	RTMENT	D STATES	$\mathbf{R} = \frac{(3ee outer instructul}{rev 84168.1Si}$		Vorm approved.	Ú.
	BUREAU OF L	AND MANAGEMENT	ARTESIA, NM	88210-28 LC-02939	5-B	
APPLIC	ATION FOR PER	MIT TO DRILL OR DEEPEN		6. IF INDIA	N, ALLOTTEE OR T	TRIBE NAME
la TYPE OF WORK: DRIL	L [3]	DEEPEN	an see george als see		EEMENT NAME	
h TYPE OF WELL:	Other	SINGLE ZONE		NA	LEASE NAME, WELL	
2 NAME OF OPERATOR	ENERGY OPE	RATING CORPORATION	121195 SLATE-	Turner "E	** #121	15966
3 ADDRESS AND TELEPHONE N	0.			9.API WELL	-	70110
20 N. BI	ROADWAY, SU	ITE 1500, OKC, OK 73102		10 FIFID A	30-015	
4. LOCATION OF WELL (Report lo. At surface <2510° FSL & 1200		n accordance with any State require	ements)*	GRAYBU	RG-JACKSON	- 6B-SA
At top proposed prod. zone (SAM	all 1		ala <b>da d</b> i		, R. , M. , OR BLOCK N 20 -T17 S - R3	AND SURVEY OR AREA 1 E
14. DISTANCE IN MILES AND DIRECTION	FROM EAREST TOW	N OR POST OFFICE*			Y OR PARISH	13. STATE NM
5.5 miles East & .2 mile North				EDDY		NM
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.	.200'	16.NO. OF ACRES IN LEASE 1786.15			17.NO. OF ACRE TO THIS WEL 40	
(Also to nearest drig, unit bine if any) 18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COM	LETED,	19.PROPOSED DEPTH 2200'			20. ROTARY OR C Rotary	CABLE TOOLS*
OR APPLIED FOR, ON THIS LEASE, 21. ELEVATIONS (Show whether DF, RT, GR 3709					PPROX. DATE WORK 30, 1996	WILL START*
23.		PROPOSED CASING AND	CEMENTING PROGRAM			

CASING WEIGHT PER FOOT		
		125 sk Lite cmt + 200 sk Class "C"
24.0#	328 425'	
15.5#	2200'	330 sk Lite cmat + 360 sk Class "H"

We plan to circulate cement to surface on all casing strings. Devon Energy Operating Corporation proposes to drill to 2200' to test the Seven Rivers formation for commercial quantities of oil. If the Seven Rivers is deemed non-commercial, the wellbore will be plugged and abandoned per Federal Regulations. Programs to adhere to onshore oil and gas regulations are outlined in the following exhibits and attachments.

Drilling Program	m	The undersigned accepts all applicable	
	= Blowout Prevention Equipment	terms, condition, stipulations and	
Exhibit #2	= Location and Elevation Plat	restrictions concerning operations	
	= Road Map and Topo Map	conducted on the leased land or portions	
Exhibit #4	= Wells Within 1 Mile Radius	thereof, as described below:	
Exhibit #5/5A	= Production F icilities Plat	Lease No. LC-029395-B	11
Exhibit #6	= Rotary Rig Layout	Legal Description: Section 20-T17S-R31E	
Exhibit #7	= Casing Design	Bond Coverage: Statewide in CO, NM, UT, & WY	
EAMOR #7		a and No.: CO1151	
	and al attackers		

Atte hod

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give per inent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED throp Jackson	SIGNED_	Paroz.	Jackson	<u> </u>
----------------------	---------	--------	---------	----------

RANDY JACKSON TITLE DISTRICT ENGINEER

\*(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DATE

Application approval does not warrant or certify that	the applicant holds legal or equitable ti	itle to those rights in the subject lease which we	ould entitle the applicant to conduct operations t	thereon
CONDITIONS OF APPROVAL, IF ANY			_	

