Form 31 <u>6</u> 0-3 (December 1990)		r THE INTERIO	SUBMIT IN TRIPLE AT (See other instructio reverse side)		Form approved.	cle		
	ARTES: BUREAU 852			5. LEASE D NM 0405	ESIGNATION AND SERIA	т ио¥		
	APPLICATION FOR PERN	IIT TO DRILL OR DEEPEN		1	AN, ALLOTTEE OR TRIB	e name		
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h TYPE OF WELL:	GAR WELL Other	ZONE	MULTIPLE	NA				
2. NAME OF OPERA			1:54		LEASE NAME, WELL NO P" Federal #15 /	3759		
3. ADDRESS AND TH	DEVON ENERGY CORF	ORATION (NEVADA)	<i>4131</i>	9. API WEL	L NO.			
		TE 1500, OKC, OK 73102 (4	105) 552-4511	<u>30</u>	-015-2°	8342		
	LL (Report location clearly and in a	accordance with any State requiren		Sand Dear	AND POOL, OR WILDCAT	745		
At surface 985'	FSL 505 FEL ONIT	CP)		INSEC. T	.,R.,M. OR BLOCK AND	SURVEY OR AREA		
At top proposed prod.	zone (SAME)			Sec 23 (P)) T23S-R31E			
14.DISTANCE IN MILES A 35 miles west-northwes	AND DIRECTION FROM NEAREST TOWN	DR POST OFFICE*		12. COUNT Eddy Co	Y DR PARISH	13. STATE New		
15.DISTANCE FROM PROP	OSED	16.NO. OF ACRES IN LEASE		<u> </u>	17.NO. OF ACRES	Mexico		
LOCATION TO NEAREST PROPERTY OR LEASE I		1320		n na hai	TO THIS WELL	an o a concal		
Also to nearest drig, unit in 10. DISTANCE FROM PROPO	ne if any)	19. PROPOSED DEPTH	· · · · · ·		40			
TO NEAREST WELL, DE OR APPLIED FOR, ON	RILLING, COMPLETED,	6400'			20. ROTARY OR CABI	LE TOOLS*		
21. ELEVATIONS (Show who				22. A	PPROX. DATE WORK WILL	L START*		
3478' GL					ary 31, 1995			
23. SIZE OF HOLE	GRADE, SIZE OF CASING	PROPOSED CASING AND CE		I	Porce Porce			
3122 OF HOLE	Conductor, 0.30" wall	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT				
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1"	8 5/8"	32 ppf	4300'		450 Poz C + 200 Class C 1600 sx Poz C + 200 sx Class C			
7 7/8" * Stage Tool at ±4300'	5 1/2"	15.5 ppf	6400' Stg #1: 250 sx Lite (Class Stg #2: 500 sx Poz H					
Devon Energy plans to be plugged and abando Surface Use and Opera Exhibit #1 - Blowout Pr Exhibit #2 - Location an Exhibit #2 - Location an Exhibit #3 - Planned Ac Exhibit #4 - Wells With Exhibit #5 - Production Exhibit #6 - Rotary Rig Exhibit #6 - Rotary Rig Exhibit #8 - H ₂ S Operat IN ABOVE SPACE DE	drill to ±6400' to test the Sand Dun ned per Federal regulations. Prog ting Plan revention Equipment lanifold nd Elevation Plat scess Roads in a One Mile Radius Facilities Plan Layout ign Parameters and Factors	nes for commercial quantities of o rams to adhere to onshore oil and The undersigned accept operations conducted o Bond Coverage: Natio BLM Bond File No.: C Post J - Maw L I: If proposal is to deepen, give da absurface locations and measured	gas regulations are outlined in s all applicable terms, condition in the leased land or portion the nwide (0-1104) $f_TD - 1$ -18 - 95 K & APT at a on present productive zone and true vertical depths. Give	and propose	ng exhibits and attach on, and restrictions co eribed above.	ments. mcerning		
(This space for Fede	ral or State office use)				APPROVAL S	UBJECT TO		
PERMIT NO.			APPROVAL DATE		GENERAL RE	QUIREMENTS		
opplication approval does n CONDITIONS OF APP	not warrant or certify that the applicant	holds legal or equitable title to those r	ights in the subject lease which wou	uld entitle the	applicant to conduct ope	PULATIONS Prations thereon.		
PPROVED BY	Gilber Luci	10 TITLE ASSOC.	STATE DIL	DATE	-	5		

