Submit to Appropriate District Office State Lease – 6 copies Fee Lease – 5 copies		State of New M , Minerals and Natural R	Resources Department		Form C-101 Revised 1-1-89
<u>DISTRICT I</u> P.O. Box 1980, Hobbs, NM	1 88240	CONSERVATIO P.O. Box 20	88	API NO. (assigned by OC 3D-225-	
<u>DISTRICT II</u> P.O. Drawer DD, Artesia, N		Santa Fe, New Mexico) 87304-2088	5. Indicate Type of Leas S	E TATE X FEE
DISTRICT III 1000 Rio Brazos Rd., Aztec	:, NM 87410			6. State Oil & Gas Lease K-3851	: No.
APPLICAT	ION FOR PERMIT	TO DRILL, DEEPEN,	OR PLUG BACK		
1a. Type of Work:				7. Lease Name or Unit A	Agreement Name
DRILL b. Type of Well: OIL GAS WELL X WELL	. 🔀 RE-ENTEI	R DEEPEN SINGLE	PLUG BACK	Lea 946 State	2
2. Name of Operator				8. Well No.	
=	Corporation ()	Nevada)		#5	
3. Address of Operator				9. Pool name or Wildcat	
-	adway Suite 1	500 Oklahoma Ci	tv. OK 73102	Buckeye Abo	
4. Well Location		From The north) 0 Feet From The	west Line
	o –		2252		_
Section	2 Town	uship T18S Ra	ange R35E	NMPM Lea	County
Section	2 Town	111111111111111111111111111111111111111	111111111111111111111111111111111111111	NMPM Lea	
Section	2 Town	10. Proposed Depth	h 11.	Formation	12. Rotary or C.T.
Section Section 13. Elevations (Show whethe		111111111111111111111111111111111111111	h 11. 0'.	Formation	
		10. Proposed Depth 9100	h 11. 0'.	Formation Abo r 16. Approx.	12. Rotary or C.T. rotary
13. Elevations (Show whethe 3904 ' 17.	rr DF, RT, GR, etc.)	10. Proposed Depth 9100 14. Kind & Status Plug. Bond blanket ROPOSED CASING A	h 11. 0' 15. Drilling Contracto Midessa Dril ND CEMENT PROG	Formation Abo r 16. Approx. Ling Co. Augu RAM	12. Rotary or C.T. rotary Date Work will start st 30, 1993
13. Elevations (Show whethe 3904 ' 17. SIZE OF HOLE	PF	10. Proposed Depth 910(14. Kind & Status Plug. Bond blanket ROPOSED CASING A WEIGHT PER FOOT	h 11. 0' 15. Drilling Contracto Midessa Dril ND CEMENT PROG SETTING DEPTH	Formation Abo r 16. Approx. Ling Co. Augu RAM SACKS OF CEMENT	12. Rotary or C.T. rotary Date Work will start st 30, 1993
13. Elevations (Show whethe 3904 ' 17. SIZE OF HOLE 17 ^{1/} 2''	PF SIZE OF CASING 13 3/8"	10. Proposed Depth 910(14. Kind & Status Plug. Bond blanket ROPOSED CASING A WEIGHT PER FOOT 48 ppf	h 11. 0' 15. Drilling Contracto Midessa Dril ND CEMENT PROG SETTING DEPTH 400'	Formation Abo r 16. Approx. Ling Co. Augu RAM SACKS OF CEMENT 500 sx	12. Rotary or C.T. rotary Date Work will start st 30, 1993 EST. TOP circ. to surface
Size of Hole 17. Size of Hole 17. 17. 17.	PF SIZE OF CASING 13 3/8" 9 5/8"	10. Proposed Depth 910(14. Kind & Status Plug. Bond blanket ROPOSED CASING A WEIGHT PER FOOT 48 ppf 40 & 36 ppf	h 11. 0' 15. Drilling Contracto Midessa Drill ND CEMENT PROG SETTING DEPTH 400' 3600'	Formation Abo r 16. Approx. Ling Co. Augu RAM SACKS OF CEMENT 500 sx 1500 sx	12. Rotary or C.T. rotary Date Work will start st 30, 1993 EST. TOP circ. to surface circ. to surface
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Devon Energy Corporation (Nevada) proposes to drill this development well to approximately 9100' to the Abo for commercial quantities of oil. If the Abo is deemed non-commercial, the wellbore will be plugged and abandoned per OCD regulations. Blowout preventors will be installed while drilling the intermediate and production holes. An illustration of the BOPs, the plat (Form C-102) and a copy of our plugging bond are attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information ab SKONATURE	ove is true and complete to the best of my kno	wiedge and belief. TITLE District Engineer	DATE July 28, 1993 (405)
TYPE OR PRINT NAME Charl	es W. Horsman		ТЕLЕРНОНЕ NO. 552-4508
(This space for State Use)	Orig. Signed by Paul Kautz		
APPROVED BY	Geologist	TITLE	AUG 03 1993

