

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Perry R. Bass

3. ADDRESS OF OPERATOR

P O Box 2760 Midland TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1980' FWL & 660' FSL, Sec. 33, T21S, R28E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

8 miles N E of Carlsbad N M

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any.)

660'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

12,600'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3147.2 GL

22. APPROX. DATE WORK WILL START*

Upon approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	11 3/4"	42	300	300
11"	8 5/8"	24 & 28	2500	1000
7 7/8"	5 1/2"	15.5 & 17	12600	900

DRILLING PROCEDURE, BOPE DIAGRAMS, FORMATION TOPS AND SURFACE USE PLANS ARE ATTACHED.

GAS IS DEDICATED

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. 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.

24.

SIGNED

Henry C. Schubert

TITLE

Senior Dlg. Eng.

DATE December 14, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

11-11-11

11-11-11 Morrow

Wildcat

320

RECEIVED

JAN 16 1980

O. C. D.
ARTESIA, OFFICE

XX Yes No If answer is "Yes" type in "Yes" or "No" Unit

If answer is "No" list the reasons and make descriptions of the reasons (if necessary) _____

If answer is "Yes" list the reasons and make descriptions of the reasons (if necessary) _____
If answer is "Yes" list the reasons and make descriptions of the reasons (if necessary) _____
If answer is "Yes" list the reasons and make descriptions of the reasons (if necessary) _____

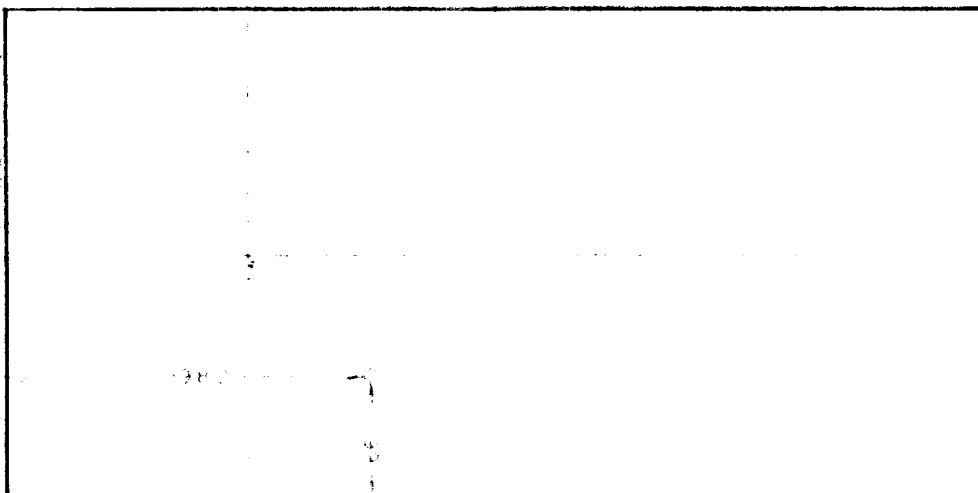
Gary A. Gerhard

Gary Gerhard

Senior Drilling Engineer

Bass Enterprises Prod. Co.

12/14/79





United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Drawer U
Artesia, New Mexico 88210

RECEIVED

JAN 16 1980

G. E. G.
ADMINISTRATIVE

January 14, 1980

Perry R. Bass
P. O. Box 2760
Midland, Texas 79702

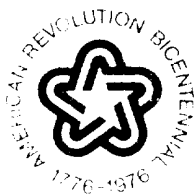
Gentlemen:

PERRY R. BASS
Big Eddy Unit No. 64
660 FSL 1980 FWL Sec. 33 T.21S R.28E
Eddy County Lease No. LC 070061

Above Data Required on Well Sign

Your APPLICATION FOR PERMIT TO DRILL the above-described well to a depth of 12,600 feet to test the Morrow is hereby approved subject to compliance with the OIL AND GAS OPERATING REGULATIONS (30 CFR 221) and the following conditions:

1. Drilling operations authorized are subject to compliance with the attached General Requirements for Oil and Gas Operations on Federal Leases, dated July 1, 1978.
2. Prior to commencing construction of road, pad, or other associated developments, operator will provide the dirt contractor with a copy of the Surface Use Plan and these Conditions of Approval including the attached General Requirements.
3. Submit a Daily Report of Operations from spud date until the well is completed and the Well Completion Report (form 9-330) is filed. The report should not be less than 8" x 5" in size and each page should identify the well.
4. All permanent above-ground structures and equipment shall be painted in accordance with the attached Painting Guidelines. The color used should simulate Sandstone Brown (Federal Standard No. 595A, color 20318 or 30318).
5. Before drilling below the 8-5/8" casing, the blowout preventer assembly will consist of a minimum of one annular type and two ram type preventers.
6. A kelly cock will be installed and maintained in operable condition.