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, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

DISTRI		
P. O. E	lox	1980
Hobbs,	NM	88241-1980

DISTRICT II P. O. Drawer DD Artesia, NM 88211-0719

<u>DISTRICT III</u> 1000 Rio Brazos Rd. Aztec, NM 87410

DISTRICT IV P. O. Box 2088 Santa Fe, NM 87507-2088 OIL CONSERVATION DIVISION P. 0. Box 2088 Santa Fe, New Mexico 87504-2088

State of New Mexico Exhibition Exhibition Energy Minerals, and Natural Resources Depresent

AMENDED REPORT

088 WELL LOCATION AND ACREAGE DEDICATION PLAT

Property Code Property Name TUDD '23P' FEDERAL Yeal Number '00ED 86. '0perator Name DEVON ENERGY UPERATING COMPANY 3478' '00ED 86. '0perator Name DEVON ENERGY UPERATING COMPANY 3478' ''1'p''' 23 23 SOUTH 31 EAST, N.M.P.M. Lat Ida Section Feet from the North/South line Feet from the East/Keet line County ''1'p''' 23 23 SOUTH 31 EAST, N.M.P.M. Lat Ida Section South 505' EAST EDDY ''1'p''' 23 23 SOUTH 31 EAST, N.M.P.M. Lat Ida Section South 505' EAST EDDY ''1'p''' 23 23 SOUTH 31 EAST, N.M.P.M. Lat Ida Section Feet from the South line Feet from the South line Feet from the South line East/Keet line County ''1''''''''''''''''''''''''''''''''''	' API Number			² Pool Code		3 Poc	Name					
* Property Scale * Property Scale * Support *				53810	33749	5 4	and Dunes	Delawa	ire			
* OGRID No. 6137 * Operator Name ICDU ELST FLUCKEL 13 6137 DEVEN ENERGY DPERATING COMPANY * Everation 3478' * SURFACE LOCATION * SURFACE LOCATION Feet from the Rest/Feet line County 565' * BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE Ub or tot no. Section Township Range Lot ids Feet from the Rest/Feet line County 505' Exst/Feet line County EAST County * BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE ** Ub or tot no. Section Township Range Lot ids Peet from the Rest/Feet line County ** BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE ** Operator Institute County ** Bottor Infill ** Consolidation Code **Order No. ** Operator Restrict Tom ** Bottor Infill ** Consolidation Code **Order No. ** Operator Restrict Tom ** Distor Infill ** Consolidation Code **Order No. ** Operator Restrict Tom ** Distor Infill ** Consolidation Code **Order No. ** Operator Restrict Tom ** Distor Infill ** Consolidation Code **Order No. **		de	⁵ Property N				· · · · · · · · · · · · · · · · · · ·				⁶ Well Number	r
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Instructions on back

Submit to the Appropriate District Office State Lease — 4 copies Fee Lease — 3 copies

Exhibit #2

MINIMUM BLOWOUT PREVENTER REQUI

3,000 psl Working Pressure

3 MWP

Æn TS

Todd "23P" Federal #15 Eddy County, New Mexico Exhibit #1

STACK REQUIREMENTS

No.	Hem		Min. I.D.	Min. Nominal
1	Flowline			1
2	Fill up ime			2.
3	Drilling nipple		1	
4	Annular prevenier		1	†
5	Two single or one dual hyd operated rams	kaulically		
64	Drilling spool with 2" min. I 3" min choice line putiets	kill line and		
6 0	2° min. kill line and 3° min. outlets in ram. (Alternate to	. choke line 6a above.)		
7	Valve	Gale D Plug D	3-1/8"	
•	Gale valve-power operate	d	3-1/8*	
9	Line to choke manifold			3.
10	Vaives	Gale C Plug C	2-1/16*	
11	Check valve		2-1/16"	
12	Casing head			
13	Vaive	Gale D Plug D	1-13/16*	
4 1	ressure gauge with needle	valve		_
15 11	(it) line to rig mud pump mai	niloid		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 psl, minimum.
- 2.Automatic accumulator (50 gallon, minimum) capable of closing BOP in 30 seconds or less and, holding them closed against full rated working pressure.
- 3.80P controls, to be localed 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 itt pipe being used.
- 6. Kelly saver-sub equipped with rubber casing protector at all times.
- 7.Plug type blowout prevenier 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:

