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S. 8. miles Northeast of Carlsbad, NM       Eddy       New Mexico         3. Distance FROM PROPERSE 660' Lsc. Line       16. NO. OF ACRES IN DEASE       17. NO. OF ACRES ASSERVED         Control of States Transmitter       10. NO. OF ACRES ASSERVED       40         ADD STATE FROM PROPERSE OF CONTROL       240       40         ADD STATE FROM PROPERSE OF CONTROL AND CONTROL OF THE WELL PROFERE       40         OBSTATE FROM PROFEND OF THE UNDERSED       20. BOTANE THE WELL CONTROL       40         OBSTATE FROM PROFEND CONTROL AND CONTROL OF THE STITE STATE WELL FOOLS       40         Northeast WELL CONTROL       0. BOTANE THE WELL CONTROL       20. BOTANE THE WELL CONTROL         OF AFLER TO WELL CONTROL       0. STATE FROM PROFEND OF THE STATE WELL FOOLS       40         3217 CR       3217 CR       3rd Quarter 1983         34       13.3/8"       54.5       600'       500 sx CIRCULATE         700 SX       11.0       25.00'       700 sx CIRCULATE       700 sx         7 7/8"       5 1/2"       14 + 15.5       5300'       700 sx       CIRCULATE         8 S/8"/Type II-C/2000 PSI       0.0       500'       500'       700 sx       0.0         8 S/8"/Type II-C/2000 PSI       0.0       0.0       0.0       0.0       0.0       0.0         8	4. DISTANCE IN MILES	5 AND DIRECTION FROM NEA	REST TOWN OR POST OF	FICE*		
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TO SKREET WELL, DRILLING, COMPLETED, or ATE BERGED, TO HELE TO \$1       5300'       Rotary         22. APPROX. DATE WORK WILL STAFT       3rd Quarter 1983         31.       PROPOSED CASING AND CEMENTING PROGRAM         SIZE OF HOLE         201'       94         40'       25 sx Redi Mix         26''       20''         17 1/2''       13 3/8''         18 5/8''       24         25 00'       700 sx CIRCULATE         11''       8 5/8''         24       2500'         7 7/8''       5 1/2''         14 + 15.5       5300'         8 5/8''/Type II-C/2000 PSI         8 5/8''/Type II-C/2000 PSI         8 5/8''/Type II-C/2000 PSI         8 5/8''/Type II-C/2000 PSI         8 shore space nescense processo processo: If proposal is to deepen of plug back, give data on present productive zone and proposed new productive zone and proposed new productive reverted application of an exerce data on subsurface locations and measured and true vertical deptas. Give blowout reverter program. If any.	(Also to nearest d	rlg. unit line, if any) 000 0POSED LOCATION*	<u> </u>		20. ROTA	
1. LEVATIONS (Show whether DF. RT. GR., etc.)       22. APPROX. DATK WORK WILL BTARY         3217 GR       3rd Quarter 1983         32.       PROPOSED CASING AND CEMENTING PROGRAM         SIZE OF HOLE         26"       20"         26"       20"         26"       213 3/8"         717 1/2"       13 3/8"         13 3/8"       54.5         600'       500 sx CIRCULATE         711"       8 5/8"         24       2500'         700 sx CIRCULATE         8 5/8"/Type II-C/2000 PSI         8 5/8"/Type II-C/2000 PSI         8 state space bescause processor processor if the proposal is to deepen or plug back, give data on present productive cone and proposed new productive cone and proposed new productive cone and proposed new productive remember program. If any.         4       Stroke Millor deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout remember program. If any.	TO NEAREST WELL	DRILLING, COMPLETED,			1_	
3rd Quarter 1983         ROPOSED CASING AND CEMENTING PROGRAM         SIZE OF NOLE       SIZE OF CASING       WEIGHT FER FOOT       SETTING DEPTH       QUARTIET OF CEMENT         26''       QUARTIET OF CEMENT         QUARTIET OF CASING       WEIGHT FER FOOT       SETTING DEPTH       QUARTIET OF CEMENT         26''       QUARTIET OF CEMENT         QUARTIET OF CASING       WEIGHT FER FOOT       SETTING DEPTH       QUARTIET OF CEMENT         26''       QUARTIET OF CEMENT         QUARTIET OF CASING         YEIGE OF ROCEAL STATE OF CASING         N ADVE SFACE DESCRIBE FROMESED FROMEALT : If proposal is to deepen or plug back, give data on present productive sone and proposed new productive reverter of additional depths. Give blowout reverter program. If any.         ATTIE Unit Head         DATE July 21, 1983						/