7. After setting the 8-5/8" casing string and before drilling into the Wolfcamp formation, the blowout preventers and related control equipment shall be pressure tested to rated working pressures by an independent service company. Any equipment failing to test satisfactorily shall be repaired or replaced. This office should be notified in sufficient time for a representative to witness the tests and shall be furnished a copy of the pressure test report.
8. Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be installed and operating before drilling into the Wolfcamp formation and used until production casing is run and cemented. Monitoring equipment shall consist of the following:
 - (1) A recording pit level indicator to determine pit volume gains and losses.
 - (2) A mud volume measuring device for accurately determining mud volume necessary to fill the hole on trips.
 - (3) A flow sensor on the flow-line to warn of any abnormal mud returns from the well.
9. Notify the Survey in sufficient time to witness the cementing of the 11-3/4" and 8-5/8" casing.
10. Cement behind the 11-3/4" casing must be circulated.
11. Please have anyone contacting the Survey in regard to this well to identify the well with all of the information required above for the well sign.

Sincerely yours,

George H. Stewart
Acting District Engineer

DRILLING PROCEDUREBIG EDDY UNIT #64

Location: 660' FSL & 1980' FWL, Sec. 33, T21S, R28E, Eddy County, New Mexico.

Conductor Casing: 40' of 16" conductor casing will be set with a rathole machine and cemented with ready-mix.

Surface Hole: A 15" OH will then be drilled to 300'+ (top of the salt). The drilling fluid will be fresh water spud mud, vis. 28-32 weight, 8.4-8.6 ppg. 11 3/4", 42#/ft, H-40, ST&C casing will be run to TD and cemented with 300 sx. Class "C" + 2% CaCl₂. Cement will be circulated to the surface.

Nippling up procedures-11 3/4" csg. A minimum of 8 hours WOC time will be observed. A set of 10" x 3000# dual hydraulic BOPs will be installed on a 11 3/4" SW x 12" 3000# casing head. The casing head, 11 3/4" casing and BOP stack will be tested to 1000 psi with the mud pump.

Intermediate Hole: A 11" OH will be drilled to 2500' (50' into Lamar Lime-T/Lamar @ 2450'). The drilling fluid will be a 10 ppg brine system with paper added as needed for lost circulation control. A 8 5/8" combination casing string will then be run to TD and cemented with 800 sx Halliburton Lite (1.54 ft³/sx, 13.6#/gal) followed with 200 sx Class "C" + 2% CaCl₂. Cement will be circulated to the surface.

Nippling up Procedures-8 5/8" Casing: A minimum of 12 hours WOC time will be observed. A set of 10" x 5000# dual hydraulic BOPs with Hydril as per BEPCO IV (attached) will be installed on a 12" 3000# x 10" 5000# casing spool. The casing spool, 8 5/8" casing, BOP stack and choke manifold will then be hydrostatically tested by "Yellow Jacket" or similar to 5000 psi. (Hydril 1500 psi) The USGS will be notified in sufficient time to witness the testing of the 8 5/8" BOP stack. A copy of the test results will be furnished the USGS and the results will be recorded in the daily driller's log.

Production Hole: A 7 7/8" OH will then be drilled to TD (TD-12,600' approximately) the drilling fluid will be FW 8.4 ppg, 28 vis. to 9350' (T/Wolfcamp) from 9350' to 11,100' (T/Atoka) 10 ppg brine water will be used. At 11,100' the brine system will be mudded up with Drispac, XC-polymer and barite to 11.0 ppg. This fluid will be maintained to TD.

A PVT recorder, flow show sensor and rotating head will be installed at 9350' (Top/Wolfcamp).

5 1/2" casing will be run to TD. This casing string will be cemented with approximately 200 sx Haliburton Lite followed with 800 sx Class "H" & .6% Halad 22 + 5#/KCL per sack. The cement volume should be sufficient to bring the cement top 1000' above the Wolfcamp.

Time: Anticipated starting date is February 1, 1980. This well is expected to take approximately 55 days from spud to TD.


Gary E. Gerhard 12/14/79

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

BIG EDDY UNIT # 64

1980' FWL, 660' FSL

Sec. 33, T 21 S, R 28 E

Eddy County, New Mexico

This plan is submitted with the Application for Permit to Drill the above described well. The purpose of the plan is to describe the location of the proposed well, the proposed construction, activities, and operations plan, the magnitude of necessary surface disturbance involved, and the procedures to rehabilitate the surface after completion of operations so that an appraisal can be made on environmental effects.

1. Existing roads including location of exit from main highway Exhibit "A" is a map showing existing road. This road is obtained by travelling approximately $2\frac{1}{2}$ miles NE of Carlsbad and turning right at the Sheriff's Posse Roping Arena. The existing road to the planned location is approximately $5\frac{1}{2}$ miles down this road.

2. Planned access road (Width, maximum grade, turnout, drainage design, location & size of culverts & surfacing material, where fences will be cut, & where gates or cattleguard will be used.) Exhibit "A" is a drawing of existing roads. The planned access road will be 12' wide by approximately 100' long.

It will be constructed of watered and compacted caliche. There are no turnouts, gates, cattleguards or culverts anticipated.