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- 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, fittings, piping, etc., subject to well or pump pressure must be flanged (auitable clamp connections acceptable) and have minimum working pressure equal to rated working pressure of preventers up through chore. Valves must be full opening and auitable for high pressure mud service.
- 3. Controls to be of standard design and each marked, showing opening and closing position.
- 4. Choixes 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 wranches to be conveniently tocated for immediate use.
- All valves to be equipped with handwheels or handles ready for immediate use.
- 6. Choke lines must be suitably enchored.

- 7.Handwheels and extensions to be connected and ready for use.
- 8. Velves adjacent to drilling spool to be hept open. Use outside velves except for emergency.
- All seamless size control piping (3000 pel working pressure) to have flexible joints to avoid stress. House 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.

Attachment to Exhibit #1

NOTES REGARDING BLOWOUT PREVENTORS Todd "23P" Federal #15 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 Working Pre

3 MWP - 5 MWP - 10 MWP

Todd 23P Federal #15 Eddy County, New Mexico Exhibit #1-A



SEVEND SUBSTRUCTURE

			Lini	MUM REO	UREMENT	\$				
			3,000 MWP		S.000 MWP			10,000 MWP		
No.		I.D	NOMINAL	RATING	1.0.	NOMINAL	ATING	I.D.	NOMINAL	RATING
1	Line from drilling speel		3.	3.000		3-	5.000		3.	10.000
2	Grees 3"x3"x3"x2"			3,000			5.000			10,000
_	Crees 3"x3"x3"x3"									10.000
3	Valves(1) Gate [] Ping (D(2)	3-1/8-		3,900	3-1/8*		5.000	3-1/8*		10,000
4	Valve Gete C Plug (32)	1-13/16*		3,800	1-13/16*		\$.000	1-13/18-		10,000
41	Valves(1)	2-1/16"		3.000	2-1/16*		5.000			
5	Pressure Gauge			3.000				3-1/8"		10,000
	Gate C						5.000			10,800
7	Valves Plug [](2)	3-1/8*		3,000	3-1/8*		5,000	3-1/8*		10,800
_	Adjustable Chele(3)	2"		3.000	2		5.000	2"		10.000
	Adjustable Choke	1*		3,000	1*		5,800	2.		10,000
	Line		3	3,000	_	3"	5.000		3*	
10	Line		2	3,000		2.	5.000			10,000
11	Valves Gate D Plug D(2)	3-1/8*		3,000	3-14"	- -	5,000	2-1/8*	-3-	10,800
12	Lines		3.	1,000						10,000
13	Lines			1,000		3.	1,000		3.	2,000
14	Remote reading compound	+	— — ——————————————————————————————————			3.	1,000	•	3.	2.000
	standpipe pressure gauge			3.000			5.000	•		
15	Ges Separator		2'15'			2'25'				10,000
	Line	1		1,000					2.12.	
17	Valves Gate D						1,800		4*	2.000
	Plug D(2)	3-14-		3,000	3-141*		5.000	2-1/8-		10.000

(1) Only one required in Class 3M.

(2) Gate velves only shall be used for Class 10hl.

(3) Remote aperated hydroulic shake required on \$,000 pai and 10,000 pai for drilling.

EQUIPMENT SPECIFICATIONS AND INSTALLATION INSTRUCTIONS

- 1. All connections in choice manifold shall be welded, studded, llanged or Cameron clamp of comparable rating.
- 2. All Banges shall be API 68 or 68X and ring gaskets shall be API RX or 8X. Use only 8X for 10 MWP.
- 3. All lines shall be securely anchored.
- 4. Chokes shall be equipped with tungsten carbide seats and needles, and replacements shall be evaluable.
- 5. Choke manifold pressure and standpipe pressure gauges shall be evaliable 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° bends using bull plugged tess. 7. Discharge lines from chokes, choke bypass and from top of gas separator should vent as far as practical from the well.