ENERGY AND MINER	ALS DEPARTMEN	t 0.	CONS	ERVAT		ION	- -	Form C-000 Revised 10-1	-78 -78
DISTRIBUT SANTA FE	10N 7	S			E20 875	o li		SA. Indicate 7 STATE	Type of Luase
FILE U.S.G.3.				ß#S	tý 1987		·	.5. State Oil &	Gas Loano No.
OPERATOR	PLICATION FOR	R PERMIT T	O DRIL	, DEEPEN	OR PLUG B	ACK		7. Unit Agree	
la. Type of Work b. Type of Well	DRILL		DEEPE	и 🗌	and a second	PLUG		8. Farm or Le	
	GAS	OTHER			SINGLE XX	MUL	TIPLE	Walterso	cheid
2. Name of Operator Terra Res	ources, Inc.		915-	684-6	3861				1
3. Address of Operation	or	500 W.	M	Nidlan	1. Tx. 7	19705	τ γ	Uncl'	Pool, or Wildcat
4. Location of Well	UNIT LETTER	<u>K</u>	.0CATED <u></u>	2310	PEET FROM THE	South			
AND 2310	FEET FROM THE	West	LINE OF SEC	innin	тия. 22-S	ACE.	27-Енмрм	12. County	
								Eddy	i i i i i i i i i i i i i i i i i i i
					19. Frorosed De		9A. Formation	JIIII	20. Foury or C.T.
					3500		Cherry C	anyon	Rotary
I. Elevations (Show) GL=3072	whether DF, KT, etc KB=3080	.) 21A. Ki	noj & Sienus	Plug. Bond	21B. Drilling Co Artesia Fi		Tools		Date Work will start 17–87
23.			PROPOSE	D CASING A	ND CEMENT PRO	OGRAM			

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
10 ¹ / ₂	8-5/8	24	450	· 300	Surface
7-7/8	5^{1}_{5}	14	3500	525	Surface
	1.01				
		l ·	1	1	

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1) The $12\frac{1}{4}$ " hole will be drilled with fresh water and bentonite mud. 2) The 7-7/8" hole will be drilled with brine water & attapulgite mud.

APPROVAL VALID FOR	180	DAYS
PERMIT EXPIRES	10/81	[
UNLESS DRILLING L	NDERV	VAY

for maked A. 17. 6 4 8

(This space for State Use)	TITLE Grapper Gralogist	DATE Ququet 10, 1987
I hereby certify that the information above is true and complete Signed V.M. Skip" Coyner	TuleOperations Engineer	Date 8/4/87

