Form 3160-3 (December 1990)

CONDITIONS OF APPROVAL, IF ANY:

# UNIT STATES DEPARTMEN OF THE INTERIOR reverse side)

\* \* Oil Cons. Division

Form approved.

BUREAU OF LAND MANAGEMENT	4-7-97	nour
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IN TYPE OF WORK  B TYPE OF WELL  Other  Othe	ASE NAME, WELL NO. Federal #2 19423
IS TYPE OF WORK  DEVON ENERGY CORPORATION (NEVADA)  2 NAME OF OPERATOR  DEVON ENERGY CORPORATION (NEVADA)  3 ADDRESS AND TELEPHONE NO  20 N. BROADWAY, SUITE 1500, OKC, OK 73102 (405) 552-4511  4 LOCATION OF WELL Report location clearly and in accordance with any State requirements)  4 LOCATION OF WELL Report location clearly and in accordance with any State requirements)  4 LOCATION OF WELL Report location clearly and in accordance with any State requirements)  4 LOCATION OF WELL REPORT location (SAME)  14 COSTANCE PROF PROPOSED  15 DISTANCE PROF PROPOSED  16 SEC. 71.8  16 SEC. 71.8  16 SEC. 71.8  16 SEC. 71.8  17 JC SEC. 71.8  18 SEC. 71.8  19 JESTINGE PROF PROPOSED  19 JESTINGE PROF PROPOSED  10 JESTINGE PROF PROPOSED  11 JC SEC. 71.8  12 JESTINGE PROF PROPOSED  12 JESTINGE PROF PROPOSED  13 JESTINGE PROF PROPOSED  14 JESTINGE PROF PROPOSED  15 JESTINGE PROF PROPOSED  16 JESTINGE PROF PROPOSED  16 JESTINGE PROF PROPOSED  17 JC SEC. 71.8  18 JESTINGE PROF PROPOSED  18 JESTING DRFTS  19 JC SEC. 71.8  19 JESTING DRFTS  20 JT JC SEC. 71.8  21 JC SEC. 71.8  22 JESTING DRFTS  23 JESTING DRFTS  24 JP JC SEC. 71.8  25 JESTING DRFTS  26 JC SEC. 71.8  27 JESTING DRFTS  28 JC SEC. 71.8  28 JC SEC. 71.8  29 JC SEC. 71.8  20 JC SEC. 71.8  20 JC SEC. 71.8  20 JC SEC. 71.8  20 JC SEC. 71.8  21 JC SEC. 71.8  22 JESTING DRFTS  23 JC SEC. 71.8  24 JP JC SEC. 71.8  25 JC SEC. 71.8  26 JC SEC. 71.8  27 JC SEC. 71.8  28 JC SEC. 71.8  29 JC SEC. 71.8  20 JC SEC. 71.8  20 JC SEC. 71.8  20 JC SEC. 71.8  20 JC SEC. 71.8  21 JC SEC. 71.8  21 JC SEC. 71.8  22 JC SEC. 71.8  23 JC SEC. 71.8  24 JC SEC. 71.8  25 JC SEC. 71.8  26 JC SEC. 71.8  27 JC SEC. 71.8  28 JC SEC. 71.8  29 JC SEC. 71.8  20 JC SEC. 71.8  21 JC SEC. 71.8  21 JC SEC. 71.8  22 JC SEC. 71.8  23 JC SEC. 71.8  24 JC SEC. 71.8  25 JC SEC. 71.8  26 JC SEC. 71.8  27 JC SEC. 71	MENT NAME ASE NAME, WELL NO. Federal #2 19423
Other DEVON ENERGY CORPORATION (NEVADA)  2 NAME OF OPERATOR  DEVON ENERGY CORPORATION (NEVADA)  3. ADDRESS AND TELEPHONE NO.  20 N. BROADWAY, SUITE 1500, OKC, OK 73102 (405) 552-4511  4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  At top proposed prod. zone (SAME)  14. DESTANCE THE MILLES AND STRECTION FROM MEARAST TORM OR POST OFFICES  Approximately 7 miles southleast of Artesia, NM  15. DISTANCE PROF PROPOSED  LOCATION TO MEARAST  PROPOSED CASING AND CEMENTIN FROM PROPOSED  LOCATION TO MEARAST  PROPOSED CASING AND CEMENTIN FROM PROPOSED  LOCATION TO MEARAST  PROPOSED CASING AND CEMENTIN FROM  16. ND. OF ACRES IN LEASE  17. ASSOCIATED WILL NO.  18. DISTANCE PROF PROPOSED  LOCATION TO MEARAST  PROPOSED CASING AND CEMENTIN FROM  18. DISTANCE PROF PROPOSED  LOCATION TO MEARAST  PROPOSED CASING AND CEMENTIN FROM  19. DISTANCE PROF PROPOSED  LOCATION TO MEARAST  PROPOSED CASING AND CEMENTIN FROM  19. DISTANCE PROF PROPOSED  LOCATION TO MEARAST  PROPOSED CASING AND CEMENTIN FROM  22. APPROF  31. EMPAYLOSE Show whether DF. RT. GR. ctc.)  11. LOSTANCE PROF PROPOSED  LOCATION TO MEARAST  PROPOSED CASING AND CEMENTIN FROM  AND THE PROPOSED LOCATION  19. DISTANCE PROF PROPOSED  LOCATION TO MEARAST  PROPOSED CASING AND CEMENTIN FROM  22. APPROF  32. APPROF  33. PROPOSED CASING AND CEMENTIN FROM  34. DISTANCE PROF PROPOSED  LOCATION TO MEARAST  19. LOCATION PROPOSED  LOCATION TO MEARAST  19. DISTANCE PROF PROPOSED  LOCATION TO MEARAST  19. DISTANCE PROF PROPOSED  LOCATION TO MEARAST  19. LOCATION TO MEARAST  19. DISTANCE PROF PROPOSED  LOCATION TO MEARAST  19. LOCATION TO MEARAST  19. DISTANCE PROF PROPOSED  LOCATION TO MEARAST  19. L	ASE NAME, WELL NO. Federal #2 19423