3. Location of existing wells Exhibit "A" shows existing surrounding wells.

4. Location of tank battery and flow lines If a commercial well is obtained, production facilities will be located on the well pad. Refer to Exhibit "B".

5. Location and type of water supply Fresh water will be hauled from the city of Carlsbad. Brine water will be hauled from Champion Brine Sales 3½ miles east and 2½ miles south of Carlsbad.

6. Source of construction material Exhibit "A" shows approximate location of caliche pit.

7. Methods of handling waste disposal:

- A. Drill cuttings will be disposed of in the drilling pits.
- B. Drilling fluids will be allowed to evaporate in the drilling pits until pits are dry.
- C. Water produced during tests will be disposed of in the drilling pits. Oil produced during tests will be stored in test tanks until sold.
- D. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- E. Trash, paper, garbage, and junk will be buried in a separate trash pit and covered with a minimum of 24 inches of dirt. All waste materials will be contained to prevent scattering by the wind. Location of trash pit is shown in Exhibit "B".
- F. Trash and debris will be buried or removed from the well site within 30 days after finishing drilling and/or completion operations. (Note: All trash left on well site to be removed or buried within 30 days must be contained to prevent scattering.)

8. Ancillary facilities none required.

9. Well site layout Exhibit "B" shows the approximate dimensions of the well pad and reserve pit as well as the relative location of major rig components. Only minor leveling of the well site will be required. The reserve pit will be lined with plastic. The pit and pad area have been staked and flagged.

10. Plans for restoration of surface:

- A. Producing well - all pits will be cut, filled, and leveled as soon as practical to original conditions with rehabilitation to commence following removal of drilling and completion equipment.
- B. Dry hole - same as above with dry hole marker to be installed and surface reseeded if required. At the time of final abandonment, both USGS and BLM restoration stipulations will be complied with.

11. Other information:

- A. Terrain Relatively flat
- B. Soil Sandy
- C. Vegetation Sparse, mesquite with very little grass
- D. Surface use Grazing
- E. Surface water None
- F. Water wells There is a windmill approximately 1½ miles South of location.
- G. Residences and buildings None
- H. Surface ownership The well site and road are on Federal land
- I. Well signs posted at each drilling site.
- J. Open pits - all pits containing liquid or mud will be fenced.
- K. Archaeological resources none observed.

12. Operator's representative
(Field personnel responsible for compliance with development plan for surface use)

DRILLING
Mike Cure
Box 2760
Midland, Texas 79702
915-684-5723

PRODUCTION
Al Gallas
Box 1043
Kermit, Texas 79745
915-563-0656
(or) Mike Cure
Box 2760
Midland, Texas 79702
915-684-5723

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Bass Enterprises Production Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

12/14/79
(Date)

Al Gallas
(Name)
SENIOR DRILLING ENGINEER
(Title)

CEB:gp

FORMATION TOPS

T/Salt	300'
B/Salt	2,000'
T/Delaware Group	2,450'
T/Delaware Sand	2,550'
T/Indian Draw	3,300'
T/Bone Spring	5,800'
T/Wolfcamp	9,350'
T/Strawn	10,550'
T/Atoka	11,100'
T/Atoka Sand	11,200'
T/Middle Morrow	11,750'
T/Lower Morrow	12,000'

