Form 3160-3 (December 1990)	DEPARTMEN	D STATES)F THE INTERI AND MANAGEMENT	SUBMITIN IRRELIC OR Secondicer master and reverse sides	TE: Form approv	
	APPLICATION FOR PERI	MIT TO DRILL OR DEEPEN		ALL TIER .	K TRIBE NAME
LA TYPE OF WORK:	DRILL 🔀	DEEPEN	DECEME	<u> </u>	
b TYPE OF WELL:	Other				
2. NAME OF OPER.		RATING CORPORATION	138652141995	Turner "B" #114	5966
3. ADDRESS AND '		TE 1500, OKC, OK 73102			-79187
At surface 113 At top proposed pro	d. zone (SAME)	ocation	SUBJECT TO LIKE APPROVAL BY STATE	GRAYBURG-JACKSO CONTROL - CONTROL -	CK AND SURVEY OR AREA
	AND DIRECTION FROM NEAREST TOWN tiles south of Loco Hills, N.M.	OR POST OFFICE.		EDDY	13 STATE NM
15. DISTANCE FROM PRO LOCATION TO NEARE PROPERTY OR LEASE (Absolutions) descent	ST 1130'	16.NO. OF ACRES IN LEASE 1786.15		1 NUL OF AC 13 THIS V 40	
18.DISTANCE FROM PRO	PPOSED LOCATION* DRILLING, COMPLETED,	19. PROPOSED DEPTH 4200'		Rotary	CABLE TOOLS*
21.ELEVATIONS (Show w 3638'	thether DF, RT, GR, etc.)			January 1, 1	
23.		PROPOSED CASING AND	CEMENTING PROGRAM		
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SFITTING LEFTH	QUAN	FITY OF CEMENT
17 1/2"	13 3/8" II-40	48.0#	40° Post II)- Concrited to sur	face w/Redimix
12 1/4"	8 5/8" J-55	24.0#	370''	6 Latest PSL 2 .	200 sk Class "C"

 $17/8^\circ$ $51/2^\circ$ 15.5%10 - 4 - 76We plan to circulate cement to surface on all casing strings. Devon Energy Operating Corporation proposes to drill to 4200" to test the Grayburg-Jackson formation for commercial quantities of oil. If the Grayburg-Jackson 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.

7 7/8

Drilling Progra		The undersigned accepts all applicable	
Exhibits #1/1-A	= Blowout Prevention Equipment	terms, condition, stipulations and	
Exhibit #2	= Location and Elevation Plat	restrictions concerning operations	
Exhibit #3/3-A	= Road Map and Topo Map	conducted on the leased land or portions	C.5. 23
Exhibit #4	= Wells Within 1 Mile Radius	thereof, as described below:	211 :
Exhibit #5	= Production Facilities Plat	Lease No. LC029395-B 5	
Exhibit #6	= Rotary Rig Layout	Legal Description: Section 30-417 -R31E	
Exhibit #7	= Casing Design	Bond Coverage: Nationwide	
H2S Operating Plan		BLM Bond No.: CO1151	••

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 pertinent data on subsurface locations and measured and true vertical depuits. Give biowoon preventer program, if any, 24 RANDY JACKSON

SIGNED	TITLE <u>DISTRICT LNGINH</u> DATE	
*(This space for Federal or State office use)		APPROVAL SUBJECT TO
PERMIT NO	APPROVAL DATE	GENERAL REQUIREMENTS AND
Application approval does not warrant or certify that the applicant holds legal CONDITIONS OF APPROVAL, IF ANY:	or equitable title to those rights in the subject lease which would e	SPECIAL STIPULATIONS antic the applicant to conduct operations thereon. ATTACHED
APPROVED BY // JOAN R. FLOREZ	TITLE Acting 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

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

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

DISTRICT III 1000 Rio Brazos Rd. Aztec, NM 87410

DISTRICT IV P. O. Box 2088 Santa Fe, NM 87507-2088 State of New Mexico Enr. , Minerals, and Natural Resources Γ rtment