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DEVON ENERGY CORPORATION (NEVADA)  3. ADDRESS AND TELEPHONE NO. 20 N. BROADWAY, SUITE 1500, OKC, OK 73102 (405) 552-4511  4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  At top proposed prod. Zone (SAME)  14. DISTANCE FINE MELES AND DIRECTION FROM NEAREST TORN OR FOST OFFICE- Approximately 7 miles southeast of Artesia, NM  15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LIFE, FT.  16. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL DISTANCE, ORDELTED, OR APPLIED FOR, OR THIS LEASE, FT.  17. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL DISTANCE, COMPLETED, OR APPLIED FOR, OR THIS LEASE, FT.  17. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL DISTANCE, COMPLETED, OR APPLIED FOR, OR THIS LEASE, FT.  18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL DISTANCE, COMPLETED, OR APPLIED FOR, OR THIS LEASE, FT.  19. PROPOSED CASING AND CEMENTIN PROPOSED  223.  PROPOSED CASING AND CEMENTIN PROPOSED  234.  PROPOSED CASING AND CEMENTIN PROPOSED  245.  PROPOSED CASING AND CEMENTIN PROPOSED  256.  PROPOSED CASING AND CEMENTIN PROPOSED  257.  PROPOSED CASING AND CEMENTIN PROPOSED  258.  PROPOSED CASING AND CEMENTIN PROPOSED  259.  PROPOSED CASING AND CEMENTIN PROPOSED  250.  PROPOSED CASING AND CEMENTIN PROPOSED  251.  PROPOSED CASING AND CEMENTIN PROPOSED  252.  PROPOSED CASING AND CEMENTIN PROPOSED  253.  PROPOSED CASING AND CEMENTIN PROPOSED  254.  PROPOSED CASING AND CEMENTIN PROPOSED  255.  PROPOSED CASING AND CEMENTIN PROPOSED  256.  PROPOSED CASING AND CEMENTIN PROPOSED  257.  PROPOSED CASING AND CEMENTIN PROPOSED  258.  PROPOSED CASING AND CEMENTIN PROPOSED  259.  PROPOSED CASING AND CEMENTIN PROPOSED  250.  250.  250.  250.  250.  250.  250.  250.  250.  250.  250.  250.  250.  25	1973)
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4. OCATION OI WELL (Report location clearly and in accordance with any State requirements)*  Al surface 990° FNL & 330° FEL  Al top proposed prod. zone (SAME)  14. DISTANCE 180 PROPOSED LOCATION 7 miles southeast of Artesia, NM  15. DISTANCE 1800 PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  (A) Superactive multiple general part of the proposed location of	- ( o ( o
At top proposed prod. zone (SAME)  14. DISTANCE IN MILES AND DERECTION FROM NEAREST TOWN OR POST OFFICE*  Approximately 7 miles southeast of Artesia, NM  15. DISTANCE FROM PROPOSED  LOCATION TO NEAREST  PROPOSED LOCATION*  TO NEAREST WELL, DATALISM, COMPLETED,  TO NEAREST WELL, DATALISM, COMPLETED,  TO REAREST WELL, DATALISM, COMPLETED,  TO REAREST WELL, DATALISM, COMPLETED,  TO REAPEST WELL, DATALISM, COMPLETED,  TO REAREST WELL, DATALISM, COMPLETED,  TO REAPEST WELL, DATALISM, CO	-GB-SA) 51300
Approximately 7 miles southeast of Artesia, NM  15 DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, PT. 330' 16 No. OF ACRES IN LEASE 17 NO NEAREST WELL, DELILING, COMPLETED, ON APPLIED FOR, ON THIS LEASE, PT. 750' 21. ELEVATIONS (Show whether DF, RT, GR, etc.) G1, 3509'  22. APPRO G1, 3509'  33.  34.  35.  360  360  360  360  360  360  360  36	
STEE OF HOLE   GRADE, SIZE OF CASING   Metiget Per Property   May - 7 (1997)	
18. DESTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DESTILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, PT. 750'  21. ELEVATIONS (Now whether DF, RT, GR, etc.) GL 3509'  PROPOSED CASING AND CEMENTIN  STEE OF BOLE GRADE, SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH  17. 1/2" 14" Conductor 40' Red 12. 1/4" 8. 5/8", J-55 24 ppf 1050' Cement will be circulated to surface on all casing strings.  Devon Energy plans to drill to 2800' -/- to test the San Andres Formation for commercial quantities of oil. If the San Andres is deeme will be plugged and abandoned per Federal regulations. Programs to adhere to onshore oil and gas regulations are outlined in the followin  Drilling Program  Surface I ve and Operating Plan Exhibit #1-A - Choke Vanifold Exhibit #2 - Howout Prevention Equipment Exhibit #2 - Howout Prevention Equipment Exhibit #3 - Planned Access Roads Exhibit #4 - Wells Within a One Mile Radius Exhibit #3 - Production Facilities Plan Exhibit #3 - Production Facilities Plan Exhibit #4 - Wells Within a One Mile Radius Exhibit #3 - Production Facilities Plan Exhibit #4 - Wells Within a One Mile Radius Exhibit #4 - Wells Within a One Mile Radius Exhibit #4 - Rotary Rig Layout Exhibit #4 - Casing Design Parameters and Factors  19. PROPOSED CASING DEPTH 22. APPRO  WEIGHT PER FOOT  WEIGHT PER FOOT  WEIGHT PER FOOT  40'  Red  The Undersigned accepts all applicable terms, conditions, stipular operations conducted on the leased land or portion thereof, as des  APPROVAL SUBJECT TO  GENERAL REQUIREMENTS AND  SPECIAL STIPLH ATIONS	17.NO. OF ACRES ASSIGNED TO THIS WELL 40
22. APPRO GI. 3509'  PROPOSED CASING AND CEMENTING GI. 3509'  PROPOSED CASING AND CEMENTING DEPTE  22. APPRO GI. 3509'  PROPOSED CASING AND CEMENTING GI. 3509'  PROPOSED CASING AND CEMENT FROM GI. 3500'  PROPOSED CASING	20. ROTARY OR CABLE TOOLS*
PROPOSED CASING AND CEMENTING SETTING DEPTH    SIZE OF BOLE   GRADE, SIZE OF CASING   WEIGHT PER FOOT   SETTING DEPTH	DX. DATE WORK WILL START*
SIZE OF HOLE  GRADE. SIZE OF CASING  WEIGHT PER FOOT  SETTING DEPTH  1" 1/2"  14"  Conductor  40'  Red  12 1/4"  8 5/8", J-55  24 ppf  1050'  Cement will be circulated to surface on all casing strings.  Devon Energy plans to drill to 2800' ~/- to test the San Andres Formation for commercial quantities of oil. If the San Andres is deeme will be plugged and abandoned per Federal regulations. Programs to adhere to onshore oil and gas regulations are outlined in the following plugged and Operating Plan  Exhibit #1 - Blowout Prevention Equipment  Exhibit #1 - A - Choke Manifold  Exhibit #2 - Location and Elevation Plat  Exhibit #3 - Planned Access Roads  Exhibit #4 - Wells Within a One Mile Radius  Exhibit #5 - Production Facilities Plan  Exhibit #5 - Rotary Rig Layout  Exhibit #7 - Casing Design Parameters and Factors  WEIGHT PER FOOT  SETTING DEPTH  1050'  Red  40'  Red  40'  Red  1050'  150  The undersigned accepts all applicable terms, conditions, stipulat operations conducted on the leased land or portion thereof, as designed accepts all applicable terms. Conditions, stipulat operations conducted on the leased land or portion thereof, as designed accepts all applicable terms. Conditions, stipulat operations conducted on the leased land or portion thereof, as designed accepts all applicable terms. Conditions, stipulated operations conducted on the leased land or portion thereof, as designed accepts all applicable terms. Conditions, stipulated operations conducted on the leased land or portion thereof, as designed accepts all applicable terms. Conditions, stipulated operations conducted on the leased land or portion thereof, as designed accepts all applicable terms. Conditions, stipulated operations conducted on the leased land or portion thereof, as designed accepts all applicable terms.  APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPLIL ATION SPECIA	
