1						
Submit to Appropriate District Office State Lease – 6 copies	Energy	State of New Me , Minerals and Natural Re		•		Form C-101 Revised 1-1-89
Fee Lease – 5 copies <u>DISTRICT I</u> P.O. Box 1980, Hobbs, NN	× 88240		88 RECEIVED	API NO. ( ass	igned by OCI	on New Wells) 26897
<u>DISTRICT II</u> P.O. Drawer DD, Artesia, I		Santa Fe, New Mexico	87504-2088 DEC = 4 1991			
DISTRICT III 1000 Rio Brazos Rd., Azte	· · · · · · · · · · · · · · · · · · ·		03. 314 11 2.978524 (191 - 711	6. State Oil	& Gas Lease 1	No. 703
1	TION FOR PERMIT	TO DRILL, DEEPEN, O	OR PLUG BACK			
1a. Type of Work:				7. Lease Na	me or Unit Ag	preement Name
DRIL	L X RE-ENTE	R DEEPEN	PLUG BACK	r I	A	
b. Type of Well:		SINGLE		Leve	rs State	-
WEIL X WEIL	OTHER	ZONE		]	to bear	
2. Name of Operator	<u> </u>			8. Well No.		
Plains Petr	oleum Operatin	g Company 🗸			- 4	
3. Address of Operator			· · · · · · · · · · · · · · · · · · ·	9. Pool nam	e or Wildcat	
	., Suite 1000	Midland, Texa	is 79701	🖌 Artesi	a (Queer	n/Grayburg S.A.)
4. Well Location Unit Letter	<u>B</u> : <u>990</u> Foot	From The North	Line and 23	10 Feet	From The	East Line
Section	8 Town	nship 185 Ra	nge 28E	NMPM	Eddy	County
		10. Proposed Depth		I. Formation		12. Rotary or C.T.
			2500	Gray	burg	Rotary
13. Elevations (Show wheth	er DF. RT. GR. etc.)	14. Kind & Status Plug. Bond	15. Drilling Contract		<u>Ŭ</u>	Date Work will start
Gr 363		Statewide	L & M Drl		••	approval
17.	P	ROPOSED CASING AN	ND CEMENT PRO	GRAM		**************************************
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF	CEMENT	EST. TOP
DY" 12/4	8 5/8	24#	350	14	0 .	surf
7 7/8	5 1/2	14#	2500	39	5	surf

Post IP-1 12-13-91 Man boc + API

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12 N N N I	ML VALIO	FOR	18	DAYS
Peladit	يە بىرىمىيە قاتا ئەرىرىچ	6	15	<u>52</u>
UNLESS	DRILLING	) UNDE	RŴ	'AY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

	mation above is type and complete to the best of my know	viedge and belie	Office Manager/Tech	DATE	91
TYPE OR PRINT NAME	Bonnie Husband			TELEPHONE NO. (9	15)683-4434
(This space for State Use)	ORIGINAL SIGNED BY MIKE WILLIAMS			DEC	<b>A</b> 1001
	SUPERVISOR, DISTRICT I	TITLE	<u></u>	DATE	<b>9</b> 1991

ONDITIONS OF APPROVAL, IF ANY:

\_

District Office State Lease — 4 copies Fee Lease — 3 copies

State of New Mexico Ene Minerals, and Natural Resources D rtment Form C-102 Revised 1-1-89

Co.

DISTRICT I P. O. Box 1980 Hobbs, NM 88240

DISTRICT II P. O. Drower DD

Artesia, NM 88210

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

## WELL LOCATION AND ACREAGE DEDICATION PLAT

DISTRICT III 1000 Rio Brazos Rd Aztec, NM 87410 All distances must be from the outer boundaries of the section

