(December 1990)				R (See other, rections .		Form approved.	
						DESIGNATION AND SERIA 9435-B	LINO.
<del></del>			T TO DRILL OR DEEPEN		6.IF D	DIAN, ALLOTTEE OR TRIE	e name
La TYPE OF WORK:	DRILL	Other				AREDMENT NAME	:
2 NAME OF OPERAT	OR DEVON EN	ERGY OPERA	TING CORPORATION	136025	Keel "	OR LEASE NAME, WELL NO B" #85	h.
3. ADDRESS AND TE		DWAY SHITE	2 1500, OKC, OK 73102 (4	05) \$52_4530		- CY 5 - 25	287
LOCATION OF WEI At surface 1341 F At top proposed prod. 2	LL (Report location FSL & 10 FEL	a clearly and in ac	cordance with any State requirem Non- andard Ception	BY STATE	GRAY	D AND POOL, OR WILDCAN BURG-JACKSON , T., R., M., OR BLOCK AND ION 5 T17 S - R31 E	8504
14.DISTANCE IN MILES A 4 miles east & 4 mile			POST OFFICE.		12. CO EDDY	UNTY OR PARISH	13. STATE NM
15. DISTANCE FROM PROPO- LOCATION TO NEAREST PROPERTY OR LEASE L: (Also to nearest drig, unit line 18. DISTANCE FROM PROPO TO NEAREST WELL, DR: OR APPLIED FOR, ON 1	INE, FT. eifany) SED LOCATION* ILLING, COMPLETED	10' FEL	16.NO. OF ACRES IN LEASE 1885.0 19.PROPOSED DEPTH 4000		······	17. NO. OF ACRES AN TO THIS WELL 40 20. ROTARY OR CABLI Rotary	
21.ELEVATIONS (Show what 3886' GR			<b>I</b>		1	APPROX. DATE WORK WII CEMBER 1, 1994	L START*
23.			PROPOSED CASING AND CE	MENTING PROGRAM			
SIZE OF HOLE	GRADE, SIZ	OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY O	
12 1/4" 7 7/8"	8 5/8" J-55		24.0#	400'		165 sk lite cmt + 200	
/ //ð``	5 1/2" J-55		15.5#	4000'		500 sk Class "C" 35/6	
the Grayburg-Jac	ckson formatic olugged and at llowing exhibit	on for commen oandoned per is and attachn	The unders	the Grayburg-Jackson is	ore oil	ed non-commercial	4000' to test l. the

Exhibits #1/1-A = Blowout Prevention Equipment	terms, condition, stipulations and	 5
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	ŝ,
Exhibit #4 = Wells Within 1 Mile Radius	thereof, as described below:	
Exhibit #5 = Production Facilities Plat	Lease No. LC029435-B	÷.
Exhibit #6 = Rotary Rig Layout	Legal Description: Section 5-T17N-R31E	2.0
Exhibit #7 = Casing Design	Bond Coverage: Nationwide	:
H2S Operating Plan	BLM Bond No.: PENDING	
		<b>د</b> ب
		and here same

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 depths. Give blowout preventer program, if any.

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SIGNED	RANDY JACKSON TITLE <u>DISTRICT ENGINEER</u> DATE <u>O</u>	1-20-95 1-20-95 1000 Like + HP-II
*(This space for Federal or State office use)		APPROVAL SUBJECT TO
PERMIT NO	APPROVAL DATE	GENERAL REQUIREMENTS AND Special stipulations
Application approval does not warrant or certify that the applicant ho CONDITIONS OF APPROVAL, IF ANY:	lds legal or equitable title to those rights in the subject lease which would enti	the the applicant to conduct operations thereon.
APPROVED BY		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