SIZE OF ROLE   GRADE. SIZE OF CASING   WEIGHT PER FOOT   SETTING DEPTH	WATER BASIN
12 1/4" 8 5/8", J-55 24 ppf 1050'  Cement will be circulated to surface on all casing strings.  Devon Energy plans to drill to 2800' -/- to test the San Andres Formation for commercial quantities of oil. If the San Andres is deeme will be plugged and abandoned per Federal regulations. Programs to adhere to onshore oil and gas regulations are outlined in the following be plugged and abandoned per Federal regulations. Programs to adhere to onshore oil and gas regulations are outlined in the following be plugged and abandoned per Federal regulations. Programs to adhere to onshore oil and gas regulations are outlined in the following brilling Program  The undersigned accepts all applicable terms, conditions, stipulate operations conducted on the leased land or portion thereof, as desemble #1 - A - Choke Manifold  Exhibit #1 - A - Choke Manifold  Exhibit #2 - Location and Elevation Plat  Exhibit #3 - Planned Access Roads  Exhibit #4 - Wells Within a One Mile Radius  Exhibit #4 - Wells Within a One Mile Radius  Exhibit #6 - Rotary Rig Layout  Exhibit #6 - Rotary Rig Layout  Exhibit #7 - Casing Design Parameters and Factors  Programs to adhere to onshore oil and gas regulations are outlined in the following operations conducted on the leased land or portion thereof, as designed accepts all applicable terms, conditions, stipulate operations conducted on the leased land or portion thereof, as designed accepts all applicable terms. Conditions, stipulate operations conducted on the leased land or portion thereof, as designed accepts all applicable terms. Conditions, stipulate operations conducted on the leased land or portion thereof, as designed accepts all applicable terms. Conditions, stipulate operations conducted on the leased land or portion thereof, as designed accepts all applicable terms. Conditions, stipulate operations conducted on the leased land or portion thereof, as designed accepts all applicable terms. Conditions are obtained accepts all applicable terms. Conditions are obtained accepts all applicable ter	QUANTITY OF CEMENT
S 1/2", J-55   15.5 ppf   2800"   150    * Cement will be circulated to surface on all casing strings.    Devon Energy plans to drill to 2800" -/- to test the San Andres Formation for commercial quantities of oil. If the San Andres is deeme will be plugged and abandoned per Federal regulations. Programs to adhere to onshore oil and gas regulations are outlined in the following Drilling Program    Drilling Program	dimix
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STATE OF THE STATE	ng exhibits and attachments.
ATTACHED  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposes	d new productive zone. If
proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blany.	owout preventer program, if
E. L. BUTTROSS, JR.  SIGNED E. L. BUTTROSS, JR.  TITLE DISTRICT ENGINEER DATE 4	4/4/97
*(This space for Federal or State office use)	7 / / * * * * * * * * * * * * * * * * *
PERMIT NO APPROVAL DATE	
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant	policant to conduct annualization