<ul> <li>Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.</li> <li>If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest on droyolty).</li> <li>If more than one lease of different ownership is dedicated to the well, have the interest of all the owners been consolidated by communitation, unitization, forced-pooling, etc.?</li> <li>If answer is "no", list the owners and tract descriptions which have actually been consolidated (Use the reverse side of this form if neccessory). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until o non-standard unit, eliminating such interest, has been approved by the division.</li> </ul>	B       B       Is SOUTH       28 LAST       NMPM       EDDY         930       feet from the       NORTH       Hire and       2310       feet from the       FAST       Hire         930       feet from the       NORTH       Hire and       2310       feet from the       FAST       Hire         930       feet from the       NORTH       Hire and       2310       feet from the       FAST       Hire         930       feet from the       Carayburg       Artesta (Queen-Grayburg-S.A.)       40 are         1       Outline the acreage dedicated to the subject well by colored pencil or hackure marks on the plot below.       40         1       more than one lease is dedicated to the well, outline each and identify the ownership thereof (both os to working interest and royity)       3. If more than one lease of different ownership is dedicated to the well, have actually been consolidated. (Use the every been consolidated by communitation, unitication shich have actually been consolidated. (Use the every beak in		ETROLEUM OP	ERATING COMPANY	Lease	LEV	ERS STATE		Well No. 4A
Status       Free trees       NORTH       line and       2310       feet from the       EAST       line         Status       Freedening formation       Artessia (Queen-Grayburg-S.A.)       40 acc         1. Outline the coreoge dedicated to the subject well by colored pencil or hachure morks on the plot below.       1. Outline the coreoge dedicated to the well, outline each and identify the ownership thereof (both as to swring interest and royotty).       3 If more than one lease of different ownership is dedicated to the well, where the interest of all the owners been consolidated by communitization, unitization, forced-pooling, etc.?       In owners and tract descriptions which have actually been consolidated (Use the reverse side of this form if necessary)         No allowable will be assigned to the well, outlin all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwse) or until a non standard unit, eliminating such interest, nas been approved by the division.         920'       920'         920'       920'         920'       920'         920'       920'         920'       920'         920'       920'         920'       920'         920'       920'         920'       920'         920'       920'         920'       920'         920'       920'         920'       920'	Start Rest Mark       NORTH       Hue and       2310       feet from the       EAST       Hue         S634*       Grayburg       Artesta (Queen-Grayburg-S.A.)       40 Aer         1. Outline the acreage dedicated to the subject well by colored pencie of hachner marks on the plat below.       10       10       40         21 If more than one lease is dedicated to the well, outline each and identify the ownership thereol (both as to swring interest and royolty).       10       10       acressing thereol (both as to nonsolidated to the well, outline each and identify the ownership thereol (both as to nonsolidated (Use the rowers in the rowers is de of this form if necessary).       10       Area         1. More than one lease of different ownership is dedicated to the well, nove the interest of all the owners and the consolidated. (Use the rowership is is dedicated to the well, nove the actually been consolidated. (Use the rowership or foreship on the cossary).       No different on the cossary or other wise) or onto a number of the cossary.         No different on one lease of this form if necessary)       and the cossary or other wise) or onto its number of the cossary.       No different on the were well, outline and the cost of t				Range			Co	uniy
900       feet from the       NORTH       line and       2310       feet from the       EAST       line         3634       Grayburg       Artesia (Queen-Grayburg-S.A.)       40 Act         1. Dutline the acreage dedicated to the subject well by colored pencil or hachure marks on the plot below.       16 more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).       3.0       16 more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).       3.0       17 more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).       3.0       16 more than one lease of different ownership is dedicated to the well, have the interest of all the ownership thereof (both as the onsert is "ro", list the owners and tract descriptions which have actually been consolidated. (Use the reverse side of this form indication, order pooling, or otherwise) or until a non-standord unit, eliminating such interest, has been approved by the division.         900       18 on one otherwise) or until a non-standord unit, elimination herein is true complete to the best of normalities of the best of the division.         1900       1900       1900         100       1900       1900         100       100       100         100       100       100         100       100       100         100       100	990     feet from the formation grayburg     NORTH     line and 2310     feet from the formation grayburg     EAST     line       3634'     Grayburg     Artesia (Queen-Grayburg-S.A.)     40 art       1. Outline the acreage dedicated to the subject well by colored genci or hachure marks on the plat below.     40 mer       2 If more than one lease is dedicate to the well, outline each and identify the ownership theored (both as to working interest and royalty).     3. If mare than one lease of different ownership is dedicated to the well, have the interest of all the owners been consolidated by communitzation, unitization, forced-paoling, etc.?     Yes       1. Yes     No. If answers 's 'yes', type of consolidation, unitization, forced-paoling, etc.?     No. If answers 's 'yes', type of consolidation, unitization, forced-paoling, etc.?       No. allowable will be assigned to the well whil all interests nave been consolidated (by communitzation, unitization, forced-paoling, or unit a nun-standard unit, eliminating such interest, has been approved by the division.       0.00000000000000000000000000000000000		-	18 SOUTH		28_E/	ast n	MPM	EDDY