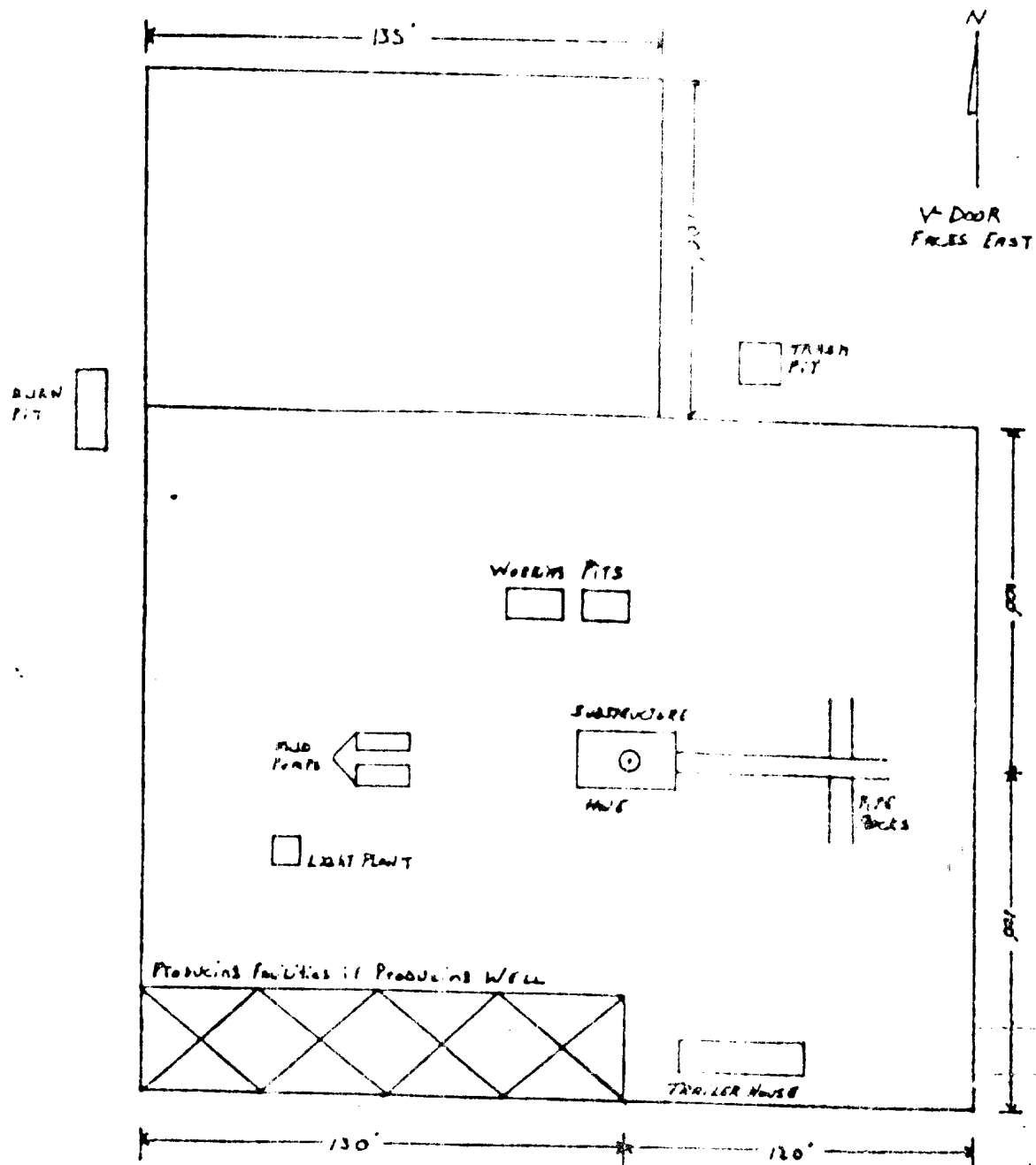
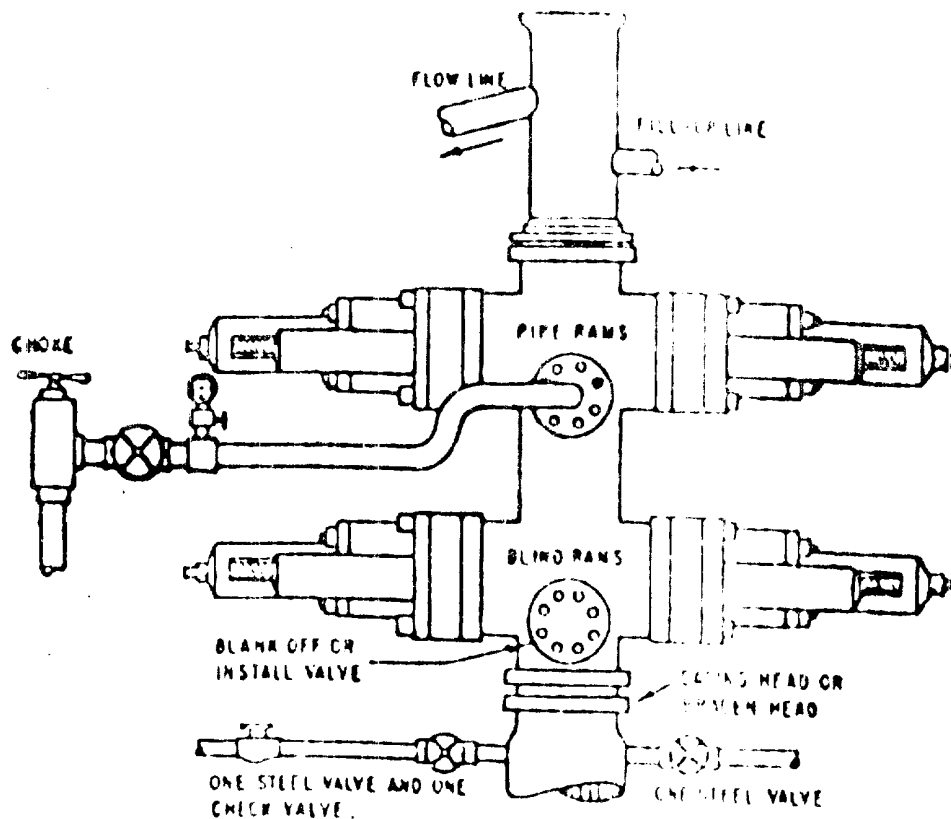