ADM, MINERALS

DISTRICT I P.O. Box 1960, Hobbs, NM 88240

### State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994

Instruction on back Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

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

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT III

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

API Number				Pool Code		<del></del>			
						Red Lake	(Q-GB-SA)		
Property	Code				Property Nan	ne		Well Number	
			Ec	agle 33 A F	2				
OGRID No.					Operator Nan	Elevation			
		<u> </u>		Devon	Energy Con	3509'			
					Surface Loc	ation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Α	33	17 S	27 E		990	North	330	East	Eddy
			Bottom	Hole Loc	eation If Diffe	erent From Sur	face		<u> </u>
UL or lot No.	Section	Township	Range	Lot idn	Feet from the	North/South line	Feet from the	East/West line	County

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

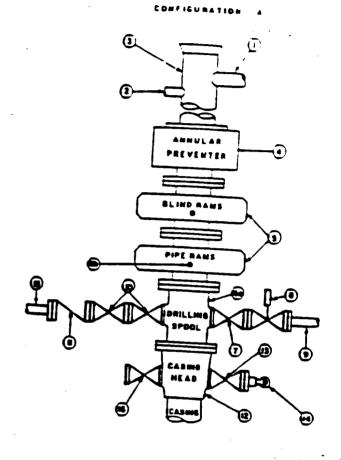
	OPERATOR CERTIFICATION  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.				
	3504.9: 3510.5: Signature  E. L. Buttross, Jr.				
	Printed Name  District Engineer  True  April 4, 1997  Date				
	SURVEYOR CERTIFICATION  I hereby certify that the well location shown				
	on this plat was plotted from field notes of actual surveys made by me or under my supervisors and that the same is true and correct to the best of my belief.				
 	March 27, 199  Date Surveyed Signature & Seal of Professional Surveyor				
	W.O. No. 7022h				
	Certificate No. Ganger 1977  BASIN SURVEYS				

