Artesia, SHBMIT IN ICATE*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES

DEPARTMENT OF THE INTERIOR				5. LEASE DESIGNATION AND SERIAL NO.
		GICAL SURVEY		NM-01119
APPLICATION	N FOR PERMIT	TO DRILL, DEEP	EN, OR PLUG E	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1a. TYPE OF WORK DR b. TYPE OF WELL	ILL 🗓	DEEPEN	PLUG BA	7. UNIT AGREEMENT NAME
OIL G	AS OTHER		INGLE MULTII	S. FARM OR LEASE NAME
2. NAME OF OPERATOR EXXON COPPO				Yates Federal C Fadurat 9. WELL NO.
3. ADDRESS OF OPERATOR				33
	00, Midland TX	79702		10. FIELD AND FOOL, OR WILDCAT Undesig. Avglon- Wilde
At surface	Report location clearly and $660'$ FWL of Se	d in accordance with any		Delaware 11. sec., t., b., m., oe blk.
At proposed prod. 201	. 1	ec l'on	\mathcal{V}_{i}	Sec. 5, T21S-R27E
		REST TOWN OR POST OFFIC	· · ·	12. COUNTY OR PARISH 13. STATE
6.4 miles N	North of Carlsb	ad NM		Eddy NM
LOCATION TO NEARES	USED* 660' from		O. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
(Also to nearest drl	LINE, FT. 433 fri g. unit line, if any	n. dig. line 2	2261.75	30.18
18. DISTANCE FROM PROP TO NEAREST WELL, I	orilling, completed, 10.	32' North of 19. "	ROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
OR APPLIED FOR, ON TE		#20 I	5300'	Rotary 22. APPROX. DATE WORK WILL START*
•	ether Dr. K1, GK, ex)			3rd Quarter 1983
3260' GR		DESCRIPTION OF THE PROPERTY OF	D GENERALITY DROOM	
		PROPOSED CASING AN	D CEMENTING PROGR	AM
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	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 tie into intermediate casing
8 IN ABOVE SPACE DESCRIB		72000 PS REG		POSWEEL PRODUCTIVE ZONE and proposed new productive
zone. If proposal is to preventer program, if an 24.	-	ally, give pertinent data	on subsurface locations a	nd measured and true vertical depths. Give blowout
SIGNED Mel	ba Trupk	ing TITLE UI	nit Head	DATE 7-14-83
(This space for Federal	eral or State office use)	U		
PERMIT NO.	14/		APPROVAL DATE	- / /
APPROVED BY	Hone	TITLE		DATE 9/12/83
CARDITIONS OF APPRO	ram, is and . *		ΔΡΙ	PROVAL SUBJECT TO

GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

Exton Corporation Section Secti	late Lse. No.	WELL DOCATION A	ND ACREAGE DEDICAT	TIC" PLAT	Eliective 1-1-65
Excon Corporation Note that the company processes are seen approached by the control processes and the plat below. 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 working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated 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 netually been consolidated. (Use reverse side of this form if necessary). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, climinating such interests, has been approved by the Communication. 2. If more than one lease of different owners and tract descriptions which have netually been consolidated. (Use reverse side of this form if necessary). No allowable will be assigned to the well until all interests have been consolidated (by communication, unitization, incommunication) or until a non-standard unit, climinating such interests, has been approved by the Communication. Communication to the more statement of the second	oderal Lse. No.	All distances must be		e Section. UNL	
Section Sect	Operator Exxon Corporation		Lease YATES	"C" FEDERA	
The second formula Location all Wells 100		Township	Flange C	County	
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Decidence Permitten Pool Decidence Permitten Decidence		メハクブロ	660 (met f	mm the WEST	line
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6.4 Miles NORTH CARLSBAD New Mexico C.E. Sec. File No.W-A-00.			00 1500 1000 500		114A-2005 E

tate Lee. No.		IL CONSERVATION (AND ACREAGE DED		•	Form C-102 Supersedes C-1 Effective 1-1-65
ederal Lse. No.	All distances must b	e from the outer boundarie	s of the Section.		·
Op erator Exxon Corporatio	n ·	Lease YATE	S FEDER	RAL €	Well No. 33
Juit Letter JOT 4 Section 5	Township 2/5	Range	County	EDDY	
Actual Footage Location of Well 7095 feet from	COUTI	nd 660	teet from the W	EST	line
Ground Level Elev: Prod	ucing Formation DELAWARE	DNDESIG	AVALO	". Dedi	Cated Acreage:
1. Outline the acreage	dedicated to the subject		-		1
dated by communitiz Yes No If answer is "no;" lithis form if necessar	se of different ownership i ation, unitization, force-pool If answer is "yes," type ist the owners and tract de	oling. etc? of consolidation	e actually been o	consolidated.	(Use reverse side of
forced-pooling, or oth	erwise) or until a non-stand	ard unit, eliminating	such interests, h		oved by the Commis-
660' ₉ #33	EXXON	1		tained herein Is	that the information con- true and complete to the rledge and belief.
		·) Po Cd Bo	ompony Exxo	HEAD Corporation land, Texas
7095'		 		shown on this a notes of action under my supperv	y they well location for was plotted from field supreys, mode, by me or son, and they be sage rece to the best of my

2000

1000

Date Surveyed 7-1-83

Certificate No.