EXHIBIT B



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- A. ONE DOUBLE GATE BLOWOUT PREVENTER WITH LOWER RAMS BLIND AND UPPER RAMS FOR PIPE, ALL HYDRAULICALLY CONTROLLED. OPENING OR PREVENTERS BETWEEN RAMS.
- B. OPENING TO BE FLANGED, STUDDED OR CLAMPED AND AT LEAST TWO INCHES DIAMETER.
- C. ALL CONNECTIONS FROM OPERATING MANIFOLD TO PREVENTERS TO BE ALL STEEL HOSE OR TUBE A MINIMUM OF ONE INCH IN DIAMETER.
- D. THE AVAILABLE CLOSING PRESSURE SHALL BE AT LEAST 15% IN EXCESS OF THAT REQUIRED WITH SUFFICIENT VOLUME TO OPERATE THE PREVENTERS.
- E. ALL CONNECTIONS TO AND FROM PREVENTERS TO HAVE A PRESSURE RATING EQUIVALENT TO THAT OF THE B.O.P.'s.
- F. MANUAL CONTROLS TO BE INSTALLED BEFORE DRILLING CEMENT PLUG.
- G. VALVE TO CONTROL FLOW THROUGH DRILL PIPE TO BE LOCATED ON RIG FLOOR.
- H. CHOKE MAY BE EITHER POSITIVE OR ADJUSTABLE. choke spool may be used between rams.

REPCO II

ONE HYDRAULIC DUAL BLOWOUT PREVENTER

ALTERNATE FLUID FOR OTHER HANDLED
WELL FLUIDS TO BE PLACED
ON THE LINE

ON THE HANDLED TO HAVE AT
LEAST ONE VALVE TO CONTROL
FLOW FROM WELL TO 4" VALVE TO
CONTROL A PORTION OF THE 4"
ON THE LINE REMOTELY FROM
WELL HEAD, A MASTER VALVE
SHOULD BE INSTALLED AT THE RE-
LOCATION ONE CHECK IS TO BE AD-
JUSTABLE THE OTHER MAY BE EITHER
ADJUSTABLE OR POSITIVE.



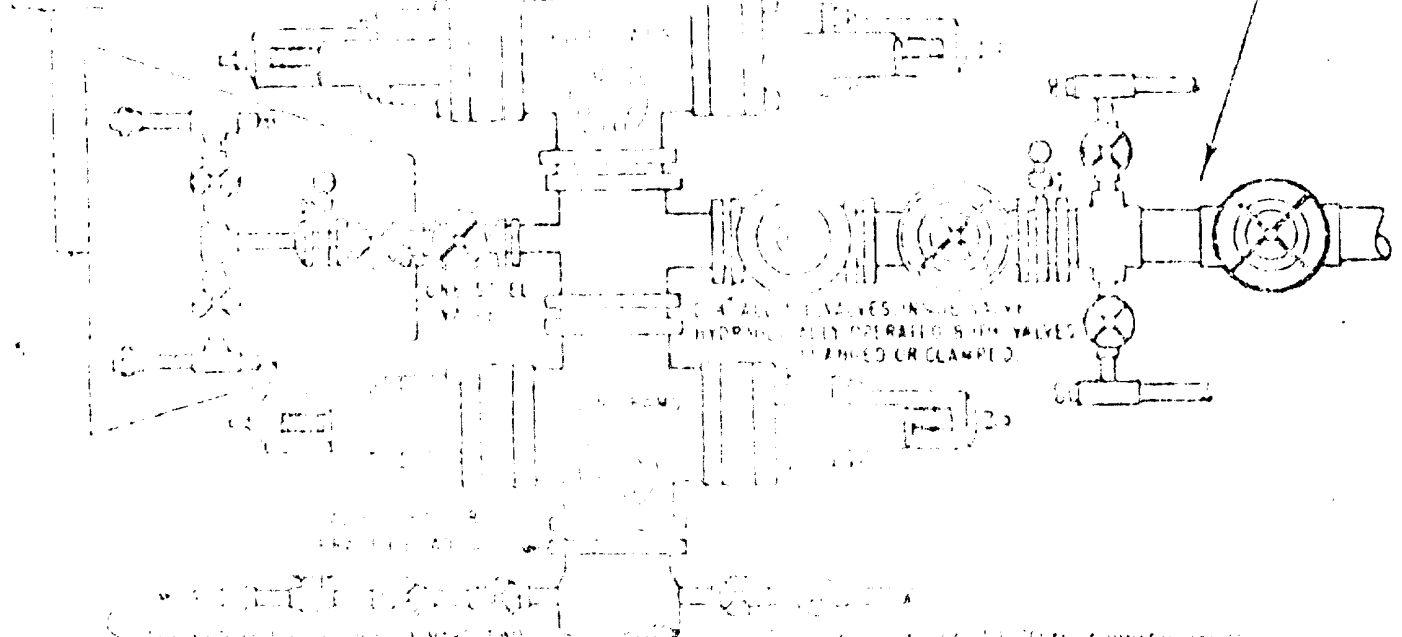
THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