## 2.000 pei Working Pressure

#### 3 MWP

## STACK REQUIREMENTS

1 Flowing 2 Fit up one 2 Fit up one 3 Driting repote 4 Annuar prevence: 5 Two single or one Gual hydraulically operated rams 6a Driting spool with 2" min. bill one and 3" min. choice one exists 6b 2" min. bill one and 3" min. choice line outlets on ram. (Alternate to 6e above.) 7 Valve Quie Plug 3-1/8" 8 Gate valve—power operated 3-1/8" 9 Line to choice manifold 3" 10 Valves Quie Quie Quie 2-1/18" 11   Check valve Quie Quie Quie Quie 1-13/18" 12 Casing head 3 Valve Quie Quie 1-13/18"		tem	Men I.D.	Min.	
3 Driting repote 4 Annual preventer 5 Two single or one dual hydrautically operated rams 64 Driting spool with 2" min. bill time and 3" min choice time outlets of min. choice time outlets on ram. (Alternate to 6a above.) 7 Valve Quie Plug 3-1/8" 8 Gate valve—power operated 3-1/8" 9 Line to choice manifold 3" 10 Valves Gate C 2-1/16" 11 Check valve Quie Quie C 2-1/16" 12 Casing head 3 Valve Quie C 1-13/16"		Figurine			
4 Annual preventer  5 Two single or one dual hydraulically operated rams  6a Drilling spool with 2° min. kill line and 3° min. choke line suitets  6b 2° min. kill line and 3° min. choke line outlets on ram. (Alternate to 6a above.)  7 Valve Quie Quie Quie Quie Quie Quie Quie Qui	2	Fill up time		2-	
Two single or one dual hydraulically operated rams  54 Drilling spool with 2" mm. bill line and 3" mm choice line exitets  6b 2" mm. bill line and 3" mm. choice line outlets in ram. (Alternate to Se above.)  7 Valve Quie Quie Quie Quie Quie Quie Se Gate Quie Se Plug Quie Se Plug Quie Se Plug Quie Se	3	Drilling supple			
Special state    Special state   Special state   Special state	4	Annular preventer	<b>—</b>		
3" min choice and sum. choice line outlets in ram. (Alternate to Se above.)   7	5				
Duties in ram. (Alternate to &s above.)   7	64	Drilling speel with 2" mm. kill line and 3" mm choke line sutiets			
B Gate valve—power operated 3-1/8"  9 Line to choice manifold 3"  10 Valves Gate C 2-1/18"  11   Check valve 2-1/16"  12 Casing head Gate C Plug C 1-13/16"	€0	2" mm. kill ine and 3" mm. cricks ine cullets or ram. (Alternate to Se above.)			
9   Line to Choice manifold   3°   10   Vaives   Gate   C   2-1/18°   11   Check vaive   2-1/18°   12   Casing head   Gate   C   Plug   C   13   Vaive   Gate   C   C   C   C   14   Casing head   C   C   C   C   15   Casing head   C   C   C   C   16   C   C   C   C   C   17   C   C   C   C   C   18   C   C   C   C   C   19   C   C   C   C   C   10   C   C   C   C   11   C   C   C   C   C   11   C   C   C   C   12   C   C   C   C   13   C   C   C   C   14   C   C   C   C   15   C   C   C   C   16   C   C   C   C   17   C   C   C   18   C   C   C   19   C   C   C   10   C   C   C   10   C   C   C   11   C   C   C   11   C   C   C   12   C   C   C   13   C   C   C   14   C   C   C   15   C   C   C   16   C   C   C   17   C   C   C   18   C   C   C   19   C   C   C   10   C   C   C   10   C   C   C   11   C   C   C   11   C   C   C   11   C   C   C   12   C   C   C   13   C   C   C   14   C   C   C   15   C   C   C   16   C   C   C   17   C   C   C   18   C   C   C   19   C   C   C   10   C   C   C   10   C   C   C   10   C   C   C   10   C   C   C   11   C   C   C   11   C   C   C   12   C   C   C   13   C   C   C   14   C   C   C   15   C   C   C   16   C   C   C   17   C   C   C   18   C   C   C   19   C   C   C   10   C   C   C   11   C   C   C   11   C   C   C   11   C   C   11   C   C   C   12   C   C   C   13   C   C   C   14   C   C   15   C   C   C   16   C   C   C   17   C   C   C   18   C   C   19   C   C   C   10   C   C   C   10   C   C   C   10   C   C   10   C   C   C   10   C   C   C   10   C   C   C   10   C   C   10   C   C   C   10   C   C   C   10   C   C   C   10   C   C   10   C   C   C   10   C   C   C   10   C   C   C   10   C   C   10   C   C   C   10   C   C   C   10   C   C   C   10   C   C   10   C   C   C   10   C   C   C   10   C   C   C   10   C   C	7		3-1/6"		
3°   3°   3°   3°   3°   3°   3°   3°		Gale valve—power operated	3-1/6"		
Valves   Gate     2-1/16"	9	Line to choke manifold	-	3.	
2-1/16*   2-1/16*	10		2-1/18*		
2   Casing head	11	Check valve	2-1/16*		
Plug [] 1-13/16*	2	Casing head			
4   Pressure gauge with needle valve	3	_	1-13/16*		
	4 ]	Pressure gauge with needle value			
5   Kill line to rig mud pump mentiold 2°					



	OPTIONAL
16   Flanged valve	1-13/16*

## CONTRACTOR'S OPTION TO FURNISH:

- 1. Ali equipment and connections above bradenhead or casinghead. Working pressure of prevenuers to be 3,000 pai, MANAGEMENT.
- 2. Automatic accumulater (80 gallen minimum) capable of closing BOP in 30 seconds or less and, holding them closed apains! full raied warking pressure.
- 3.80P controls, to be incaled man drillers position.
- 4. Kelly equipped with Kelly cock.
- S.inside blowout prevventer or its equivalent on derrick floor at all times with proper threads to fit pipe being used.
- 6. Kelly sever-sub equipped with rubber casing protector at all times.
- 7. Plug type blowaut preventer tester.
- 8.Extra set pipe rame to \$1 drill pape in use en location at all times.
- 8. Type RX rang general in place of Type R.

## MEC TO FURNISH:

- 1.Bradenhead or casmphead and aide
- 2. Weer bushing, if required.

### GENERAL NOTES:

- 1. Deviations from this drawing may be made only with the express permission of MEC's Drilling Manager.
- 2.Al connections, volves, Brings, piping, SIC., Subject to well or pump procesure must be Banged (suitable clemp connections acceptable) and have minimum warting pressure equal to raied warting pressure of preventers up through the". Valves must be full opening and auttable for high pressure mud service.
- 3. Contrate to be of standard design and each marked, showing opening and closing position.
- 4.Choses will be positioned so as not to hemper or doley changing of chake ins. Replaceable parts for adjustable the, other bean attes, retainers, and the wrenishes to be sonveniently iscared for intradiate use.
- S.All velves to be equipped with handreis or handles ready for immediate
- 6.Chaire lines must be suitably anchored.

