+'orm 3165-3 (December-1990)	DEPART	MEN	STATES OF THE INT			S. 1st ST.	TION D	Form approved.	CIY RIAL NO.
			IT TO DRILL OR DI	CDEN		ESIA, NM (
A TYPE OF WORK:							- NA	NDIAN, ALLOTTEE OR 1	NUBE NAME
	DWILL	X	DEEPEN	I			7.UNIT	AGREEMENT NAME	
b. TYPE OF WELL:	0.43	Other	BINGLE		MULTIPLE		NA		
NAME OF OPERA	TOR	Culta	ZONE		ZONS		8.7356	OR LEASE NAME, WELL	. 180.
		RGY OPER	ATING CORPORA	TION	1360	225	Turne	er "B" #113 /	5960
ADDRESS AND T	ELEPHONE NO.							WELL NO.	
	20 N. BROAL	WAY, SUIT	TE 1500, OKC, OK	73102	(405) 552-45	i60		015-295	573
		clearly and in a	accordance with any Sta	ite require	ments)*			LD AND POOL, OR WILD	CAT
At surface 1120	' FSL & 2230' FWL				. ಜಾಕು≦ವ			BURG JACKSON	<u> </u>
At top proposed prod		UN	TN		MAY -	2:007		'ION 30 -T17 S - R31	
4 miles East & 1 n			or post office*					UNTY OR PARISH	13. STATE NM
5.DISTANCE FROM PROI LOCATION TO MEAREN			16.HO. OF ACRES	DI LEASE			-	17.NO. OF ACRES TO THIS WELL	
PROPERTY OR LEASE	LINE, FT.	1120'	1786.15					40	
(Also to nearest drig, unit) 8. DISTANCE FROM PROF TO MEAREST WELL, E OR APPLIED FOR, ON	RILLING, COMPLETED,	750'	19. PROPOSED DEPTH 4200'	I				20. ROTARY OR CI Rotary	BLE TOOLS+
1.ELEVATIONS (Show wi 620			- - 1				1	. APPROX. DATE WORK ugust 1, 1996	WILL START*
3.			PROPOSED CASIN	G AND C	EMENTING	PROGRAM			
SIEE OF HOLE	GRADE, SISE	OF CASING	WEIGHT PER	TOOT	02	SETTING DEPTH	<u> </u>	QUANTIT	OF CENERAL
2 1/4"	8 5/8" J-55		24.0#		370-42	5'		125 sk Lite cmt +	200 sk Class "C"
7/8"	5 1/2" J-55		15.5#		4200'	-		550 sk Lite cmt +	425 sk Class "H"
			 casing strings. ercial quantities o						

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.

<u>Drilling Program</u>	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	
Exhibit #4 = Wells Within 1 Mile Radius	thereof, as described below:	
Exhibit #5 = Production Facilities Plat	Lease No. LC029395-B	
Exhibit #6 = Rotary Rig Layout	Legal Description: Section 30-T17S-R31E	· · ·
Exhibit #7 = Casing Design	1 Bond Coverage: Statewide in CO, NM, UT, & WY	** . • . •
H2S Operating Plan SPECIAL STIPULATION	Faltry Mondsho.: CO1151	
ATTACHED IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is t	-	С.
is to drill or deepen directionally, give pertinent data on subsurface location	ns and measured and true vertical depths. Give blowout preventer pro	ucuve zone. If proposal gram, if any.

24.

SIGNED

RANDY JACKSON TITLE DISTRICT ENGINEER

DATE _6/5/96

*(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds logal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

/s/ Gary Bowars APPROVED BY

Parton International TITLE Act

DATE		MAY	1	1997
DATE	_			

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

Form 3160-5	IT TED STATES	Distance 4
(June 1990) DEP	ARTNULLI OF THE INTERIOR N.M. OIL 3.	Division Copy
BURE	FALLOF LAND MANAGEMENT 811 S 1st Street	FORM APPROVED
	Artesia, NM 8821	0-2834 Express March 31 1993 5. Lease Designation and Serial No.
	NOTICES AND REPORTS ON WELLS als to drill or to deepen or reentry to a different reservoir.	LC-029395-B
Use "APPLICA	ATION FOR PERMIT—" for such proposals	6. If Indian, Allottee or Tribe Name
		
		7. If Unit or CA, Agreement Designation
1. Type of Well Soli Well Gas Well Other Well Other Ot	· · · · · · · · · · · · · · · · · · ·	8. Well Name and No.
2. Name of Operator DEVON ENERGY OPERATING	G CORPORATION	Turner "B" #113
3. Address and Telephone No.		9. API Well No.
20 NORTH BROADWAY, SUITE 150	00, OKLAHOMA CITY, OKLAHOMA 73102 (405)552-4527	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage. Sec., T., R., M.	, or Survey Description)	Grayburg Jackson
1120' FSL & 2230' FWL, Sec. 30	1-17S-31E	11. County or Parish, State
		Eddy County, NM
CHECK APPROPRIAT	E BOX(s) TO INDICATE NATURE OF NOTICE, RE	PORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTIO	N
Notice of Intent	Abandonment	Change of Plans
F1		New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
Final Abardonment Notice	Casing Repair Altering Casing	Water Shut-Off Conversion to Injection
	Other	Dispose Water
		Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
	early state all pertunent details, and give pertinent dates, including estimated date of starting an	
locations and measured and true vertical depu	hs for all markers and zones pertinent to this work.)*	
Diseas shares the Arri	liestion for Domit to Duill on the proposed well of Col	11
Please change the App	lication for Permit to Drill on the proposed well as fol	llows:
Daily production to be	sold from this well will go to the Turner B North Bat	tton Son 20 175 21E Testing
	vill be maintained at the Turner B Premier (South) Bat	
	rner B North Battery for sales.	ttery, Sec. 29-173-31E. Test off
will be piped to the Tu	The D North Battery for sales.	
Enclosed are diagrams	of these facilities	
Enclosed and diagrams	or mose ruenities.	9 53 A
		01
14. I hereby pertify that the foregoing is true as	nd correct	
Kanna Rusa	KAREN BYERS	
Signed KONA DULA (This space for Federal or State office use)		Date 10/18/96
(This space for Federal or State office use)		
Approved by	Title Telling Area Manan	Date
Conditions of approval, if any:	.)	_

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.