State       Producing Formation Grayburg       Poil Artesia (Queen-Grayburg-S.A.)       40 Artesia (Artesia (Queen-Grayburg-S.A.)         1. Outline the accreage dedicated to the subject well by colored pencil or hachure marks on the plot below.       40 Intervent of the owners on the plot below.         2. If more than one lease of different ownership is dedicated to the well, have the interest of all the owners been consolidated by communization, incred-pooling, etc.?       40 Intervent of the owners on the plot below.         3. If more than one lease of different ownership is dedicated to the well, have the interest of all the owners been consolidated by communization.       10 onswers is "yes", type of consolidation.         1. Outline the answer is "no", list the owners and tract descriptions which have octually been consolidated. (Use the reverse side of this form if neccessary)       No allowable will be assigned to the well until all interests have been consolidated (by communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been opproved by the division.         0.0000 will be assigned to the well of a state the best of nonwledge and beliet.       300 No allowable will be assigned to the well on the state the best of nonwledge and beliet.         0.0000 will be assigned to the well on the state the state the state the division.       000000000000000000000000000000000000	Order Level     Producting Formation Grayburg     Pool Artesia (Queen-Grayburg-S.A.)     40 artesia       1. Outline the accesse dedicated to the subject well by colored pencil or hachure marks on the plot below.     40 artesia       2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royaty).     31 if more than one lease of different ownership is dedicated to the well, have the interest of all the ownership been consolidated by communitation. Interest proposing, etc.?       1. Yes     No.     If answer is 'yes', type of consolidation.       1. We mark is by communitation.     Interest consolidated (by communitation, unitization, forced-pooling, or different owners ond tact descriptions which have octually been consolidated. (Use the reverse side his form owners and tact descriptions which have octually been consolidated. (Use the reverse side his form owners ond tact descriptions which have octually been consolidated. (Use the reverse side of his form been of the well outli di interests fore been consolidated (by communitation, unitization, forced-pooling, or otherwise) or unit a non-standerd unit, eliminating such interest, has been approved by the division.       2310 <sup>±</sup> <td>-</td> <td></td> <td></td> <td>_</td> <td>0310</td> <td></td> <td></td> <td>E. 67</td>	-			_	0310			E. 67
<ul> <li>Outline the acreage dedicated to the subject well by colored pencil or hachare marks on the plat below.</li> <li>If more than one lease is dedicated to the well, autline each and identify the ownership thereof (both as to working interest and rogoldy).</li> <li>If more than one lease of different ownership is dedicated to the well, have the interest of all the owners and tract descriptions which have actually been consolidated. (Use the reverse side of this form if neccessory). No allowable will be assigned to the well until all interests nave been consolidated (by communitization, incred-pooling, or otherwise) or until o non-standard unit, eliminating such interest, has been approved by the division.</li> </ul>	<ol> <li>Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plot below.</li> <li>If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to writing interest and royally).</li> <li>If more than one lease of different ownership is dedicated to the well, have the interest of all the owners been consolidated by communitization, unitization, unit factored by communitization, unit factored by communitization, unitization, or the cell colored by communitization, unitization, forced exceptions which have actually been consolidated. (Use the reverse side of this form if necessary) has allowable will be assigned to the well outli all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until o non-standard unit, eliminating such interest, has been approved by the division.</li> </ol>					2310	feet fi	rom the	LASI line
<ul> <li>If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royothy).</li> <li>If more than one lease of different ownership is dedicated to the well, have the interest of all the owners been consolidated by communitation, intraction, forced-poing, etc.?</li> <li>If the onswer is "no", list form if necessary).</li> <li>No dilowable will be assigned to the well until all interests have been consolidated (by communitation, unitation, forced-poing, such interest, has been approved by the division.</li> </ul>	<ul> <li>2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royally).</li> <li>3. If more than one lease of different ownership is dedicated to the well, have the interest of all the owners been consolidated by communitization, unitization, forced-pooling, etc.?</li> <li>No allowable will be assigned to the well until all interests have been consolidated. (Use the reverse side of this form if necessory) ho allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a num-standard unit, eliminating such interest, has been approved by the division.</li> </ul>	3634'	Graybur	g		a (Queen	-Graybur	g-S.A.)	40 Acre
2310- 20 20 20 20 20 20 20 20 20 20	2310- 2310- 20 2310- Printed Name Bonnie Husband Position Office Manager/Tech. Company Plains Petroleum Operat: Date 12-02-91 SURVEYOR CERTIFICATION I hereby certify that I well location shown on this p was plotted from field notes actual surveys made by me under nu eugervision, and th the eugervision and the eugervision and the eugervision and the the eugervision and the eugervision and the eugervision and the the eugervision and the euger	2. If main to w to w 3. If m been If th the No c unitia	ne the acreage ore than one le orking interest ore than one lea consolidated b Yes No rescale of allowable will be zation, forced-p	dedicated to the subj ase is dedicated to the and royalty). ase of different owner y communitization, un o If answer is "y o", list the owners and this form if neccesso assigned to the well aoling, or otherwise) o ision.	ect well by ne well, outli ship is dedic itization, for es", type o d tract desc iry.) until all int	colored p ne each c ated to th ced-poolir of consoli riptions w erests ha	encil or hai and identify ng etc.? idation hich have o ye been co	chure ma the owne re the intr actually b onsolidated ninating s OPE inform comy know	rks on the plat below. ership thereof (both as erest of all the owners een consolidated. (Use d (by communitization, such interest, has been <b>RATOR CERTIFICATION</b> I hereby certify that to mation herein is true a plete to the best of r dedge and belief.
Certificate No.	11398							Bonn: Positio Offic Compa Plain Date 12-02 SUR well I wos p octuo under the to to The sur the to to the to to the the the the to the the the the the the the the	ie Husband ce Manager/Tech. my ns Petroleum Operati 2-91 VEYOR CERTIFICATION I hereby certify that the focation shown on this play play the operation of the second correct of surveys made by me of the operation of the second correct of surveys made by me of the operation of the second correct of surveys made by me of the operation of the second correct of surveys made by me of the operation of the second correct of surveys made by me of the surveys made by me of the