1. THE BLOWOUT PREVENTER SHALL BE AN ANNULAR TYPE, BLOWOUT PREVENTER OR ANOTHER TYPE, SHOULD NOT BE ANY OTHER TYPE.
2. THE BLOWOUT PREVENTER SHALL BE LOCATED BELOW THE TUBING, THE LOWER UNIT CONTAINING BLIND RINGS AND THE UPPER UNIT CONTAINING PIPE RINGS.
3. THE BLOWOUT PREVENTER SHALL BE THE SECT. WITH BLIND RINGS ON BOTTOM AND PIPE RINGS ON TOP.
4. THE BLOWOUT PREVENTER SHALL BE TESTED, STUNNED OR CLAMPED.
5. THE BLOWOUT PREVENTER SHALL BE TESTED TO BE AT LEAST ONE INCH IN DIAMETER, THE BLOWOUT PREVENTER SHALL BE TESTED TO BE AT LEAST ONE INCH IN DIAMETER, THE BLOWOUT PREVENTER SHALL BE TESTED TO BE AT LEAST ONE INCH IN DIAMETER.
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WELL BLOWOUT PREVENTER

2. TO HAVE EITHER A HYDRAULICALLY OPERATED OR A POSITIVE VALVE TO BE PLANNED OR CLAMPED

IN ORDER TO HAVE AT LEAST ONE VALVE TO CONTROL THE FLOW OF THE 4" PIPE. A VALVE REMOTELY FROM THE OTHER BASTER VALVE SHOULD BE INSTALLED AT THE RELOCATION ONE CASE IS TO BE ADJUSTABLE, THE OTHER MAY BE EITHER ADJUSTABLE OR POSITIVE.



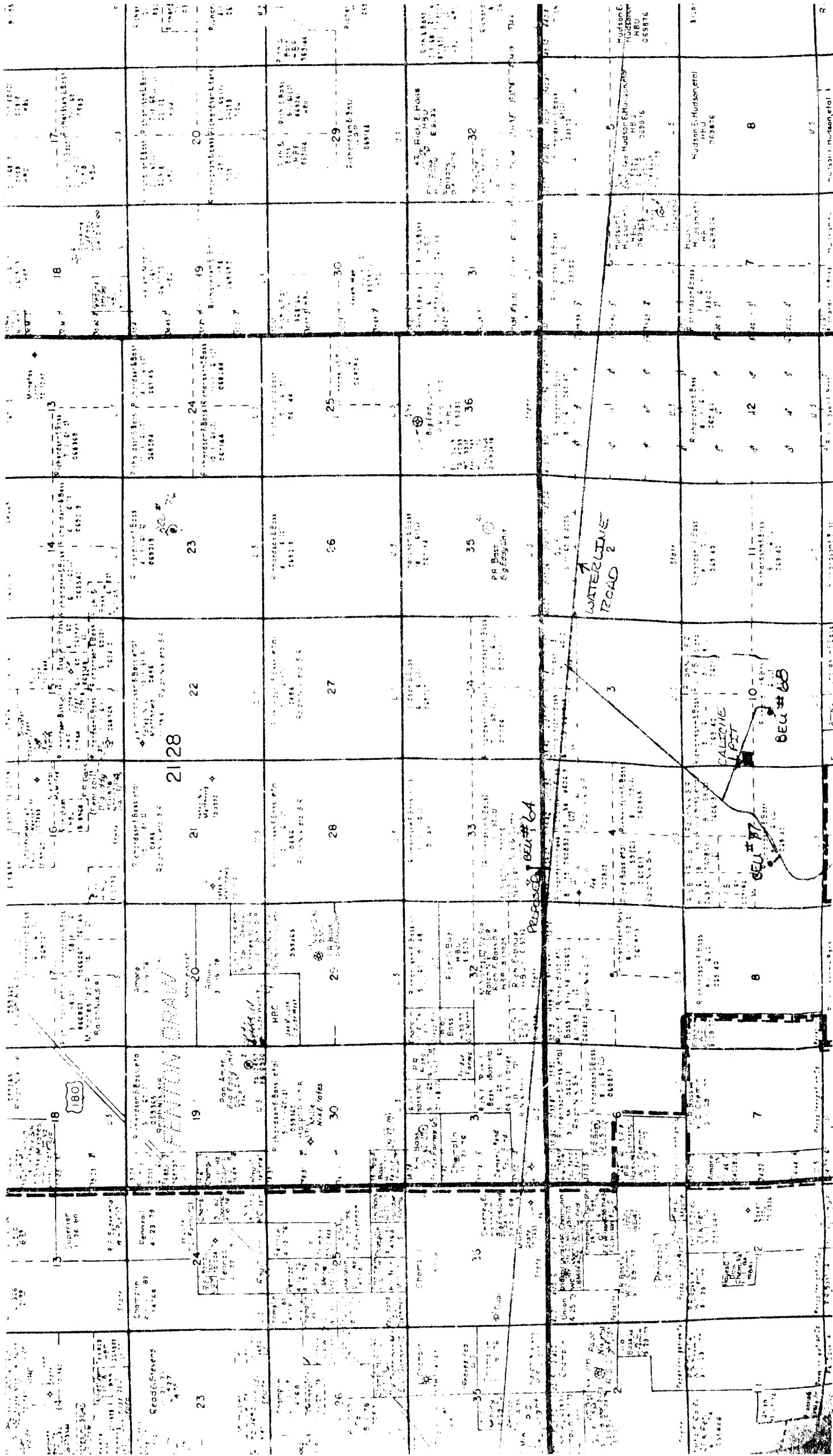
3. TO HAVE EITHER A HYDRAULICALLY OPERATED OR A POSITIVE VALVE TO BE PLANNED OR CLAMPED