- 7. Hendwheels and extensions to be connected and ready for use
- 8. Valves adjacent to drilling apool to be kapi apan. Use cutaide valves except for emerpency.
- 9. All seemiess steel control piping (3000 pai wertung pressure) to have flexible joints to avoid stress. Honce will be Dominion
- 18.Coainghead connections shall not be med except in case of emergency.
- 11.Do not use kill time for routine RU-up **Operations**

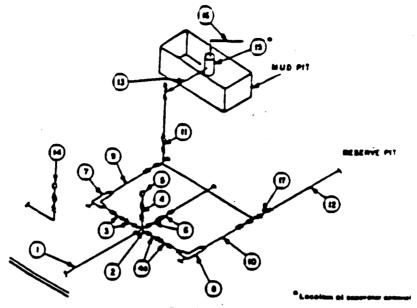
## Attachment to Exhibit #1 NOTES REGARDING BLOWOUT PREVENTORS

Devon Energy Corporation (Nevada)
Eagle "33A" Federal #2
990' FNL & 330' FEL
Section A-33-T18S-R27E
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.

3 MWP - 5 MWP - 10 MWP

EXHIBIT 1A



BETONS SUBSTRUCTURE

	•		<u> </u>	MUM RED	MEMENT	2				
		3,800 MWP			S.SOO MWP			10,000 MWP		
No		1.0	NOMMAL	RATING	LD.	HOLINAL	RATING	1.0	INOMINAL	BATIMO
1	Line from driting speed		3"	3.000		3.	5.000		3.	10,000
2	Cress 3"23"22"22"			3.000			5.000			
	Crees 3.23.23.23.		i						<del>                                     </del>	10,000
3	Varios(1) Gate [] Plug [D(2)	3-148*		3,800	3-1/8*		5.000	3-18"		10,000
4	Valve Gass [] Pag [](2)	1-13/16*		3.000	1-13/16"		8.600	1-13/16"		10,000
44	( Varves(1)	5-1/18.		3.000	5-1/16"		\$.000	31/8"		10.000
	Pressure Gauge			3.000			5,000		<del>                                     </del>	
6	Valves Gate C	3-14.		3.000	3-14"		8.000	2-1/6"		10,000
_	Administra Chene(3)	2"		3.000	2"	<del>                                     </del>	5.000	7°	<del>  </del>	
•	Administra Chana	1.		3.000	1.	<del>                                     </del>	5.000	7		10.000
•	Line		3"	3.000		3-	3.000			10.000
10	Line		2	3,000		7-	5.000		3-	10,000
11	Variate Case D						8,000		2.	10.000
	Plub D(2)	2-16-		3.000	3-1/6"		5.000	>1#"		10.800
12	Lines		3.	1.900		3-	1,000		3-	2.000
			3.	1.000		3-	1.000		3.	
14	Nondous product goups			3.000			3.000			2.000
15			2's4'							10.000
16	Line					3.52.			2'z\$'	
17	Bee D	<del>  </del>	<del></del>	1,000		4.	1,000		4.	2.000
''	Values Pag D(Z)	3-14.	_	3.000	218		6.900	316		10,000

- (1) Only one required in Class 3M.
- (2) Gass valvas-any shall be used for Class 1844.
- (2) Remote asserted hydroutic phase required on \$,000 pai and 19,000 pai for drilling.

## **EQUIPMENT SPECIFICATIONS AND INSTALLATION INSTRUCTIONS**

- 1. All connections in chairs manifold shall be welded, studded, Ranged or Cameron clamp of comparable rating
- 2. All hanges shall be API 68 or 68X and ring paskets shall be API RX or 8X. Use only 8X for 10 MWP.
- 3. All lines shall be accurally enchared.
- 4. Chokes shall be equipped with tungsten carbide seats and needles, and replacements shall be evaliable.
- 5. Chairs manifold pressure and mandpipe pressure gauges shall be available at the chairs manifold to assist in regulating chairs. As an attenues with automatic chairs, a chairs manifold pressure gauge shall be incessed on the rig facer in con-
- junction with the standpipe pressure gauge.

  6. Line from drilling speci to croke manifest anoutel be as straight as passible. Lines downstream from chokes shall make
- 7. Discharge bines from chakes, chake bypeas and from top of ges separator should work as fer as practical from the well