PROPOSED CASING AND CEMENTING PROGRAM         SIZE OF HOLE       SIZE OF CASING       WEIGHT PER POOT       SETTING DEPTH       QUANTITY OF CEMENT         26"       20"       94       40'       25 sx       Redi Mix         17       1/2"       13       3/8"       54.5       600'       500 sx       CIRCULATE         11"       8       5/8"       24       2500'       700 sx       CIRCULATE         7       7/8"       5       1/2"       14 + 15.5       5300'       700 sx       CIRCULATE         BOPS:       13       3/8"/Type II-C/2000 PSI       8       5/8"/Type II-C/2000 PSI       8       6       8       6       8       6       6       6       6       6       7       7       8       7       7       8       6       6       7       7       8       7       7       8       7       7       8       7       7       8       7       7       8       7       7       8       7       7       8       7       7       8       7       7       8       7       7       8       7       7       8       7       7       <	-					
SIZE OF HOLE       SIZE OF CASING       WEIGHT PER FOOT       SETTING DEPTH       QUANTITY OF CREENT         26''       20''       94       40'       25 sx Rcdi Mix         17 1/2''       13 3/8''       54.5       600'       500 sx CIRCULATE         11''       8 5/8''       24       2500'       700 sx CIRCULATE         7 7/8''       5 1/2''       14 + 15.5       5300'       700 sx         BOPS:       13 3/8''/Type II-C/2000 PSI       8 5/8''/Type II-C/2000 PSI       8 5/8''/Type II-C/2000 PSI         Naove space bescribe reprosed report directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout reventer program. if any.       Yes blowout the subsurface locations and measured and true vertical depths. Give blowout reventer program. if any.			BODOSED CASING	AND OF MENTING DROCH		
26"       20"       94       40'       25 sx Redi Mix         17 1/2"       13 3/8"       54.5       600'       500 sx CIRCULATE         11"       8 5/8"       24       2500'       700 sx CIRCULATE         7 7/8"       5 1/2"       14 + 15.5       5300'       700 sx       CIRCULATE         8 5/8"/Type II-C/2000 PSI       8 5/8"/Type II-C/2000 PSI       8 5/8"/Type II-C/2000 PSI       8 5/8"/Type II-C/2000 PSI         N ABOVE SPACE DESCRIBE PROFOSED PROFAM: If proposal is to deepen or plug back, give data os present productive zone and proposed new productive one. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout reventer program. If any.         *       316 NET Mathematical State of the state of		·	PROPOSED CASING	AND CEMENTING PROGR	AM	
17       1/2"       13       3/8"       54.5       600'       500 sx       CIRCULATE         11"       8       5/8"       24       2500'       700 sx       CIRCULATE         7       7/8"       5       1/2"       14 + 15.5       5300'       700 sx       CIRCULATE         BOPS:       13       3/8"/Type II-C/2000 PSI       8       5/8"/Type II-C/2000 PSI       8       700 sx       CIRCULATE         N ABOVE SPACE DESCRIBE PROFOSED FROGRAM:       If proposal is to deepen or plug back, give data on present productive zone and proposed new productive one.       If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths.       Give blowout reventer program, it any.         *       33GNEN Mellow Knippling       TITLE Unit Head       pare_July 21, 1983						
11"       8 5/8"       24       2500'       700 sx       CIRCULATE         7 7/8"       5 1/2"       14 + 15.5       5300'       700 sx       CIRCULATE         BOPS:       13 3/8"/Type II-C/2000 PSI       8 5/8"/Type II-C/2000 PSI       Image: Comparison of the second process of the second procesecond proces of the second process of the second proc						··· - ··· · ··· · ··· · · ··· · · · · ·
7 7/8"       5 1/2"       14 + 15.5       5300'       700 sx       File         BOPS:       13 3/8"/Type II-C/2000 PSI       II-C/2000 PSI       II-C/2000 PSI       II-C/2000 PSI         S 5/8"/Type II-C/2000 PSI       II-C/2000 PSI       II-C/2000 PSI       II-C/2000 PSI       II-C/2000 PSI         S ABOVE SPACE DESCRIBE PROPOSED PROGRAM:       If proposal is to deepen or plug back, give data on present productive sone and proposed new productive cone.       If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths.       Give blowout reventer program. It any.         4       SIGNED       MetWork Principling       TITLE Unit Head       DATE July 21, 1983						
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(This space for Federal or State office use)	toreventer program, if a	o drill or deepen direction:	ally, give pertinent da	ta on subsurface locations a		ed and true vertical depths. Give blowont
A FRAM MARKA FAR FULLIAR VE NUCLA AND A MARKA AND A	(This space for E	deral or State office use)	-1			
	PERMIT NO.			APPROVAL DATE		