4. TO HAVE EITHER A HYDRAULICALLY OPERATED OR A POSITIVE VALVE TO BE PLANNED OR CLAMPED

THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

1. THE BLOWOUT PREVENTER SHALL BE AN ANNULAR TYPE, BELOW THE INTERIOR OF THE BORE, SEE DRAWING AND EITHER
2. A. OR B. OR C. OR D. OR E. OR F. OR G. OR H. OR I. OR J. OR K. OR L. OR M. OR N. OR O. OR P. OR Q. OR R. OR S. OR T. OR U. OR V. OR W. OR X. OR Y. OR Z. OR AA. OR AB. OR AC. OR AD. OR AE. OR AF. OR AG. OR AH. OR AI. OR AJ. OR AK. OR AL. OR AM. OR AN. OR AO. OR AP. OR AQ. OR AR. OR AS. OR AT. OR AU. OR AV. OR AW. OR AX. OR AY. OR AZ. OR BA. OR BB. OR BC. OR BD. OR BE. OR BF. OR BG. OR BH. OR BI. OR BJ. OR BK. OR BL. OR BM. OR BN. OR BO. OR BP. OR BQ. OR BR. OR BS. OR BT. OR BU. OR BV. OR BW. OR BX. OR BY. OR BZ. OR CA. OR CB. OR CC. OR CD. OR CE. OR CF. OR CG. OR CH. OR CI. OR CJ. OR CK. OR CL. OR CM. OR CN. OR CO. OR CP. OR CQ. OR CR. OR CS. OR CT. OR CU. OR CV. OR CW. OR CX. OR CY. OR CZ. OR DA. OR DB. OR DC. OR DD. OR DE. OR DF. OR DG. OR DH. OR DI. OR DJ. OR DK. OR DL. OR DM. OR DN. OR DO. OR DP. OR DQ. OR DR. OR DS. OR DT. OR DU. OR DV. OR DW. OR DX. OR DY. OR DZ. OR EA. OR EB. OR EC. OR ED. OR EE. OR EF. OR EG. OR EH. OR EI. OR EJ. OR EK. OR EL. OR EM. OR EN. OR EO. OR EP. OR EQ. OR ER. OR ES. OR ET. OR EU. OR EV. OR EW. OR EX. OR EY. OR EZ. OR FA. OR FB. OR FC. OR FD. OR FE. OR FF. OR FG. OR FH. OR FI. OR FJ. OR FK. OR FL. OR FM. OR FN. OR FO. OR FP. OR FQ. OR FR. OR FS. OR FT. OR FU. OR FV. OR FW. OR FX. OR FY. OR FZ. OR GA. OR GB. OR GC. OR GD. OR GE. OR GF. OR GG. OR GH. OR GI. OR GJ. OR GK. OR GL. OR GM. OR GN. OR GO. OR GP. OR GQ. OR GR. OR GS. OR GT. OR GU. OR GV. OR GW. OR GX. OR GY. OR GZ. OR HA. OR HB. OR HC. OR HD. OR HE. OR HF. OR HG. OR HH. OR HI. OR HJ. OR HK. OR HL. OR HM. OR HN. OR HO. OR HP. OR HQ. OR HR. OR HS. OR HT. OR HU. OR HV. OR HW. OR HX. OR HY. OR HZ. OR IA. OR IB. OR IC. OR ID. OR IE. OR IF. OR IG. OR IH. OR II. OR IJ. OR IK. OR IL. OR IM. OR IN. OR IO. OR IP. OR IQ. OR IR. OR IS. OR IT. OR IU. OR IV. OR IW. OR IX. OR IY. OR IZ. OR JA. OR JB. OR JC. OR JD. OR JE. OR JF. OR JG. OR JH. OR JI. OR JJ. OR JK. OR JL. OR JM. OR JN. OR JO. OR JP. OR JQ. OR JR. OR JS. OR JT. OR JU. OR JV. OR JW. OR JX. OR JY. OR JZ. OR KA. OR KB. OR KC. OR KD. OR KE. OR KF. OR KG. OR KH. OR KI. OR KJ. OR KK. OR KL. OR KM. OR KN. OR KO. OR KP. OR KQ. OR KR. OR KS. OR KT. OR KU. OR KV. OR KW. OR KX. OR KY. OR KZ. OR LA. OR LB. OR LC. OR LD. OR LE. OR LF. OR LG. OR LH. OR LI. OR LJ. OR LK. OR LL. OR LM. OR LN. OR LO. OR LP. OR LQ. OR LR. OR LS. OR LT. OR LU. OR LV. OR LW. OR LX. OR LY. OR LZ. OR MA. OR