EXHIBIT #1

MINIMUM BLOWOUT PREVENTER RE. AEMENTS

3,000 psi Working Pressure

3 MWP

STACK REQUIREMENTS

No.			Min. I.D.	Min. Nominal
1	Flowline		1	· · · · · ·
2	Fill up line		1	2*
3	Drilling nipple			
4	Annular preventer			
5	Two single or one dual hy operated rams	voraulically		
64	Drilling spool with 2° min 3° min choke line outlets			
6 b	2" min. kill line and 3" m outlets in ram. (Alternate			
7	Valve	Gale [] Plug []	3-1/8*	
8	Gale valve-power opera	led	3-1/8"	
9	Line to choke manifold			3"
10	Valves	Gate D Plug D	2-1/16*	
11	Check valve		2-1/16"	
12	Casing head	<u></u>		
13	Valve	Gale D Plug D	1-13/16*	
14	Pressure gauge with need	sie valve	<u> </u>	
15	Kill line to rig mud pump r		<u>├</u> ┟	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 preventers to be 3,000 psi, 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.BOP controls, to be located 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.
- 6.Kelly saver-sub equipped with rubber casing protector at all times.
- 7.Piug type blowout preventer tester.
- 8. Extra set pipe rams to fit 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, littings, piping, etc., subject to well or pump pressure must be flanged (suitable clemp 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. Chokes will be positioned so as not to hamper or delay changing of choke beans. Replaceable parts for adjustable choke, other bean sizes, retainers, and choke wrenches to be conveniently located for immediate use.
- All values 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.
- Valves adjacent to drilling speci to be kept open. Use outside valves except for emergency.
- All seemless steel control piping (3000 psi working pressure) to have flexible joints to avoid stress. Hosee will be permitted.
- 10.Casinghead connections shall not be used except in case of emergency.
- 11.Do not use kill line for routine Mi-up operations.



MINIMUM CHOKE MANIFOLD 3,000, 5,000 and 10,000 PSI Working Pressure



			MINH	NUM REOL	REMENT	5				
			3,000 MWP			5,000 MWP		10,000 MWP		
No.		1.D	NOMINAL	RATING	I.D.	NOMINAL	RATING	I.D.	NOMINAL	RATING
1	Line from dritting spool		3.	3,000		3.	5,000		3.	10,000
2	Cross 3" x3" x3" x2"			3,000			\$,000			
_	Cross 3"x3"x3"x3"									10,000
3	Valves(1) Gale D Plug D(2)	3-1/8*		3,000	3-1/8*		5,000	3-1/8*		10,000
4	Valve Gate C Plug D(2)	1-13/16*		3,000	1-13/16*		5,000	1-13/16*		10,000
43	Valves(1)	2-1/16*		3,000	2-1/16"		5,000	3-1/8"		10.000
5	Pressure Gauge			3,000		1	5,000			10.000
6	Valves Gate C Plug ()(2)	3-1/8*		3,000	3-1/8"		\$,000	3-1/8*		10,000
7	Adjustable Choke(3)	2*		3,000	5.		5,000	2"		10.000
8	Adjustable Choke	1*		3,000	1*		5,000	2*		10.000
9	Line		3.	3,000	_	3.	5,000		3.	10.000
10	Line		2.	3,000		2.	5.000		3.	10,000
11	Valves Gate D Plug D(2)	3-1/8*		3,000	3-1/8*		5,000	3-1/8"		10,000
12	Lines		3.	1,000		3-	1,000		3-	2.800
13	Lines		3.	1,000		3.	1,000	·	3.	2.000
14	Remote reading compound standpipe pressure gauge			3,000			5,000	•		10,000
15	Gas Seperator		2'x5'			2'x5'			2'x5'	<u> </u>
16	Line		4*	1,000	1	4.	1,000		4.	2,000
17	Valves Gete D Plug D(2)	3-1/6*		3,000	3-1/8*		5.000	3-1/8*		10,000

(1) Only one required in Class 3M.

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

(3) Remote operated hydraulic choke required on 5,000 psi and 10,000 psi for drilling.

EQUIPMENT SPECIFICATIONS AND INSTALLATION INSTRUCTIONS

- 1. All connections in choke manifold shall be welded, studded, flanged or Gameron clamp of comparable rating.
- 2. All flanges 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.
- 4. Choices shall be equipped with tungsten carbide seats and needles, and replacements shall be available.
- 5. Choke manifold pressure and standpipe pressure gauges shall be available at the choke manifold to assist in regulating chokes. As an alternate with automatic chokes, a choke 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° bende using built plugged tees.
- 7. Discharge lines from chokes, choke bypass and from top of gas separator should vent as far as practical from the well.