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

P 30 17 SOUTH 31 EAST, N.M.P.M. 1130' SOUTH 1220' EAST EDDY "BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE Ul or lot no. Section Tormship Range Lot Ma Pett from the North/South line Pett from the East/West line County "Dedicated Acres 9 Joint or Infill "Consolidation Code "Order Ne.	¹ API Number	API Number ² Pool Code				ol Name			`	
* Property Gode * Property Mane 13*966 114 13*966 * Operator Name * Elevation 3680* 136025 * SURPACE LOCATION * Elevation * Ul or lot no. Section Tormably Range 1150* * 17 SOUTH 31 EAST, N.M.P.M. Lt 12* Feet from the Set/Test line County * 10 17 SOUTH 31 EAST, N.M.P.M. Lt 12* SOUTH 1220* East/Test line County * BOTTOM HOLE LOCATION IP DIFFERENT FROM SURFACE * South is Section Tormahip Range Lot 14* Feet from the East/Test line County * Deleved Acree *Joint or Infill * Consolidation Code * Order Ne. * Section Feet from the East/Test line County * Deleved Acree *Joint or Infill * Consolidation Code * Order Ne. * Section Versite Division * Operator Maxee * Joint or Infill * Consolidation Code * Order Ne. * Section No. Allowale for the infirm	30.0	15	29187			Grayb	urg Jacksc	n. TRUS - Q	4-6B-5	A
* 00EUD No. 136025 * 0perstor Name BEVDN ENERGY DPERATING CURPDRATION * Elevation 3638* * SURFACE LOCATION * SURFACE LOCATION 3638* UL or lot an. Section Township P Sage 1220* EAST EDDY UL or lot an. Section Township P Sage Lot 34 Pest from the Morth/South Line Pest from the East/West Line County EAST EDDY UL or lot an. 40 Section Township P Range Lot 36 Fest from the North/South Line Pest from the East/West Line County East/West Line County County *0 Delicated Acree *1 Joint or Infill * Consolidation Code *3 Greer No. *3 Greer No. *3 Greer No. *40 *0 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 / hereby certify that the information containd hereby Jack son This *0 Hereby certify that the well / action shown on this plat wars plotted form field notes of actual synchrotechy that the well / hereby certify that the well / action shown on this plat wars plotted form field notes of actual synchrotechy that the well / hereby certify that the well								1	⁵ Well Number	
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3,000 psi Working Pressure

3 MWP

STACK REQUIREMENTS

No.	ltem		Min. I.D.	Min. Nominal
1	Flowline			
2	Fill up line			2*
3	Drilling nipple			
4	Annular preventer			
5	Two single or one dual hy operated rams	draulically		
6a	Drilling spool with 2" min. 3" min choke line outlets			
6 b	2" min. kill line and 3" min outlets in ram. (Alternate I			
7	Valve	Gale 🗆 Plug 🗅	3-1/8"	
8	Gate valve-power operation	led	3-1/8"	
9	Line to choke manifold			3"
10	Vaives	Gate 🖸 Piug 🖸	2-1/16"	
11	Check valve		2-1/16"	
12	Casing head			
13	Valve	Gate 🗆 Piug 🗆	1-13/16"	
14	Pressure gauge with need	die valve		
15	Kill line to rig mud pump r	nanilold		2*

		OPTIONAL	4	
16	Flanged valve		1-13/16"	

CONTRACTOR'S OPTION TO FURNISH:

- 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. Plug type blowout preventer tester.
- 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, if required.

GENERAL NOTES:

- 1.Deviations from this drawing may be made only with the express permission of MEC's Drilling Manager.
- 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 choile. 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.

EXHIBIT #1



- 7.Handwheels and extensions to be connected and ready for use.
- Valves adjacent to drilling spool to be kept open. Use outside valves except for emergency.
- All seamless steel 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 3,000, 5,000 and 10,000 PSI Working Pressure

EXHIBIT #1-A



			MINI	MUM REQU	JIREMENT	S				
		3.000 MWP				5,000 MWP			10,000 MWF	<u> </u>
No		I.D.	NOMINAL	RATING	1.D.	NOMINAL	RATING	1.D.	NOMINAL	RATING
1	Line from drilling spool		3.	3,000		3-	5,000		3.	10,000
2	Cross 3"x3"x3"x2"			3,000			5,000	_		
	Cross 3"x3"x3"x3"								1	10,000
3	Valves(1) Gate D Plug D(2)	3-1/8"		3,000	3-1/8*		5.000	3-1/8"	1	10,000
4	Gate ⊡ Valve Plug ⊡(2)	1-13/16*		3,000	1-13/16*		5,000	1-13/16*		10,000
4 a	Valves(1)	2-1/16*		3,000	2-1/16*	1	5,000	3-1/8"		10.000
5	Pressure Gauge			3,000		1	5.000		1	10,000
6	Gate C Valves Plug D(2)	3-1/8*		3,000	3-1/8*		5,000	3-1/8"		10.000
7	Adjustable Choke(3)	2*		3.000	2*	1	5.000	2.	1	10,000
8	Adjustable Choke	1*		3.000	1*	1	5,000	2.		10.000
9	Line		. 3*	3,000		3-	5,000		3"	10,000
10	Line		5.	3,000		2.	5,000		3.	10,000
11	Gate C Valves Plug (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.	2.000
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	<u> </u>	4'	2,000
17	Valves Gate [] Plug [](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 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 Cameron clamp of comparable rating.
- 2. All flanges shell 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. 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 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 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 3000 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 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.