evada) A		'Donnell	9. ATWELIO.
20 North Bro	17.02	'AU /	05) 552-4511		30-015-27945
4. LOCATION OF WELL ()	adway Stead 500 Report location charty 15	Oktahoma	City, OK 7.	3102	10. FIRLD AND POOL, OR WILDCAT
At surface 550	FSL & 200' FEL	UNORTHOD	Subject t	(O	Shugart (Y-SR-Q-G)
		LOCATION	V ^		11. SEC., T., R., M., OR REE. 56439
At proposed prod. so	same		By State	^	1
14. DISTANCE IN MILES	AND DIRECTION FROM HEA	PERS SOUL OF THE	•	UT. P	Section 34-T18S-R31E
_	outheast of Loc				12. COUNTY OR PARISE   13. STATE
10. DISTANCE FROM PROF	USED*	HIIIS, NM		· · · · · · · · · · · · · · · · · · ·	Eddy NM
LOCATION TO NEARES	T LINE FF.		16. NO. OF ACRES IN		O. OF ACRES ASSIGNED O THIS WELL
(Also to nearest dri 18. DISTANCE FROM PRO!	g. unit line, if any)	200'	80		40
TO NEAREST WELL I	BILLING, COMPLETED.		19. PROPOSED DEPTE	20. ad	PTARY OR CABLE TOOLS
OR APPLIED FOR, ON TH		800'	4500'	i	rotary
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)		Comiton O		1 22 APPROX 3450
23.		3622'	Capitan Controlle	d Water Basin	May 1, 1994
<b>23.</b>		PROPOSED CASE	IG AND CEMENTING	PROGRAM	
SIZE OF HOLE	GRADE, SER OF CASHO	WEIGHT PER PO	OT SETTING D	2774	
17 ½"	14"		40'		QUANTITY OF CRIMENT
12 눇"	8 5/8", K-55	24 ppf	950'	280	with readi-mix to surface
7 7/8"				µ200 8	2 TILE + TOO 8X 401/06A 10411
, ,,0	5 ½", J-55	15.5 ppf	4500'	550	Tito 1 500 - 01
		15.5 ppf	4500'		Ex Lite + 500 sx Class C
* We plan to	circulate cemen	it to surfac	e on all casi	ng strings.	
* We plan to Devon Energy pro	circulate cemen poses to drill to 4	t to surfac	e on all casi	ng strings.	components amendadas as
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Submit to Appropriate District Office State Lease — 4 copies Fee Lease — 3 copies

## State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

<u>DISTRICT I</u> P.O. Box 1980, Hobbs, NM 58240 OIL CONSERVATION DIVISION
P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II P.O. Drawer DD, Artesia, NM 86210

WELL LOCATION AND ACREAGE DEDICATION PLAT

DISTRICT III
1000 Rio Breson Rd., Autoc, NM 87410

All Distances must be from the outer boundaries of the section

Operator		711 00001000		Value boundaries of the s	SECTION SECTION	
DI	EVON ENERGY (	· · · · · · · · · · · · · · · · · · ·	Lease	EAST SHUGART U	NIT	Well No. 51
Unit Letter	Section	Township	Range		County	
P	34	18 SOUTH		31 EAST N	MPM	EDDY
Actual Footage Lo						
		UTH Hime and	200	fort	from the EAS	
Ground Level Ele	v. Producing Fo	renation.	Pool			Dedicated Acreage:
3622'		Sand	Shug	art (Y-SR-O-G)		40 Acres
2. If more than	one lease is dedic	ated to the well, outline	each and identify	hure marks on the plat y the ownership thereof	(both as to worki	ng interest and royalty).
direction,	one lease of differ force-pooling, etc.?	•			wners been conso	lidated by communitization.
Yes	☐ No	If answer is "yes" t	ype of consolidat	lon		
If answer is "ne	o" list of owners as	nd tract descriptions wi	nich have actually	been consolidated. (Use	reverse side of	
COLUMN DECOME	<b>417.</b>					
otherwise) or u	until a non-stande	o the well unit all interesting an	erests have been	been approved by the l	munitisation, u	nitization, forced-pooling,
				seen approved by the		
					OPERA!	TOR CERTIFICATION
	l	İ			I her	eby certify the the information
	l			1		vin is true and complete to the
	1				ones de sude su	smoledge and bolisf.
	1			1	Signature	
	1	1			11 27	· Bullios h.
	i			1	Printed Naz	ne O
	ـ	. <b></b>		<b>!</b> !	E. L.	Buttross, Jr.
	1			†	Position.	
	!				Distr	ict Engineer
	ļ				Company	Devon Energy
				1	Corpo	ration (Nevada)
	1			1	Date	-
İ				İ	3/11/	94
	į				SURVEY	OR CERTIFICATION
					I hereby certi,	ly that the well location chosen sea plotted from field notes of
	1			<del>-</del>		s made by me or under my
					supervison, a correct to t baller.	nd that the same (s true and he best of my bnowledge and
	ĺ			, 	Date Survey	
	i					RUARY 3, 1994
L	- <b>-</b>				Signature J	
					Professiona	
	ļ		ļ	//////		
				3620,6	3 5	and Shee
				<b>1</b> 620 <b>2</b> 3	618.8' Certificate	No. WOHN W. WEST. 676
				////		RONALD A FEDSON, 3239
0 330 660	990 1320 1650	1980 2310 2540	2000 1500	1000 500	0 g	4-11-0192B