Submit to Appropriate District Office State Lease - 4 copies Free Lease - 3 copies

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

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

DISTRICT III

State of New Mexico ergy, Minerals and Natural Resources Departn.

EXHIBIT #2

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

1. Quitine the screage dedicated to the subject well by colored peacil or hackure 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 working interest and roysity). 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, forced-pooling, etc. ¹ If answer is "bo" list for worker and tract description which have actually been consolidated. (Use reverse side of this form if necessary. No all workers and tract description which have actually been consolidated. (Use reverse side of this form if necessary. No allowable will be sargined to the well until all interest have been consolidated. (Use reverse side of the been approved by the Division. OPERATOR CERTIFICAT I harrow carrier to the list of the twell owned approved by the Division. OPERATOR CERTIFICAT If answer is "b" list have been approved by the Division. OPERATOR CERTIFICAT I harrow carrier to the set of any how have actually been consolidated by communitization, indication, ind	<u>DISTRICT III</u> 1000 Rio Brazos Rd., Aztec, NM 87410		AND ACREAGE DI be from the outer bounda			
Dial Letter Section Township Range County LEA Actual Footage Location of Well: 990 feet from the NORTH ine and 990 feet from the MEST ine Ground level EVer Producing Formation Pool feet from the MEST ine 40 A 1 Outlie the screage dedicated to the subject well by colored peacid or backum marks on the plat below. 2.1 more than one lease of different conventiby is dedicated to the well, bare the interest of all owners been coancidated by communitation, unitization, force-pooling, etc.? 40 A 3.1 Tores than one lease of different conventiby is dedicated to the well, bare the interest of all owners been coancidated by communitation, forced-pooling, or otherwise) or unit is accessary. No If sarewer is "yet" type of coancidated (Us or ormenatized), forced-pooling, or otherwise) or unit is accessary. No allowable will be assigned to the well until all interest, har been approved by the Divison. OPERATOR CERTIFICAT I working and coalidated bill. Signature I working or marks and been sproved by the Divison. I working and coalidated bill. Signature Or unot is non-standard unal, eliminating such interest, har been approved by the Divison. I working and coalidated bill. Signature I working we poleted bill I working was poleted	Operator		Lease	·	<u> </u>	Well No.
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Standard Standard Standard Standard Standard Standard 990 feet from the NORTH itee and 990 feet from the WEST itee 3904 ABO Build Keel Elev. Producing Somation Build Keel Elev. Producing Somation 40 A 1. Outline the acreage dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease is dedicated to the well, avell, have the interest of all owners been consolidated by communitization, introducing etc.? If anywer is "wo" list the owners and tract descriptions which have sectually been consolidated. (Use reverse aids of this increase) have been consolidated by communitization, forred-pooling, or otherwise) or util a non-standard tuit, eliminating such interest, has been approved by the Division. OPERATOR CERTIFICAT 1 answer is "wo" list the owner and tract descriptions which have set and division. OPERATOR CERTIFICAT 1 answer is "wo" list of the well and interest, has been approved by the Division. OPERATOR CERTIFICAT 1 best of my beowledge and belief. Signature 930 8 and compare to the set of my beowledge and belief. 1 best of my beowledge and belief. Signature 1 best of my beowledge and belief. 1 be				DINID	County	
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I hereby certify that the is Stationed herein in true and complete Company Deven Energy Corporation (Nevada Date July 27, 1993 SURVEYOR CERTIFICA I hereby certify that the well location field actual surveyed 7/700000000000000000000000000000000000	If answer is "no" list the owners this form if neccessary No allowable will be assigned to	and tract descriptions which ha	ve actually been consolidat	-	, forced-poolin	g, or otherwise)
on this plat was plotted from field actual surveys made by me or supervison, and that the same is correct to the best of my know belief. Date Surveyed 7/22/05 List As Signature excellator Profession Surveyor HEP.SCHEL ONES X JONES X JONES				ы 5 Fr СС	I hereby patained herei sst of my known gnature ////////////////////////////////////	certify that the information in true and complete to the ledge and belief. W. Horsman t Engineer von Energy tion (Nevada) 27, 1993
					n this plat w ctual surveys upervison, an orrect to the elief. Date Surveyed 7/225 Signature Professional Surveyed	as plotted from field notes made by me or under i d that the same is true a best of my knowledge a the state the schere treeyor HER.SCHEL