

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ RE-ENTRY DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

MorOilCo., Inc.

3. ADDRESS OF OPERATOR

P.O. Drawer I Artesia, NM 88211-0269

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

At surface

1980' FSL & 660' FWL

At proposed prod. zone

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

25 miles West of Hobbs

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. 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

640'

19. PROPOSED DEPTH

10,800'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Reverse Unit

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

3645.5 GR

22. APPROX. DATE WORK WILL START*

ASAP

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94#	305'	Circulate
17-1/2"	10-3/4"	45.5# & 40.5#	4019'	4200 sx Lite 1800 sx Lt. Wt.
9-1/2"	7-5/8"		3782 to 10,907	1300 sx Halb. Lite & 300 sx Cl

MorOilCo., Inc., proposes to clean out plugs to 10,700' & test casing. Will perforate and test proposed zone. If not productive, will P & A as specified.

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CARLOS R. BARRERO
AREA INCHQUARTERS

*Formerly the Teal Petroleum Company, Aztec Federal #1.

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

Pran A. Murga

TITLE Operator

DATE November 9, 1987

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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DEC 11 1967

OOD
MOBRS OFFICE

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

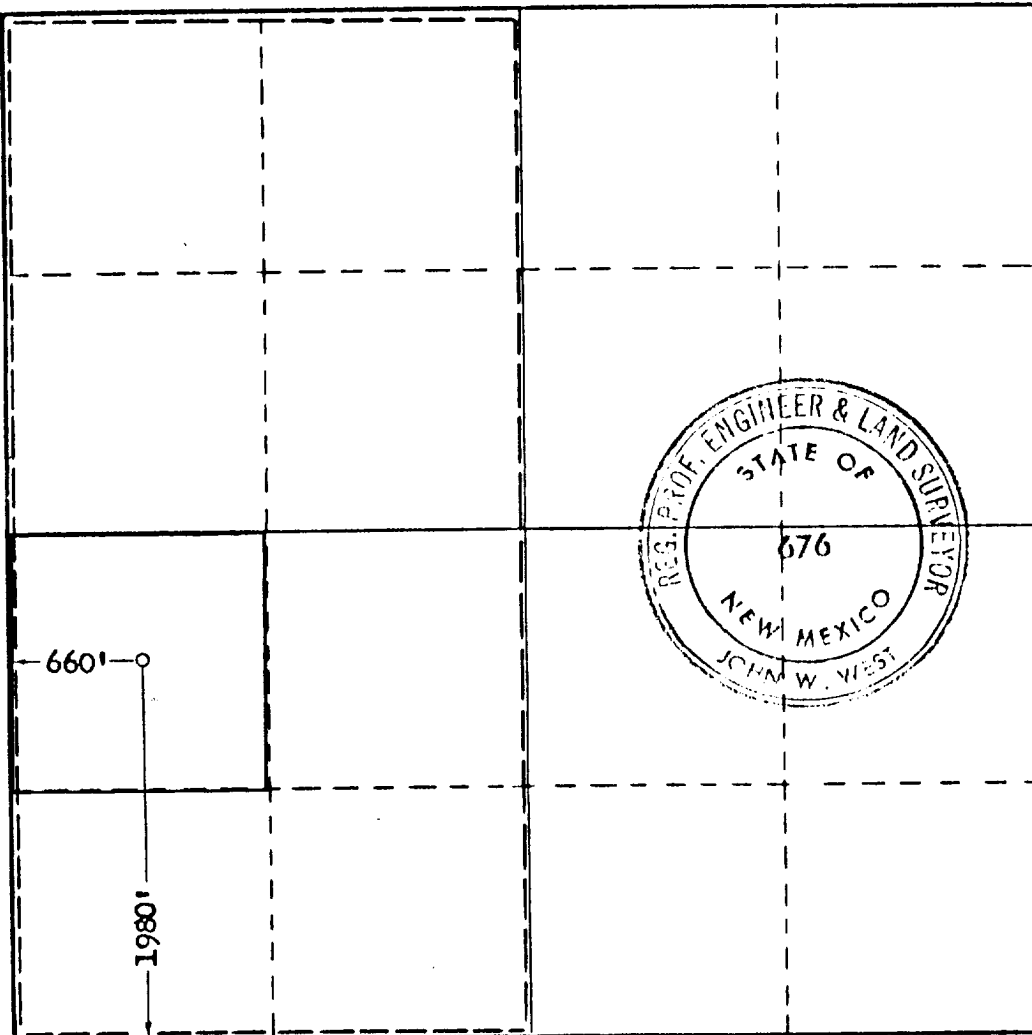
Operator MorOilCo., Inc.			Lease Gavilon Federal		Well No. #1
Unit Letter L	Section 33	Township 20 South	Range 33 East	County Lea	
Actual Footage Location of Well: 660 feet from the west line and 1980 feet from the south line					
Ground Level Elev. 3645.5 GR	Producing Formation Bone Spring		Pool Wildcat	Dedicated Acreage: 40 Acres	

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 actually 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, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Frank S. Morgan
Name

Frank S. Morgan

Position

Operator

Company

MorOilCo., Inc.

Date

November 9, 1987

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

April 14, 1973

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **676**

SURFACE USE
AND OPERATIONS PLAN

Well Name: Gavilon Federal #1

Location: Sec. 33 T20S R33E, 1980' FSL & 660' FWL, Lea County

1. Existing Roads: 1/2 mile caliche road to location.
2. Planned Access Roads: No other access roads needed at this time.
3. Location of Existing Wells: No other wells on this lease at this time.
4. Location of Tank Batteries, Production Facilities, and Production, Gathering, and Service Lines: Sec. 33 T20S R33E, will be located on location.
5. Location and Type of Water Supply (rivers, creeks, lakes, ponds, wells):
None.
6. Source of Construction Materials: No materials necessary. Will scrape existing location.
7. Methods of Handling Waste Disposal: Waste will be buried three feet below surface.
8. Ancillary Facilities: None.