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

DISTRICT II P. O. Drower 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

State of New Mexico inerals, and Natural Resource )ep. lent erg,

Form C-102 Revised 02-10-94

Instructions on back

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

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

AMENDED REPORT

WELL LOC	ATION	AND	ACREACE	DEDICATION	PLAT
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' API Number		<sup>2</sup> Pool Code			d Name				
* Property Sec	* Property N	e in e	K	EEL "	B" FEDERA	۱L		* Vell Number 85	-
'OGRID Na	* Operator N		VDN EN	ERGY	OPERATIN	G COMPANY		* Elevation 3886	h. 
			" SUR	FACE	LOCATION				
UL er ist no. Section 5	Ternship 17 SOUTH	Rang 31 EAST,		Lot Ida	Fost from the 1341'	North/South Him SOUTH	e Feet from the 10'	East/Vest line EAST	County
				ON TE		NT FROM S		EASI	EDDY
UL er lot no. Section	Township	Rang				North/South lin		Last/Vest line	County
<sup>12</sup> Bedicated Acres <sup>13</sup> Jes	nt er infili	* Concelidatio	en Cada	* Order					
40									
(555, NO ALL CON	OWABLE WE	CR A NON	IGNED TO	THIS RD UNI	COMPLETION T HAS BEEN	UNTIL ALL I APPROVED E	NTERESTS HA	VE BEEN ION	
						13411	/ hereby cent contained her to the best of Bigmature RANDY JAC Title DISTRICT Date November SURVEYO! / hereby c location sho plotted from surveys mo my supery some is tru best of my Date et Surve COTS Signature and Protection and	KSON ENGINEER 1, 1994 R CERTIFICA ertify that th being and this put field notes of de by me or ision, and this e and correct belief.	ATION be well actual actual actual under at the to the

# **DRILLING PROGRAM**

Attached to Form 3160-3 Devon Energy Operating Corporation 20 North Broadway, Suite 1500 Keel "B", # 85 1341 FSL & 10 FEL Section 5-T17S-R31E Eddy County, New Mexico

## 1. <u>Geologic Name of Surface Formation</u>:

Permian

# 2. Estimated Tops of Important Geologic Markers:

<u>Tops</u>
335'
635'
1585'
1735'
2035'
2635'
3055'
3375'

# 3. Estimated Depths of Anticipated Fresh Water, Oil or Gas:

<u>Water</u>

Upper Permian: Surface - 300'