N' MEXICO OIL CONSERVATION COMMISS WELL LOCATION AND ACREAGE DEDICATION PLAT

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Form C-102

TERRA RESOURCES, INC. Walterscheid Hull Green in the section Unit Letter Section Township Prove 27 County Eddy	Operator		All distances must i	be from the outer boundarie	es of the Section.		
K 10 22 27 Eddy All is a first second of Wells 2310 reat nom the F.S.L. ine and 2310 reat toom the F.W.L. ine 2010 Chertry Carryon Posit Esperanza Deducted Acresses 3U72.2.2 Chertry Carryon Esperanza Deducted Acresses Deducted Acresses 3U72.2.2 Chertry Carryon Esperanza Deducted Acresses Deducted Acresses 3U72.2.2 Chertry Carryon Esperanza Deducted Acresses Deducted Acresses 3U72.2.2 If more than one lease of different ownership is dedicated to the well, outline each and identify the ownership thereof (both as to wore interests of all owners been consolidated. (Use reverse sichis for foreowelownerses) or until a non-standerd unit, el				Walt	······	AUG 500 1987	
Used Forestie Location of Walls 2310 test from the F.S.L. line and 2310 test from the F.W.L. line numb Lyvi Elvi, Producing Forestion Pool Esperanza Deficiented Actempted 40 1. Outline the accessing dedicated to the subject well by colored pencil or hachure marks on the plat below. 1. Imme Deficiented Actempted 40 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to wor interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been condated by communitization, unitization, force-pooling, etc? Yes No If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse signature is "no," list the owners and tract descriptions which have actually been consolidated (by communitization, unitization, unitization, or otherwise) or until a line rest have been consolidated (by communitization, unitization, unitizati				-			
Condition of Particle Inter dial Description Peol Experimental Description 3072.2' Preperty Canyon Peol Experimental Description 40 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to wor interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been con dated by communitization, intread and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been con dated by communitization, unitization, force-pooling, etc? Yes No If answer is "no." list the owners and tract descriptions which have actually been consolidated. (Use reverse signification unitization, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Com sion. Centre If answer is "no." If were the information unitization,			FaSal	2210		and the second sec	
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to worinterest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been condated by communitization, unitization, force-pooling, etc? Yes No If answer is "yes," type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse sit this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, constrained or therwise) or until a non-standard unit, eliminating such interests, has been approved by the Comsion. CERTIFICATION I haraby certify that the information to inderesting of ablant. Name 23101 #1 I haraby certify that the information of the information of the information of the plat below. 23101 #1 I haraby certify that the information of the information of the information of the plat below. I haraby certify that the information of the information. CERTIFICATION I haraby certify that the information of the inform	ound Level Elev	v. Producing F	ormation	Pool		Dedicated Acreage:	
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to worinterest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been condated by communitization, unitization, force-pooling, etc? Yes No If answer is "yes," type of consolidation If answer is "no." list the owners and tract descriptions which have actually been consolidated. (Use reverse signification, unitization, unitizatio					·	Acr	
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse sidths form if necessary.)	 If more interest If more the second sec	than one lease i and royalty). han one lease of	s dedicated to the w different ownership i	ell, outline each and s dedicated to the we	identify the owner	ship thereof (both as to workin	
2310 ¹ #1 2310 ¹ #1 I hereby certify that the information tained berein is true and complete the best of my knowledge and belief. Name Operations Engineer Position Terra Resources, Inc. Company August 4, 1987 Date I hereby certify that the well local shown on this plat was plotted from notes of actual surveys mode by moder my supervision, and that the the is true and correct by the state the true is the surveyed shown end belief. Date Date Surveyed Operations Terra Resources, Inc. Company August 4, 1987 Date Date shown on this plat was plotted from notes of actual surveys mode by multiplicity is knowledge and belief. Date Surveyed Terra Resources by the state the true of correct by the state the true is true and correct by the state the true is true and correct by the state the state the true is true and correct by the state the state the true is true and correct by the state the state the true is true and correct by the state the	If answer this form No allows forced-po	is "no," list the if necessary.) able will be assig	owners and tract de ned to the well until	all interests have been	e actually been con	y communitization, unitization	
2310' #1 1 bench the state of the state			•	······································		CERTIFICATION	
2310 ¹ #1 2310 ¹ #1 Company August 4, 1987 Date 1 hereby certify that the well local shown on this plot was plotted from notes of actual surveys made by m under my supervision, and that the is true and correct to this best of knowledge and belief 7-21-87 Registered Professional, Engineer;				 	tai be:	Ship Carney	
I hereby certify that the well lace shown on this plat was plotted from notes of actual surveys made by m under my supervision, and that the is true and correct to the best of knowledge and belief. Date Surveyed T-21-87 N Registered Professional, Engineer					Comp	Terra Resources, Inc.	
N N Registered Professional Engineer	2	2310' 			sha nat und is	nernby certify that the well locatio own on this plat was plotted from fiel es of actual surveys made by me o ler my supervision, and that the sam true and correct to the best of m wiedge and belief.	
					Regia	7-21-87 Itered Professional Engineer	

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. Double Open Face Flanged U Blowout Preventer

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O. C. D.

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
- 8-2 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

U BLOWOUT PREVENTER ENGINEERING DATES 7- 1987

- 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

ARTESIA FISMING LOOL RIG #2