APPROVED BY 111 DATE 8/30/87

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

## Instructions

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General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well. Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, show-ing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices. Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone. Items 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. COVERNMENT PRINTING OFFICE : 1981 0 - 345-739

erai Lse. No	Al	l distances must be	from the outer b	oundaries of the	Section.		
Exxon Cor			RUPTAN	FLATE	ENEDNI	11/1	Well No. 2
	ection Town	nship	Bange		unty		
G	35	205		28E	EDI	Y	
ctual Footage Locati	feet from the $MDR7$	H line and	/9/	30 f <del>oot</del> fro	m the E	4 <i>5T</i>	line
round Level Elev:	Producing Formation	L	Pool			Dedica	ted Acreage:
3217	DELAWA			<u>/ILD_CA</u>			<u>40 Acre</u>
1. Outline the	acreage dedicated t	to the subject w	veil by colore	d pencil or ha	achure marks	on the plat	below.
interest and 3. If more than	one lease of different munitization, unitiz	nt ownership is	dedicated to ling. etc?	the well, hav	e the interes	sts of all ov	
If answer is this form if n No allowable	"no," list the owner necessary.) will be assigned to ag, or otherwise) or un	rs and tract des the well until a	criptions which	ch have actua	lly been con solidated (by	solidated. ( communiti	zation, unitization
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			G			UNIT	Corporation
		#	G -	19801		UNIT UNIT Domy Exxon 1600 Midla	Corporation nd, Texas
			G	19801	H H Posi Box	UNIT UNIT Domy Exxon 1600 Midla	Corporation
			G	1980/	H Posi Box Date	HUNIT UNIT DOTY EXXON 1600 Midla (D-0)	Corporation nd, Texas 28-23 That the well location was platted from tiel
			G	19801	H H Posi Com Box Date	tion UNIT Dany Exxon 1600 Midla (0 - 0 hereby certify, own on this b( tes of octual tes of octual true and com owledge and be	Corporation nd, Texas 28-25 That the well location twas platted from fiel sions and that the same sions and that the same ect to the best of m
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				1980'	H H Posi Com Box Date I sh ro um is km Date Regi	tion UNIT Dany Exxon L600 Midla (0 - 0 hereby certify, own on this bla tes of octual a der my supervisi true and com owledge and be	Corporation nd, Texas 28-85 Attat the well location was plotted from field was plotted from

## BLOWOUT PREVENTER SPECIFICATION EQUIPMENT DESCRIPTION

## TYPE II-C

All equipment should be at least \_\_\_\_\_\_\_ psi WP or higher unless otherwise specified.