<u>Oil</u> Grayburg:/San Andres 3055' - TD 

### 3,000 pel Working Processo

#### 3 MWP

Eddy County, New Mexico Exhibit #1

Ho.     Item     Max.     Max.       1     Finuture     ID     Harrange       2     Pan up une     2"       3     Dathing agests     2"       4     Annutter provemant     2"       4     Annutter provemant     2"       5     Two maple or anno dual hydraukanity approximations     2"       6     Dathing appeal with 2" min. Mill into and 2" min chains into catles     2"       6     2" min. Mill into and 2" min. annual state     2"       7     Valvo     Bate D Plag D     2-16"       8     Gate valveproventer approach     2-16"       9     Line to state manifold     3"       10     Valvo     Bate D Plag D     2-16"       11     Cheat valve     3-160"       12     Caning head     3       13     Valvo     Bate D Plag D     1-1376"       14     Processore gauge with neordie valve     3	_	STACK RED	UREMENTS	
2     Pain up nov     2"       3     Defining supple	-	b. Nom		
3     Datting apple     *       4     Annutar provemant     *       4     Annutar provemant     *       5     Two mayle or one dual hydriculanly appreciation come     *       6     Datting spece with 2° min. hill into and 3° min chains into cation     *       6     2° min. hill into and 3° min chains into cation     *       6     2° min. hill into and 3° min chains into cation     *       6     2° min. hill into and 3° min chains in can. (Alternate to 6e strave.)     *       7     Valvo     Gate D Plag D     *       8     Line to chains manifold     5°       9     Line to chains manifold     5°       10     Valvo     Gate D Plag D     *       11     Check valvo     3       12     Casing head     *       13     Valvo     Gate D Plag D     *       14     Presence proup with massion wite     *		Flauture		
3     Dotting apple       4     Annuter provement       5     Two sample or one dual hydrouteally approach with 2" sets, tell into and       6     Detering space with 2" sets, tell into and       7     Make and 3" sets, tell into and       7     Value and 3" sets, tell into and       8     Gate and 3" sets, tell into and       7     Value and 3" sets, tell into and       8     Case D autosts in rem. (Minemate to the states)       7     Value Battle mention       8     Gate attraction of the states       9     Line to state mention       10     Value Battle mention       11     Cheat attraction       12     Case Plag D       13     Value Plag attraction       14     Presence prove of the state attraction       15     Kill into te of the state and state		Fill up line		2
s     Two maps or ano data hydroxidanly approach cars       bs     Two maps or ano data hydroxidanly approach with 2" min. hill into and 3" mm chain into cating       bs     Drilling speet with 2" min. hill into and 3" mm chain into cating       bs     2" mm chain into cating       cating in cars     Aller       cating in cars     Aller       cating in cars     Aller       cating in cars     Bate 10"       cating in cars     Bate 10"       cating in cars     Bate 10"       cating in cars     Prag C       cating in call     3-10"       11     Cheat value       12     Caning incel       13     Value       14     Processor gauge with mass and witer       15     Hill into to the part and mass another	3	Detting rupple		
Image: second rearrange       Be     Defining special with 2" min. hill into and 3" min chains line exiting       Be     2" min. hill into and 3" min. second into evidents in ream. (Alternate to 6s stores.)       7     Valve       8     Gato valve-growth operated       9     Line to store manifold       9     Line to store manifold       9     Line to store manifold       9     Line to store       10     Valves       9     Bate       11     Cheat valve       12     Casing head       13     Valve       14     Presence growth manual math and to the 15		Annular provensor		
3" man Chaile line exticle       60       2" man, kill line and 3" min, attains ine exticts in rem. (Alternate to its attains)       7       7       8       9       9       10       11       Chest       12       13       14       Pressore gauge with seadle value       15       101	•	operated remp	·	
7     Value     Gate     D       7     Value     Gate     D       8     Gate     Value     Plag     D       9     Line to shate     manifeld     3*16"       9     Line to shate     manifeld     3"       10     Values     Gate     D       11     Cheat     value     3*16"       12     Casing head	•	"" mm choke line outlets	- 1	
Plag     D     Plag       8     Gate valuepower operated     3-1/8"       9     Line to stoke manifold     3-1/8"       10     Values     Gate D Plag     3-1/18"       11     Cheat value     3-1/18"       12     Casing head	••	dunité in rem. (Alternate le Ge au	ine)	
9     Line to shoke manifold     3"       10     Velves     Bate D Plag D     3-1/16"       11     Cheat valve     3-1/16"       12     Casing hand	7	- Phi	D >16	
9     Line to shake manifold     3"       10     Valves     Bate D Plag C     3-1/16"       11     Cheak valve     3-1/16"       12     Casing head		Gate valve-power eporated	3-148-	
10     Values     Date D Plag D     3-1/16"       11     Cheat value     3-1/16"       12     Casing head     3-1/16"       13     Value     Bate D Plag D     1-13/16"       14     Pressure gauge with seadle value     1-13/16"       15     Kill into to do gauge with seadle value     1-13/16"				
12     Casing head     3-178*       13     Valve     Bate D Plug D     1-1376*       14     Pressure gauge with name in valve		Ping Ping	D 3-1/10"	
12     Casing head       13     Value       Plag     1-13/16*       14     Pressure gauge with needle value       15     Kill into to do gauge mail cases gauged			2.1/10-	
Plug D 1-52/16" - 14 Pressure pauge with reactin valve 15 100 time to do main manifest	12	Casing head		
15 / ICH ine to the mail many monthly in		Phy	D 1-13716"	
15 / ICH ine to the mail many monthly in	<u><u><u></u></u></u>	Processo gauge with modile valve		
	15	Kill ine to sig must pump manifold		

STACK	BEAL	Million Provide State	
	RELL	110	MENTS



# CONTRACTOR'S OPTION TO PURNISH:

- 1.All equipment and connections at bradenhand or excinghand. Working processor of proveniers to be \$1,000 ptl, **.**
- Automatic accumulator (80 galles, aninimum) expetitio of classing BCP' in 30 accords or less and, balling them classed 2.6 nat has sense working pressure.
- 2.00P controls, to be invated moor drillers
- d. Kally equipped with Kelly each. E.Inside blowest provember or its
- mient on dernick floor at all times with proper threads to it pipe being used. 6. Kelly sover-sub equipped with relator
- casing protoclar at all times. 7.Phag type bisment provenier tester.
- S. Same set pipe surge to it dill pape in use
- In at all times. S. Type RX and paskets in place of Type R.

### MEC TO PURNERI:

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- 1.Bradenheus er anninghand and side
- 2. Weer bushing. I required.