Ť	im	othy	₽.	O	Brian
- E		<b>V U U U U U U U U U U</b>			14-2 1 1 W K 4

APPROVED BY

Araa Manacos

DATE	SEP	1	3	1996
DATE	<u> </u>			

ew-

## See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crir. e 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

TITLE

	Form 3160-5 U	NITED STATES	
BURELU OF LAND MARAGEMENT      SUNDRY NOTICES AND REPORTS ON WELLS     C-22336-B      C-2240      C-225      C-2240      C-225      C-2240      C-225      C-2240      C-225      C-2240      C-225      C-2240      C-225      C-25	June 1990) DEPARTM		
SUNDRY NOTICES AND REPORTS ON WELLS       5. Law Designation mad Small No. 12. C023085-B         on of use this form for proposal: to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR FERMIN-" for such proposals       NA         SUBMIT IN TRIPLICATE       NA         Tiged Woll       Gene         Note of Tobo Nerreav OPERATING CORPORATION       NA         Address and Todopher No.       NA         Note of Tobo Nerreav OPERATING CORPORATION       NA         Address and Todopher No.       A will None and No.         Note of Tobo Nerreav OPERATING CORPORATION       Totage of Will No.         Address and Todopher No.       A will None and No.         Note of Herodoward, Suite 160: OKLAHOMA CITY, OKLAHOMA 73102 (405)552.4527       To Korff BROADWAR, Suite 160: OKLAHOMA CITY, OKLAHOMA 73102 (405)552.4527         Law Designation       Composition of the Depletion of the Deplet	BUREAU C	F LAND MANAGEMENT	Budget Bureau No. 1004-0135
SUDDRY NOTICES AND REPORTS ON VIELDS       LC 022385-B         a not use this form for proposals       LC 022385-B         SUBMT IN TRIPLICATE       NA         Type of Woll       B         B       B         Value of the formation of the proposals       NA         Type of Woll       B         B       B         D       Charge Report         D       Falabaan Analy Charge S         D			
Use *APPLICA TION FOR PERMIT IN TRIPLICATE         NAM         NAM         Open of Well         Open of Well (Postage Sec. T. R. M. + Nurvey Destription)         2410 FSL & 1100 FEL, Sec. 20-175-31E         OPEN OPEN ONE         OPEN OPEN ONE         OPEN OPEN OPEN OPEN OPEN OPEN OPEN OPEN	SUNDRY NOTIC	CES AND REPORTS ON WELLS	-
SUBMIT IN TRIPLICATE     NA       Type of Wall     as well and the second of the second of the second and the second of the seco	o not use this form for proposals to d	I FOR PERMIT—" for such proposals	
Subject IN TAP DENT      Subject IN TAP DENT      Tore of Weil      Gene      Subject      Tore of Weil      Gene			==
Impediate       NA         State of Operate       NA         With State       NA         With State of Operate       NA	SUB	MIT IN TRIPLICATE	
	Type of Well		
Name of Operator       Turner 'B' #121         Address and Telephone No.       9. Act Well No.         20 NORTH BROADWAY, SUITE 150 , OKLAHOMA CITY, OKLAHOMA 73102 (405)552.4527       10. Feld and Pool, or Exploratory Area         2410 'FSL & 1100 'FEL, Sec. 20- 17S-31E       10. Feld and Pool, or Exploratory Area         CHECK APPROPRIAT : BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA         TYPE OF SUBMISSION       Internet State         Address and Tolephone No.       Internet State         State of Intent       Internet State         Internet State       Internet State         State of Intent       Internet State         Internet State       Intere State         In	Mall Gas Other		
Address and Tolophone No. 20 NORTH BRADBWAY, SUITE 150 OKLAHOMA CITY, OKLAHOMA 73102 (408)552.4527  Location of Wall (Footage Sec. 7, R. M. & Survey Description) 2410 FSL & 1100 FEL, Sec. 20-178-31E  CHECK APPROPRIAT <u>EBOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION  CHECK APPROPRIAT <u>EBOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION  Check of Intent  Mathematicate and provide the second state of the sec</u></u>	Name of Operator		8. Well Name and No.
Address and Lettpore No.  24 00 KOTH READAWAY, SUITE 150 , OKLAHOMA CITY, OKLAHOMA 73102 (405)552-4527  Location of Welk (Footage Sec, T, R, M, Jr Survey Description)  2410' FSL & 1100' FEL, Sec. 20, 17S-31E  CHECK APPROPRIAT EBOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION  CHECK APPROPRIAT EBOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION  Notice of Inten  Notice of Inten  Notice of Inten  Notice of Inten  Subsequent Report  Charge of Plans  Conversion to Intelian  Conversion to Intelian  Subsequent Report  Subsequent  Subsequent Repo			
Location of Well (Footage: Sec. T. R. M. 'r Survey Description) 2410' FSL & 1100' FEL, Sec. 20-175-31E	Address and Telephone No.		9. API well No.
	20 NORTH BROADWAY, SUITE 1500, OKL	AHOMA CITY, OKLAHOMA 73102 (405)552-4527	10 Field and Pool, or Exploratory Area
2410' FSL & 1100' FEL, Sec. 20-175-31E  II. County or Parisk. State Eddy County, IM  CHECK APPROPRIAT = BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION  Notee of Intent Advandomment Advandomment Subsequent Report Upging Back Construction Non-Routine Fracturing Dapage Wate Construction Non-Routine Fracturing Dapage Wate Construction Date Of State Date Date Date Date Date Date Date	Location of Well (Footage, Sec., T., R., M., or Surv	vey Description)	
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Notice of intent   Notice of intent   Subsequent Report   Final Abandonment Notice     Please Repair   3 Describe Proposed or Completed Operations (CL arty state all perturent details, and give perturent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurf to this work y* Please change the loca ion of the proposed well from: 2510' FSL & 1200' FEL, Sec. 20-17S-31E to: 2510' FSL & 1100' FEL, Sec. 20-17S-31E to: 2610' FSL & 1100' FEL, Sec. 20-17S-31E 2610' FSL & 100' FSL & 100' FSL & 100' FSL & 100' FSL &	TYPE OF SUBMISSION		
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14. I hereby certify that the foregoing is true       nd correct         Signed       KAREN BYERS         Title       ENGINEERING TECHNICIAN         Date       08/12/96         Approved by       Title         Conditions of approval, if any:       Title         The 18 U.S.C. Section 1001, makes it a crime for a y person knowingly and willfully to make to any department or agency of the United States any false, fictuous or fraudulent statements or representations		2410' FSL & 1100' FI	EL, Sec. 20-175-511
14. 1 hereby certify that the foregoing is true       nd correct         Signed       KAREN BYERS         Signed       Title         File       ENGINEERING TECHNICIAN         Date       08/12/96         Approved by       Title         Conditions of approval, if any:       Title         The 18 U.S.C. Section 1001, makes it a crime for a y person knowingly and willfully to make to any department or agency of the United States any false, firtitious or fraudulent statements or representations			
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Signed       KAREN BYERS         Title ENGINEERING TECHNICIAN       Date 08/12/96         (This space for Federal or State office use)       Title ENGINEERING TECHNICIAN       Date 08/12/96         Approved by       Title Arrow       Date			File Contraction
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any matter within its jurisdiction.	Tit.e 18 U.S.C. Section 1001, makes it a crime for a 19 perso	n knowingly and willfully to make to any department or agency of the United States ar	ny false, fictitious or fraudulent statements or representations a