Registered Professional Engineer and/or Land Surveyor

10 POINT PLAN YATES FEDERAL C-33 Section 5 , 21S,27E 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

: 500'

0il

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	5 New	0-5300'

- 5. Minimum specifications for pressure control equipment:
 - A. Wellhead equipment Threaded type, 2000 psi WP for 13-3/8" x 8-5/8" x 5-1/2" casing program with 2-7/8" tubing hanger.
 - 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.

BLOWOUT PREVENTER SPECIFICATION EQUIPMENT DESCRIPTION

TYPE II-C

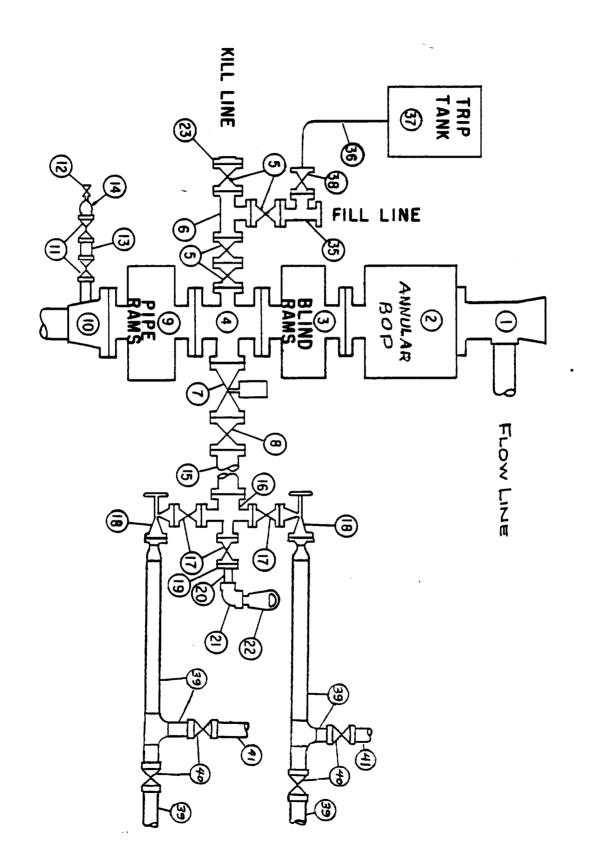
All equipment should be at least 2000 psi WP or higher unless otherwise specified.

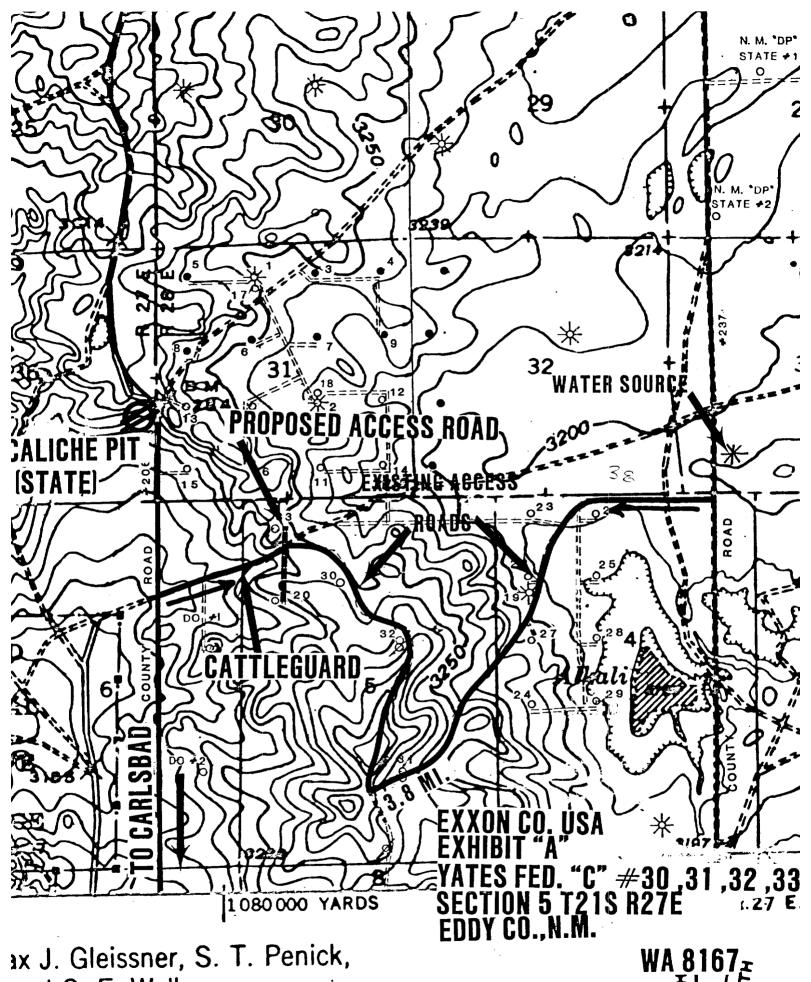
- 1. Bell nipple.
- 2. Hydril or Shaffer bag type preventer.
- 3. Ram type pressure operated blowout preventer with blind rams.
- 4. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
- 5. 2-inch (minimum) flanged plug or gate valve.
- 6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
- 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° Ell.
- 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).
- 38. 2-inch flanged plug or gate valve.
- 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





and C. E. Walker

WA 8167