### GENERAL NOTES:

- 1.Deviations from this drawing may be to only with the supress permission of MEC's Drilling Manager.
- 2.46 R. VEIVEL, BUI iji, piş it to will or particip prov it to Renged (aut ينو حاد campionic) and have minis ... -**بدر پ** ID aqual to rated working no el pr inter ap they igh share, res must be tell opening and auto ter bigh pressure must service.
- Consists to be of standard design and each marked, sharing spaning and clas-3.Com ing people.
- processo nace will be presidented at an red to spor or delay changing al choice ret. Propinsouble proce for adjusted 1.0to, ether been sizet, retainers, and in an an an ann ann ann
- income for immediate use. 8.48 values to be aquipped with handstuads or handles ready for immediate .... C.Chake lines must be autiably anchorad.



7.Handub nels and extensio ----nested and ready for use.

8. Valves adjacent to defing specific be hapt open. Lies estaide velves except for

emergenay. B.AB assertions stant cantral piping (2000 pel westing pressure) to have faultie jaints to avoid street. Hance will be ined.

18. Coolinghood connections shall not be used except in case of emergency.

11.Do not use till ino ter reutine ill-op eperations.

## 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.

# MINIMUM CHOKE MANIFOLL 3,800, 5,000 and 10,000 PSI Working Process

3 MWP · S MWP · 10 MWP



Eddy County, New Mexico Exhibit #1-A

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				MUM ABO							
No.		- 10	Sale Line			S.000 LINT			10.000 MMP -		
1	Line from drilling speed		MOMMAL	MATHIG	LD.	ACCOUNTED AL	AATING	10.	INCOMMAL		
<u> </u>	Com 7 27 27 27		3	3.000			1.000		37		
æ	Cross 3"12"13"12"	<del></del>		2.000			8.000		<u> </u>	10,00	
3	Values(1) Gate D Play ()(2)	3-10*		3.000	3-14*		5.000		<b></b>	10,50	
4	Value Case C	1-12/10-		2.000				3-16-		10.00	
	Ping DRD Volvas(1)	3-1/16"			1-13/16*		5,000	1-12/16**		10.00	
5	Pressure Gauge	- ewa-		2.00	3-1/W"		8,800	3.14		10.00	
	Gate C	-		3,600			5.000				
-	Pag DRI	3-118*		3.000	3-147		1.000	3-10"		10,400	
	Adjustable Chate(3)	8		2.000						10,000	
	Adjustable Chate	9.		2.000			5,990	2		10.000	
_	Ling			3.000			6,000	2		10.000	
<u></u>	Line	1		3.000	÷	5	8,800			10.000	
۰ŀ	Volume Gate []		+			2	8.800		3	10,000	
_	Plug DRD	3-16*		3,000	3-10"		5.880	2-107-	+		
			8	1.000					_	10,000	
			3-	1,800	+	3	1,000		8	2.000	
١Ľ	Names and and an and and						1,000	·	3-	2.000	
	Handpips prossure gauge			2.000	- 1		8.000 I	. 1			
	Line		2.45			8'15'				10.000	
T	0		e l	1.000					8'25'		
1	Anter Prog. (CR)	3-10-				<b></b> +-	1,000		e.	2.000	
				2.000	2-10-		6.000	2-10-			

(2) Gate values any shall be used for Glass 1014.

() A the operand light.

with allocke required an 6.000 pel and 10.000 pel for diding.

# EQUIPMENT SPECIFICATIONS AND INSTALLATION INSTRUCTIONS

- 1. AL 2. 488
- mestions in chains mentiold shall be welded, studded, Sanged or Comeron sizmp of comparable upon shall be API dB or OBX and ring pasiets shall be API FIX or BX. Use only BX for 10 MWP, is shall be seen 3. ALL ie seling.
- 4. Ci e shall be ag
- 1 5. C ... 14 pr
- it. As an a in white a
- tide seats and needlet, and replacements shall be available. Here proper shall be available at the shake manifold to assist in reputations. It, a shake manifold processe gauge shall be incated on the rig floor in an 2 8 n with the st • • 6. Li ið Íran dil i in c .
- terms by large bands or 50° bands using bull plugged lass. 7. Discharge lines from choice, shake bypass and from top al or id to as straight as possible. Lines dow m iram ahahaa ahali maha

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