Form 3160-3 (D:cember 1990)

UNIT STATES DEPARTMENT OF THE INTERIOR OF STATES STATES

Form approved.

	BU	REAU OF LA	ND MANAGEMEN!	ARTESIA, NM 88210-283	5.LEASE 1 NM-0255	DESIGNATION AND SERI	AL NO.
APP	LICATION	FOR PER	MIT TO DRILL O	OR DEEPEN		IAN, ALLOTTEE OR TRI	BE NAME
la TYPE OF WORK:	DRILL	\boxtimes	DEEPEN		NA _		
b. TYPE OF WELL:					7.UNIT A	GREEMENT NAME	
WELL 🖾	WELL	Other	SINGLE ZONE	MULTIPLE ZONE		R LEASE NAME, WELL N	0.
2 NAME OF OPERAT		(FDCV CODD)	ORATION (NEVADA)	1127	Eagle "3	30" Federal #12	19356
3. ADDRESS AND TE		ERG1 CORIC	OKATION (NEVADA)	<i>(41)</i>	9.API WE	LL NO.	7
	20 N. BROA		E 1500, OKC, OK 7310	02 (405) 552-4511	1	人 つ つ つ つ つ AND POOL, OR NILDCA	<u>\$</u>
_			accordance with any State 1	RECEIVED	l .	e (Q-GB-SA)	300
At surface 330' F	SL & 1850' FEI	•		BECEIA	I	T.,R.,M.,OR BLOCK AN	
At top proposed prod	zone (SAME)	ı		100	Section (D-33-T17S-R27E	
	n17. 0.				10 0000	TY OR PARISH	13. STATE
14.DISTANCE IN MILES A Approximately 7 miles			OR POST OFFICE*	N.V.	Eddy C		New
, ipproximately , inser		,		DE BUM			Mexico
15.DISTANCE FROM PROPO LOCATION TO NEAREST			16.NO. OF ACRES IN LE	ASE TO SECURITION OF THE PARTY		17.NO. OF ACRES TO THIS WELL	ASSIGNED
PROPERTY OR LEASE L	INE, FT.	330'	300	The - Car A IE		40	
(Also to nearest drlg, unit lin 18.DISTANCE FROM PROPO	SED LOCATION*		19.PROPOSED DEPTH	MAV ~	-	20.ROTARY OR CA	BLE TOOLS*
TO NEAREST WELL, DR OR APPLIED FOR, ON		850 ′	2800'	1997		Rotary	
21.ELEVATIONS (Show whe	ther DF, RT, GR, etc.)			OIL COM, IDI		approx. date work wi e 1, 1997	LL START*
GL 3523'				UD COM IN	B /2	,	
			PROPOSED CASSIC A	Dilate - I	ROLLED	WATER BA	2150
SIZE OF HOLE	GRADE, SI	ZE OF CASING	PROPOSED CASING A WEIGHT PER FOOT		KULLEL	QUANTITY	OF CEMENT
17 1/2"	14"		Conductor	40'		Redimix	
12 1/4"	8 5/8", J-55		24 ppf	1050'		COP (STUPATED ST	ClasWITNEO
7 7/8"	5 1/2", J-55		15.5 ppf	2800'		150 sx Lite + 350 sr	Class C
will				mercial quantities of oil. If the Sai re oil and gas regulations are outli			
D W D			The undersia	gned accepts all applicable terms, c	anditions st	inulation and restric	tions concerning
Drilling Program Surface Use and Opera	iting Plan			onducted on the leased land or port		-	tions concerning
Exhibit #1 - Blowout P	revention Equip	ment	- n 10				
Exhibit #1-A - Choke N Exhibit #2 - Location a		ıt		age: Nationwide File No.: CO-1104			
Exhibit #3 - Planned A	ccess Roads						
Exhibit #4 - Wells With Exhibit #5 - Production		adius	APPROVAL S				
Exhibit #6 - Rotary Rig			GENERAL RI	EQUIREMENTS AND			
Exhibit #7 - Casing De	-	and Factors	SPECIAL ST	IPULATIONS			
Exhibit #8 - H ₂ S Opera	iting Plan		ATTACHED				
				n, give data on present productive tions and measured and true vertic			
24.							
		_					
SIGNED_	1.0	these	J: TITLE D	E. L. BUTTROSS, JR. DISTRICT ENGINEER D	ATE	4/4/97)
*(This space for Fede	eral or State off	ice use)					
PERMIT NO.				APPROVAL DATE			
				e to those rights in the subject lease which			
Application approval does thereon.	not warrant or cer	шу шас ше арриса	me nome ickai or eduitable title	e to mose rights in the subject lease which	would entiti	e we applicant to condu	ct operations
CONDITIONS OF AP			:DOI 10019				
	OHIG. SGD) TONY L FE	HUGUDIN	ADM, MINERAL	Š	- 5 /	()