### MINIMUM BLOWOUT PREVENTER REQUIREMENTS

#### 3,000 pel Working Pressure

#### 3 MWP

#### STACK REQUIREMENTS

N.	). Item	Min.	Min.
1	Flowing	1	Nominal
2	Fill up tine	<del></del>	2"
3	Dritting rapple		<del>                                     </del>
4	Annular preventer		<del>                                     </del>
5	Two single or one dual hydraulically operated rams		
60	Drilling speel with 2" min. hill line and 3" min choke line extlets	<del>                                     </del>	
<b>6</b> b	2" min. kill line and 3" min. choke line cutlets in ram. (Alternate to Se above.)	·	
7	Valve Gate D	3-1/6*	
ı	Gate valve—power operated	3-1/8"	
9	Line to choke manifold	<del>                                     </del>	3.
10	Valves Gate D Plug D	2-1/16"	
11	Check velve	2-1/16"	
12	Casing head		
13	Valve Gate D	1-13/16*	
14	Pressure gauge with needle valve		
15	Kill line to rig mud pump menilold		2"

<b>©</b> _	F	, p	
<b>®</b> —	-dj	<b>-</b>	
	ANNULAR PREVENTE		•
(	SLIND NAM!	— <b>\</b>	
	PIPE RAMS		_
	PRILLING		o F
<b>9</b>	GASING NEAD		•
•	CASONS	•	Ð

CONFIGURATION A

OPTIONAL	
16   Flanged valve	1-13/16*

### CONTRACTOR'S OPTION TO FURNISH:

- 1.All equipment and connections above bradenhead or casinghead. Working pressure of preventers to be 3,000 psl, minimum.
- Autometic accumulator (80 gallen, minimum) capable of closing BOP in 30 seconds or less and, holding them closed against full rated working pressure.
- 3.BOP controls, to be leceted near drillers position.
- 4. Kelly equipped with Kelly cock.
- 5.Inside blowout prevventer or its equivalent on derrick floor at all times with proper threads to fit pipe being used.
- Kelly saver-sub equipped with rubber casing protector at all times.
- 7. Plug type blowaut preventer tester.
- 8.Extra set pipe rame to fit drill pipe in use on location at all times.
- 9. Type RX ring gashets in place of Type R.

#### MEC TO FURNISH:

- Bradenhead or casinghead and aide valves.
- 2. Wear bushing, If required.

#### GENERAL NOTES:

- Deviations from this drawing may be made only with the express permission of MEC's Drilling Manager.
- 2.All connections, valves, fittings, piping, etc., subject to well or pump pressure must be flanged (subable clemp connections acceptable) and have minimum working pressure equal to rated working pressure of preventers up through ohors. Valves must be full opening and suitable for high pressure mud service.
- Controls to be of standard design and each marked, showing spening and closing position.
- 4. Choice will be positioned so as not to hamper or delay changing of choice beens. Replaceable parts for adjustable choice, other been sizes, retainers, and choice wrenches to be conveniently lecated for immediate use.
- S.All valves to be equipped with handwheels or handles ready for immediate use.
- 6. Choke lines must be suitably anchored.