DISTRICT I P. O. Box 1980 Hobbs, NM 88241-1980

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

DISTRICT III 1000 Rio Brazos Rd. Aztec, NM 87410

<sup>1</sup> API Number

DISTRICT IV P. 0. Box 2088 Santa Fe, NM 87507-2088

# Energy Minerals, and Natural Resources Der ment

State of New Mexico

Instructions on back

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

AMENDED REPORT

# OIL CONSERVATION DIVISION P. 0. Box 2088 Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT 3 Pool Name

<sup>2</sup> Pool Code

Grayburg Jackson TRUS - GW - 6B - SA 78509 30-015-29159 <sup>a</sup> Well Number \* Property Code <sup>5</sup> Property Name TURNER 'B' 121 15966 <sup>9</sup> Elevation 'OGRID No. Operator Name DEVON ENERGY OPERATING CORPORATION 3713' 136025 " SURFACE LOCATION Lot Ida Feet from the North/South line Feet from the East/West line Range County UL or lot no. Section Township 17 SOUTH 31 EAST, N.M.P.M. 2410' SOUTH 1100' EAST EDDY 20 T "BOTFOM HOLE LOCATION IF DIFFERENT FROM SURFACE Lot Ida Feet from the North/South line Feet from the East/West line County Township Range UL or lot no. Section 14 Consolidation Code 15 Order No. <sup>13</sup> Joint or Infil 12 Dedicated Acres 40 NO ALLOWABLE WELL 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 that the information contained herein is true and complete to the best of my knowledge and belief. Signature tiong beloon Printed Name Randy Jackson Title District Engineer Date 8/9/96 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 1100' my supervision, and that the same is true and correct to the best of my belief. Date of Survey HHH CAL 1996 Signature and Mrel/o Professiesal Surry of 2410' V. LYNN

BEZNER 7920 ner #7920 S

JOB #4656 98 SW V.H.B.