DISTRICT I P.O. Box 1980, Hobbs, NM 86240

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Na	me
		Red Lake (Q-GB-S	A)
Property Code	-	y Name O Federal	Well Number
OGRID No.	Operate Devon Energy	or Name Corporation	Elevation 3523'
	Surface	Location	

Surface Location

UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
. 0	33	17 S	27 E		330	South	1850	East	Eddy

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Bedicated Acres	Joint o	r Infill Co	nsolidation (Code Or	der No.				·
40	1			Jan Jan					

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

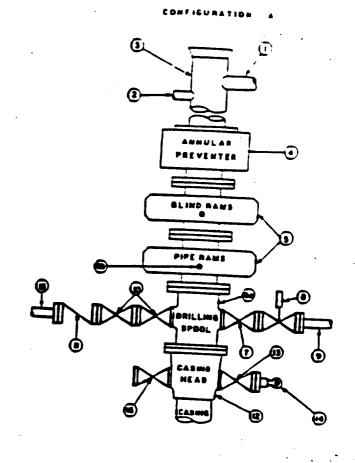
	I NOW STANDARD ONLY HAS BEEN AFFROVED BY	
		OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
 		E. L. Buttross, Jr.
		District Engineer Title April 3, 1997 Date
		SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my
		supervison and that the same is true and correct to the best of my belief. March 27, 199 Date Surveyed
	3525.1' 3524.7'	Signature & Seal of Professional Surveyor W.O. No. 70225
	352£.5 3525.3'	Certificate No. Cary L. Jones 7977 BASIN SURVEY S

3 MWP

STACK REQUIREMENTS

N	ho Nem		Min.	Min. Nominal
Г	1 Finune			
	FIII up nne			2"
	Drilling repole			
	Annual preventer			
5	Two single or one dual hydrai operated rams	uncally.		
6.0	Drilling speel with 2° mm. bill 3° mm choke line cullets	ine and		
6 b	2" mm. kill line and 3" mm. ca outlets in ram. (Alternate to Sa	oke kne above.)		
7	1 4 5 4 4 4	1440 D	3-1/8"	
•	Gate valve-power operated		3-1/8"	
9	Line to choice manifold			3.
10		NO C	2-1/18"	
11	Check valve		2-1/16"	
12	Casing head			
13			1-13/16*	·
14	Pressure gauge with needle veh			
15 1	Kill line to rig mud pump mentiol			2"

	OPTIONAL		
16 15:000			
16 Flanged varve		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 psi. MODELLIN.
- 2. Automatic accumulator (80 gallers minimum) capable of closing BOP in 30 seconds or less and, holding them closed against full raied working pressure.
- 3.80P controls, to be incaled near drillers position.
- 4. Kelly equipped with Kelly cock.
- 6.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 number casing protector at all times.
- 7. Plug type blowaut prevenier tester.
- S.Extra set pipe rame to \$1 drill pipe in use on location at all times.
- 8. Type RX ring paskets in place of Type R.

MEC TO FURNISH:

- 1. Bracenhead or casinghead 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.
- 3.All connections, volves, fittings, piping, OC., subject to well or pump pressure est be Banged (suitable clemp connections acceptable) and have minimum mentang procesure aqual to raise working pressure of prevenuers up through the"s. Valves must be full apening and sullable for high pressure mud service.
- 3. Controls to be of standard design and each marked, showing opening and clos-TO MAKE
- 4.Change will be positioned so as not to hamper or delay changing of chake ms. Replaceable parts for adjusted the, other bean sizes, relainers, and whose wronghed to be conveniently ted for immediate use.
- S.All valves to be equipped with handwhosis or handles ready for immediate
- 6. Cheke lines must be suitably enchared.