- 7. Handwheels and extensions to be connected and ready for use.
- 8. Valves adjacent to drilling speci to be kept spen. Use sutside valves except for emergency.
- 9.All seemises steel central piping (3000 psi working pressure) to have flexible joints to avoid stress. House will be permitted.
- 18.Casinghead connections shall not be used except in case of emergency.
- 11.Do not use till line for routine fill-up operations.

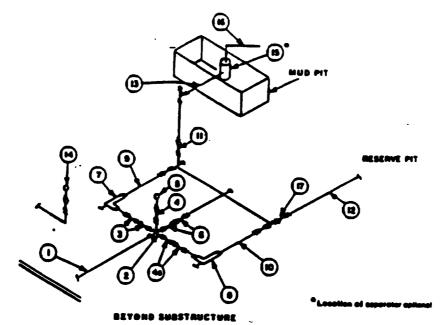
# Attachment to Exhibit #1 NOTES REGARDING BLOWOUT PREVENTORS

#### East Shugart Unit #51 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 CHOICE MANIFOLD 2.800, 5,800 and 10,800 PSI Working Pressure

#### 3 MWP - 5 MWP - 10 MWP



				MUM REOL	MEMENT	S				
No.		3.000 MMP			5.000 MMP			10,000 MWP		
-		I.D	NOMINAL		LD.	NOMINAL	MATING	I.D.	NOMINAL	RATING
<u> </u>	Line from drilling speel		3.	3,000		3-	5.000		3.	10.000
2				3,000			5,000	·		10,00
	Crees 3.83.83.83.									40.00
3	Valves(1) (Cate [] Plug [D(2)	3-1/8*		3,800	3-1/0"		5,000	3-1/8*		10,000
4	Valve Gate [] Plug [](2)	1-13/16-		3,900	1-13/16*		8,000	1-13/16"		10,000
48	Valvag(1)	2-1/16"		3,000	2-1/16"		5.000	31/8"	<del> </del>	
5	Proceure Gouge			3,000			5.000	-		10,000
•	Valves Gate C Plug ()(2)	3-149*		3,000	3-143°		5.000	3-1/E.		10,50
7	Adjustable Chelo(3)	2-		3,000	2-					W,500
	Adjustable Chale	1.		3,000	1.	<del>[</del>	5.000	2-		10,000
•	Line	<del>                                     </del>	3.		<u> </u>	<del> </del>	5,000	2"		10,000
10	Line			3.000		3.	8,000		3-	10,000
	604-6	-	2"	3.000		5.	\$.000		3.	10,000
11	Plug D(2)	3-18-		3,800	3-118°		8,000	3-1/8"		10,000
12	Lines		3-	1,500		3-	1,000			
13	Lines		3-	1,000		3.			3.	2,000
14	Remete reading compound standpipe pressure goupe			3.000		-	1,000	•	3-	2,000
15	Gas Separator	1	2'25'				-,		i i	10,000
	Line	╅	4.			5,E2.			2'25'	
	Case D	╅╼╼╼┪		1,000		4.	1,000		4.	2,000
17	Values Plug D(2)	3-10	- 1	3.000	3-18"		5,000	3-1/0"		

- (1) Only one required in Class 3M.
- (2) Gate valves only shall be used for Class 10M.
- (3) Remote apareted hydraulic shake required on \$,800 pel and 10,000 pel for drilling.

### **EQUIPMENT SPECIFICATIONS AND INSTALLATION INSTRUCTIONS**

- 1. All connections in choice manifold shall be welded, studded, flanged or Compres clamp of comparable rating.
- 2. All flanges shall be API 6B or 6BX and sing gaskets shall be API RX or BX. Use only BX for 10 MWP.
- 3. All lines shall be securely enchored.
- 4. Chakes shall be equipped with tungsten carbide seats and needles, and replacements shall be evaliable.

  5. Chake manifeld pressure and standpipe pressure gauges shall be available at the chake manifold to assist in regulating chakes. As an alternate with automatic chakes, a chake manifeld pressure gauge shall be located on the rig floor in conjunction with the standpipe pressure gauge.

  6. Line from drilling speed to choke manifold should be as straight as possible. Lines downstream from chokes shall make
- turns by large bands or 90° bands using bull plugged tees.
- 7. Discharge lines from chokes, chairs bypass and from top of gas separator should vent as far as practical from the well.