DISTRICT I P. O. Box 1980 Hobbs, NM 88241-1980 State of New Mexico Ene Minerals, and Natural Resources D "tment

OIL CONSERVATION DIVISION

P. O. Box 2088 Santa Fe, New Mexico 87504-2088 Form C-102 Revised 02-10-94

Instructions on back

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

AMENDED REPORT

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

Artesia, NM 88211-0719

DISTRICT II P. O. Drawer DD

<u>DISTRICT\_IV</u> P. O. Box 2088 Santa Fe, NM 87507-2088

<sup>32</sup> WELL LOCATION AND ACREAGE DEDICATION PLAT

' API Number			2 P	ool Code		/	3 Poo	l Nam	le					
						/			Gray	ourg Jac	<u>cks</u>	on		
* Property Cod	le	5 Property	Name	•	7								<sup>6</sup> Well Number	
15966							TUR	RNEF	S B				121	
'OGRID No.		* Opers tor	Name										<sup>9</sup> Elevation	
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## INIMUM BLOWOUT PREVENTER REQUIREMENTS

### 3,000 psi Working Pressure

#### 3 MWP

## EXHIBIT #1

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No.	liem		Min. I.D.	Min. Nominal
1	Flowline			
2	Fill up line			2*
З	Drilling nipple			
4	Annular preventer			
5	Two single or one dual his operated rams	draulically		
6a	Drilling spool with 2" mir 3" min choke line outlets	0/		
<b>6</b> b	2" min. kill line and 3" m outlets in ram. (Alternate	in. choke line to 6a above.)		
7	Valve	Gate D Plug D	3-1/8"	
8	Gale valve-power oper	-ited	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	Vaive	Gate D Plug D	1-13/16"	
14	Pressure gauge with ne	adle valve		
15	Kill line to rig mud pump			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 ne 3,000 psi. minimum
- 2. Automatic accumulator (84) 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 prevvente: or its equivalent on derrick floor at all times with proper threads to fit sipe being used.
- 6.Kelly saver-sub equipped with rubber casing protector at all times.
- 7.Plug type blowout preventer tester.
- 8.Extra set pipe rams to fit srill 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 require i.

#### **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 (suitable clamp 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.
- 5.All valves to be equipped with handwheels or handles ready for immediate US8.
- 6.Choke lines must be suitably anchored.

- 7.Handwheels and extensions to be connected and ready for use.
- 8.Vaives adjacent to drilling spool to be kept open. Use outside valves except for emergency.
- 9. All seamless sieel control piping (3000 psi working pressure) to have flexible joints to avoid stress. Hoses will be permitted.
- 10.Casinghead connections shall not be used except in case of emergency.
- 11.Do not use kill line for routine fill-up operations.

## MINIMUM CHOKE MANIFOLD J,000, 5,000 and 10,000 PSI Working Pressure

## 3 MWP - 5 MWP - 10 MWP



			MINI	NUM REQU	REMENTS	5				
	· · · · · · · · · · · · · · · · · · ·		3,000 MWP			5,000 MWP			10,000 MWF	•
No.		1.D.	NOMINAL	RATING	1.D.	NOMINAL	RATING	I.D.	NOMINAL	RATING
1	Line from drilling spoc		3-	3,000		3-	5,000		3.	10,000
2	Cross 3"x3"x3"x2"			3,000			5,000			
~	Cross 3"x3"x3"x3"									10,000
3	Valves(1) Gate D Plug D(2)	3-1/8*		3,000	3-1/8"		5,000	3-1/8*		10,000
4	Vaive Gate [] Plug [](2)	1-13/16*		3,000	1-13/16"		5,000	1-13/16*	,	10,000
4a	Valves(1)	2-1/16"		3,000	2-1/16"		5,000	3-1/8*		10,000
5	Pressure Gauge			3,000			5,000			10,000
6	Valves Gate C Plug (2)	3-1/8*		3,000	3-1/8-		5,000	3-1/8*		10,000
7	Adjustable Choke(3)	2"		3,000	2.		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 Piug D(2)	3-1/8"	1	3.000	3-1/8"		5,000	3-1/8"		10,000
12	Lines		3"	1,000		3*	1,000		3"	2,000
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 Separator		2'x5'			2'x5'			2'x5'	
16	Line		4*	1,000		4"	1,000		4"	2,000
17	Valves Gale C Plug C(2	3-1/8"		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 choice required on 5,000 psi and 10,000 psi for drilling.

## EQUIPMENT SPECIFICATIONS AND INSTALLATION INSTRUCTIONS

- 1. All connections in those manifold shall be welded, studded, flanged or Cameron 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 sucurely anchored.
- 4. Chokes 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 apool 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 tees.
- 7. Discharge lines from chokes, choke bypass and from top of gas separator should vent as far as practical from the well.

# Attachment to Exhibit #1 NOTES REGARDING BLOWOUT PREVENTORS Grayburg-Jackson Field 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 BOPE 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 3 000 psi working pressure.
- 4. All fittings will be flanged.
- 5. A full bore safety valve tested to a minimum 3000 psi W.P. with proper thread connection; will be available on the rotary rig floor at all times.
- 6. All choke l nes 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 maint: in a kelly cock attached to the kelly.
- 9. Hand whet is 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.