- 1. Bell nipple.
- 2. Hydril or Shaffer bag type preventer.
- 3. Ram type pressure operated blowout preventer with blind rams.
- 4. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
- 5. 2-inch (minimum) flanged plug or gate valve.
- 6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
- 7. 4-inch pressure operated gate valve.
- 8. 4-inch flanged gate or plug valve.
- 9. Ram type pressure operated blowout preventer with pipe rams.
- 10. Flanged type casing head with one side outlet (furnished by Exxon).
- 11. 2-inch threaded (or flanged) plug or gate valve (furnished by Exxon). Flanged on 5000# WP, threaded on 3000# WP or less.
- 12. Needle valve (furnished by Exxon).
- 13. 2-inch nipple (furnished by Exxon).
- 14. Tapped bull plug (furnished by Exxon).
- 15. 4-inch flanged spacer spool.
- 16. 4-inch by 2-inch by 2-inch by 2-inch flanged cross.
- 17. 2-inch flanged plug or gate valve.
- 18. 2-inch flanged adjustable choke.
- 19. 2-inch threaded flange.
- 20. 2-inch XXH nipple.
- 21. 2-inch forged steel 90° E11.
- 22. Cameron (or equal.) threaded pressure gage.
- 23. Threaded flange.
- 35. 2-inch flanged tee.
- 36. 3-inch (minimum) hose. (Furnished by Exxon).
- 37. Trip tank. (Furnished by Exxon).
- 2-inch flanged plug or gate valve. 38.
- 39. 2-1/2-inch pipe, 300' to pit, anchored.
- 40. 2-1/2-inch SE valve.
- 41. 2-1/2-inch line to steel pit or separator.

## NOTES:

- 1. Items 3, 4 and 9 may be replaced with double ram type preventer with side outlets between the rams.
- 2. The two valves next to the stack on the fill and kill line to be closed unless drill string is being pulled.
- 3. Kill line is for emergency use only. This connection shall not be used for filling.
- 4. Replacement pipe rams and blind rams shall be on location at all times.
- 5. Only type U, LWS and QRC ram type preventers with secondary seals are acceptable for 5000 psi WP and higher BOP stacks.
- 6. Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi or lower WP BOP stacks.



MIDLAND DRILLING ORGANIZATION BLOWOUT PREVENTER SPECIFICATION TYPE II - C

10 POINT PLAN BURTON FLAT FEDERAL C-2 Section 35, 20 S,28E Eddy County, New Mexico June 21, 1983

- 1. The geologic name of the surface formation: Recent
- 2. The estimated tops of important geologic markers:

Delaware Mt.	Grp.	:	2500'
Bone Spring		:	4900'

3. The estimated depths at which anticipated water, oil, gas, or other mineral bearing formations are expected to occur:

Deepest FW	:	50 <b>0'</b>
Oil Bone Spring	:	4900'

4. Proposed casing program:

STRING	SIZE	WEIGHT/GRADE	CONDITION	DEPTH INTERVAL
Conductor	20"	94#/H-40	New	0- 40'
Surface	13-3/8"	54.5#/K-55	New	0- 600'
Intermediate	8-5/8"	24#/K-55	New	0-2500'
Production	5-1/2"	14# & 15.5#/K-55	New	0-5300'

5. Minimum specifications for pressure control equipment:

Α.	Wellhead	equipment	-	Threaded type,	2000	psi	WP	for 13-	3/8"	x 8-	-5/8"	Х	5-1/2"
				casing program	with	2-7/	/8"	tubing	han	ger.			

- B. Blowout preventers Refer to attached drawings and lists of equipment titled "Type II-C" for description of BOP stacks and choke manifold.
- C. BOP control unit Unit will be hydraulically operated and have at least two control stations.
- D. Testing -Upon installation, the Type II-C BOP's for the 13-3/8" surface casing and the 8-5/8" intermediate casing will be tested to a low pressure (200-300 psi) and to a high pressure of 2000 psi. Casing rams will be tested in a like manner. An operational test of the blowout preventers will be performed on each round trip, (but not more than once each day); the annular and pipe rams preventers will be closed on drill pipe and the blind rams will be closed while pipe is out of the hole.