MB. OR MC. OR MD. OR ME. OR MF. OR MG. OR MH. OR MI. OR MJ. OR MK. OR ML. OR MM. OR MN. OR MO. OR MP. OR MQ. OR MR. OR MS. OR MT. OR MU. OR MV. OR MW. OR MX. OR MY. OR MZ. OR NA. OR NB. OR NC. OR ND. OR NE. OR NF. OR NG. OR NH. OR NI. OR NJ. OR NK. OR NL. OR NM. OR NN. OR NO. OR NP. OR NQ. OR NR. OR NS. OR NT. OR NU. OR NV. OR NW. OR NX. OR NY. OR NZ. OR OA. OR OB. OR OC. OR OD. OR OE. OR OF. OR OG. OR OH. OR OI. OR OJ. OR OK. OR OL. OR OM. OR ON. OR OO. OR OP. OR OQ. OR OR. OS. OT. OU. OV. OW. OX. OY. OZ. OR PA. OR PB. OR PC. OR PD. OR PE. OR PF. OR PG. OR PH. OR PI. OR PJ. OR PK. OR PL. OR PM. OR PN. OR PO. OR PP. OR PQ. OR PR. OR PS. OR PT. OR PU. OR PV. OR PW. OR PX. OR PY. OR PZ. OR QA. OR QB. OR QC. OR QD. OR QE. OR QF. OR QG. OR QH. OR QI. OR QJ. OR QK. OR QL. OR QM. OR QN. OR QO. OR QP. OR QQ. OR QR. OR QS. OR QT. OR QU. OR QV. OR QW. OR QX. OR QY. OR QZ. OR RA. OR RB. OR RC. OR RD. OR RE. OR RF. OR RG. OR RH. OR RI. OR RJ. OR RK. OR RL. OR RM. OR RN. OR RO. OR RP. OR RQ. OR RR. OR RS. OR RT. OR RU. OR RV. OR RW. OR RX. OR RY. OR RZ. OR SA. OR SB. OR SC. OR SD. OR SE. OR SF. OR SG. OR SH. OR SI. OR SJ. OR SK. OR SL. OR SM. OR SN. OR SO. OR SP. OR SQ. OR SR. OR SS. OR ST. OR SU. OR SV. OR SW. OR SX. OR SY. OR SZ. OR TA. OR TB. OR TC. OR TD. OR TE. OR TF. OR TG. OR TH. OR TI. OR TJ. OR TK. OR TL. OR TM. OR TN. OR TO. OR TP. OR TQ. OR TR. OR TS. OR TT. OR TU. OR TV. OR TW. OR TX. OR TY. OR TZ. OR UA. OR UB. OR UC. OR UD. OR UE. OR UF. OR UG. OR UH. OR UI. OR UJ. OR UK. OR UL. OR UM. OR UN. OR UO. OR UP. OR UQ. OR UR. OR US. OR UT. OR UY. OR UZ. OR VA. OR VB. OR VC. OR VD. OR VE. OR VF. OR VG. OR VH. OR VI. OR VJ. OR VK. OR VL. OR VM. OR VN. OR VO. OR VP. OR VQ. OR VR. OR VS. OR VT. OR VU. OR VV. OR VW. OR VX. OR VY. OR VZ. OR WA. OR WB. OR WC. OR WD. OR WE. OR WF. OR WG. OR WH. OR WI. OR WJ. OR WK. OR WL. OR WM. OR WN. OR WO. OR WP. OR WQ. OR WR. OR WS. OR WT. OR WU. OR WV. OR WW. OR WX. OR WY. OR WZ. OR XA. OR XB. OR XC. OR XD. OR XE. OR XF. OR XG. OR XH. OR XI. OR XJ. OR XK. OR XL. OR XM. OR XN. OR XO. OR XP. OR XQ. OR XR. OR XS. OR XT. OR XU. OR XV. OR XW. OR XX. OR XY. OR XZ. OR YA. OR YB. OR YC. OR YD. OR YE. OR YF. OR YG. OR YH. OR YI. OR YJ. OR YK. OR YL. OR YM. OR YN. OR YO. OR YP. OR YQ. OR YR. OR YS. OR YT. OR YU. OR YV. OR YW. OR YX. OR YY. OR YZ. OR ZA. OR ZB. OR ZC. OR ZD. OR ZE. OR ZF. OR ZG. OR ZH. OR ZI. OR ZJ. OR ZK. OR ZL. OR ZM. OR ZN. OR ZO. OR ZP. OR ZQ. OR ZR. OR ZS. OR ZT. OR ZU. OR ZV. OR ZW. OR ZX. OR ZY. OR ZZ.

THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS



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