- 7. Hendwheels and extensions to be connected and ready for see
- 8. Velves adjacent to drilling appoil to be kept open. Use outside valves except for emergency.
- B.All seemiess steel central piping (3000 pai werking pressure) to have flexible joints to avoid stress. Hosse will be permitted.
- 18.Cosingheed connections shall not be wood except in case of emergency.
- 11.Do not use kill time for routine (ill-up operations

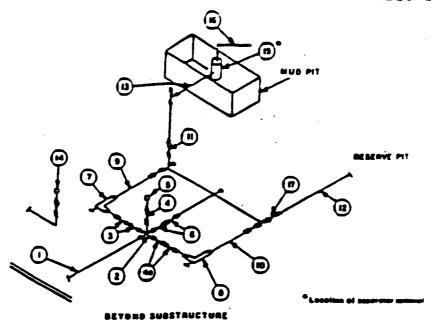
Attachment to Exhibit #1 NOTES REGARDING BLOWOUT PREVENTORS

Devon Energy Corporation (Nevada)
Eagle "330" Federal #12
330' FSL & 1850' FEL
Section O-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



	<u> </u>		Mark	LIUM RECH	REMENT	\$				
_			3,500 MWF		T	S.DOO MINIP		T	10.000 MW	
No		1.0	INDAMMAL	MATING	LD.	MONTHAL	RATING	Q.s	INOMINAL	<u> </u>
7	Line from drawng speel		3"	3.000		3.	5.000	 	3.	10,000
2	Cross 3"23"23"22"			3.000			5.000		 	10.000
	Crees 3.53.53.53.									10,000
3	Valves(1) Gate D Plug (D(2)	3-16-		3,000	3-1/8"		8.000	3-1/6"		10,000
4	Valve Plag (D(2)	1-13/15		3,800	1-13/16"		8.000	1-13/16*		10.000
44	(Varves(1)	5-1412.		3.600	3-WH.		5.000	31/17	 	10,000
5	Pressure Gaupe			3.000			5.000	-		10.000
6	Valves Plag (DIZ)	3-145*		3,000	3-1/6"		8.000	2-16-		10.000
7	Admissable Chene(3)	2"		3.000	2-		\$,000	7.	 	10.000
•	Admissions Chang	1*		3.000	1.		\$.000	7-	 	10.000
•	Line		3"	3.000		3.	3.000	<u> </u>	3-	
10	Line		2-	3,000		2.	\$,000		3.	10.000
11	Varves Gate D Plug D(Z)	3-18"	·	3.000	3-147*		8,000	3-1/6"	3	10.000
12	Lines		3-	1,000		3.	1,000			
13	Lines		3.	1,000		3.			3.	2.000
14	Plantate reading apropound standards property			3.000			1,000		2.	2.000 10.000
15	Gas Secureur		2's\$'			2'=5'				40.8GD
16	Line		4.	1,600		4.			1.E.	
17	Gas D			 -		-	1.000		4.	2.000
	Values Plup (D(Z)	3-16"		3.000	3-14F.		3.000	3-1/6"		10.000

- (1) Only one required in Class 3M.
- (2) Goes valvas-any shell be used for Class 1844.
- (2) Remote operated by troute state requires on 5,000 pel and 10,000 pel for drilling.

EQUIPMENT SPECIFICATIONS AND INSTALLATION INSTRUCTIONS

- 1. All connections in chairs manifold shall be waisted, studded, flanged or Cameron siame of comparable rating.
- 2. All langue shall be API 68 or 68X and ring paskets shall be API RX or 8X. Use only 8X for 10 MWP. 3. All bree shall be accuraty anchored.
- 4. Choice shall be equipped with tungsten carbide seats and needles, and replacements shall be evaliable.
- 5. Chaire married pressure and standples pressure gauges shall be available at the chaire married to assist in regulating chaires. As an attended with automatic chaires, a chaire married pressure gauge shall be iscared on the rig hour in conjunction with the standpipe pressure gauge.
- 6. Line from drilling speel to choke mentiold area uld be as straight as possible. Lines downstream from Chokes shall make turns by large bands or 50° bands using bull plugged lees.
- 7. Discharge lines from chakes, chake bypass and from top of goe separator should vent as for as practical from the well