## SS (Space Saver) DOUBLE BLOWOUT PREVENTER ENGINEERING DATA



Single Open Face Flanged U Blowout Preventer

Side Outlets to 4" size (7-1/16" on 26-3/4" preventers) can be provided beneath each set of rams, on either or both sides of U preventers. Side outlet flanges are open face and have the same pressure rating as the vertical run flanges. Valve removal preparations can be provided. To obtain a quotation, the number and size of outlets should be specified.

Flanges conform to API Standard 6A. Type 6BX flanges are standard for 10,000 psi, 15,000 psi, and 20,000 psi working pressures and for 5000 psi working pressures for 13-5/8" and larger bore preventers.

Although most preventers have open face flanges or Cameron clamp hubs, preventers with studded flanges can be furnished.

Sizes and Dimensions are in inches. The over-all length "A" given in the tables does not include the optional wedgelocks. No spacers between rams are included in the table of dimensions of double ram models. Preventers with spacers to clear tool joints can be obtained on special order. For information on preventers with spacers, or sizes not listed, consult your Cameron representative.

Hydraulic Control Connections to operate rams and bonnets are 1" NPT. There are two connections for each set of rams. Hydraulic ram lock connections are 1/2" NPT.

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Double Open Face Flanged U Biowout Preventer

## Engineering Data Designations. See Charts on Following Page

- A-1 Over-all length, bonnets closed, locking screws locked
- A-2 Over-all length, ram change, bonnets opened, locking screws unlocked
- B-1 Over-all height flanged
- B-2 As above, with Cameron clamp hubs
- C Over-all width without side outlets (max. width)
- D Centerline of preventer to outlet flange or hub face. Distance is variable.
- E-1 Centerline of side outlet (outlet below lower rams in double model) to bottom flange face
- E-2 As above, to bottom hub face
- F-1 Top of upper ram to top flange face
- F-2 As above, to top hub face
- G Ram height
- H-1 Centerline of side outlet between rams to bottom flange face
- H-2 As above, to bottom hub face
- J Top of lower ram to bottom of upper ram