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C. DEVENT DO Control DO CONSERVATION DIVISION P. O. Box 2008 Santa Fe, New Mexico 87504-2008 AMENDED REPORT P. O. Box 2008 Santa Fe, New Mexico 87504-2008 AMENDED REPORT P. O. Box 2008 Santa Fe, New Mexico 87504-2008 AMENDED REPORT P. O. Box 2008 Santa Fe, New Mexico 87504-2008 AMENDED REPORT P. O. Box 2008 Santa Fe, New Mexico 87504-2008 AMENDED REPORT P. O. Box 2008 Santa Fe, New Mexico 87504-2008 AMENDED REPORT P. O. Box 2008 Santa Fe, New Mexico 87504-2008 AMENDED REPORT P. O. Box 2008 Santa Fe, New Mexico 87504-2008 AMENDED REPORT P. O. Box 2008 Santa Fe, New Mexico 87504-2008 AMENDED REPORT P. O. Box 2008 Santa Fe, New Mexico 87504-2008 P. O. Box 2008 Santa Fe, New Mexico 87504-2008 P. O. Box 2008 Santa Fe, New Mexico 87504-2008 AMENDED REPORT P. O. Box 2008 Santa Fe, New Mexico 87504-2008 P. O. Box 2008 Santa Fe, New Mexico 87504-2008 P. O. Box 2008 Santa Fe, New Mexico 87504-2008 Prest 000 Pr	DISTRICT I P. O. Box 1 Hobbs, NM	980 88241-1	980	En	, M i	St inerals, a	ate of and Na	New	Mexico 1 Resour	rces !	rtme	ent	Revised	orm C-102 02-10-94 ms on bock
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F. O. Box 2088 WELL LOCATION AND ACREAGE DEDICATION PLAT **Res Noth FE, NM 87507-2088 *Peed Nease Grayburg Jackson (ON, SR, GE, SA) **Roperty Code *Property Name **Toperty Code *Property Name 136025 *Porter Name 136025 *SURFACE LOCATION *SURFACE LOCATION *SURFACE LOCATION U. et lot and Section Tormable *Bortion Bortion *Bortion Tormable *Bortion Tormable *Bortion Bortion	1000 Rio B	razos Ro	I.			I	P. O.	Box	2088				AMENDED	REPORT
Troperty Code * Property Name Grayburg Jackson (ON, SR, GB, SA) **rest Number **rest Number **rest Number 15966 **rest Number **rest Number **rest Number DEVID ENERGY DPERATING CORPORATION **rest Number 136025 **SURFACE LOCATION **rest Number **URFACE LOCATION **Rest Number **rest Number **BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE **rest Number **rest Number **BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE **rest Number **rest Number **BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE **rest Number **rest Number **BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE **rest Number **rest Number **BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE **rest Number **rest Number **BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE **rest Number **rest Number **rest Number **rest Number **rest Number **re	P. O. Box 2	2088	7-2088		L LOCA	TION A	ND A	CRE	AGE DI	EDICATIC	N I	PLAT		
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			 		<u> </u>	 .1	·					V. D. HOR	LAND STR	#7920

MINIMUM BLOWOUT PREVENTER REQUIREMENTS

3,000 psi Working Pressure

J MWP

STACK REQUIREMENTS

No.	llem		Min. 1.D.	Min. Nominal
1	Flowline			
2	Fill up line			2"
3	Drilling nipple			
4	Annular preventer			
5	Two single or one dual hyd operated rams	fraulically		
6a	Drilling spool with 2" min. 3" min choke line outlets	kill line and		
6 b	2" min. kill line and 3" min outlets in ram. (Alternate to			
7	Vaive	Gale 🗆 Plug 🗆	3-1/8"	
8	Gate valve-power operat	ed	3-1/8"	
9	Line to choke manifold			3"
10	Valves	Gate 🗆 Piug 🖸	2-1/16*	
11	Check valve		2-1/16"	
12	Casing head			
13	Valve	Gate D Piug D	1-13/16*	
14	Pressure gauge with need	lie valve		
15	Kill line to rig mud pump n	naniloid		2"

		OPTIONAL		
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.
- Inside blowout prevventer or its equivalent on derrick floor at all times with proper threads to fit pipe being used.
- 5.Kelly saver-sub equipped with rubber casing protector at all times.
- 7.Plug 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, if required.

GENERAL NOTES:

- 1.Deviations from this drawing may be made only with the express permission of MEC's Dritting Manager.
- 2.All connections, valves, fittings, piping, stc., 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.
- All valves 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 seemless steel control piping (3000 psi working pressure) to have flexible joints to avoid stress. Hoses will be permitted.
- 10.Casingheed 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 REQL	AREMENT	S				
			3,000 MWP			5,000 MWP	1	1	10,000 MWF	>
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"									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	Valve Gate C Plug D(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 Cl(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	5.	1	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	Vaives 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"	2.000
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'		1	2'x5'			2'x5'	
16	Line		4*	1,000		4"	1,000		4	2.000
17	Valves Gate 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) Gale valves only shall be used for Cless 10M.

(3) Remote operated hydraulic choke required on 5,000 psl 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 shall be API 68 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.
- 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 value 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.