9. Well Site Layout: See exhibit "C"

10. Plans for Restoration of the Surface: Pits to be back-filled after drilling operations are completed. If well is dry hole, location roads will be ripped, so natural vegetation can re-establish itself to this area. Work will commence within 60 days after completion of work.

11. Other Information: Location is caliche with some natural vegetation.

12. Lessee's or Operator's Representative:

Frank S. Morgan
Drawer I
Artesia, NM 88211-0269

Business Phone: (505) 365-2971

Home Phone: (505) 365-2919

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite 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 MorOilCo, Inc. and its contractors and sub-contractors in convormity with this plan and the terms and conditions under which it is approved.

November 9, 1987
Date

Frank S. Morgan
Company Representative

Vice President
Title

WE RILLING CO., INC.
EQUIPMENT DESCRIPTION

All equipment should be at least 3,000 psi WP or higher unless otherwise specified.

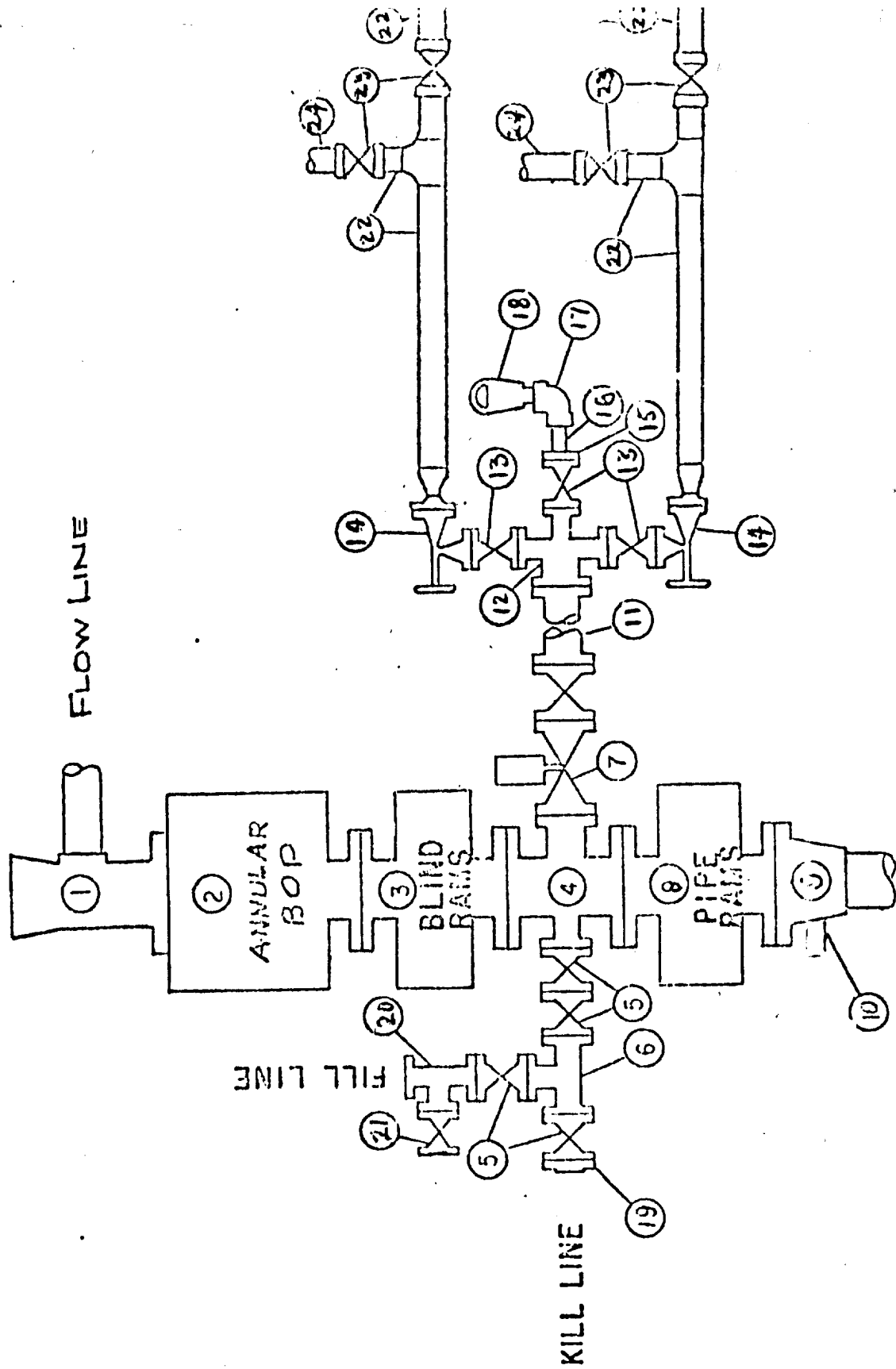
1. Bell nipple.
2. Hydril bag type preventer
3. Ram type pressure operated blowout preventer with blind rams.
4. Flanged spool with one 3-inch and one 2-inch (minimum) outlet.
5. 2-inch (minimum) flanged plug or gate valve.
6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
7. 3-inch gate valve.
8. Ram type pressure operated blowout preventer with pipe rams.
9. Flanged type casing head with one side outlet.
10. 2-inch threaded (or flanged) plug or gate valve.
Flanged on 5000# WP, threaded on 3000# WP or less.
1. 3-inch flanged spacer spool.
2. 3-inch by 2-inch by 2-inch by 2-inch flanged cross.
3. 2-inch flanged plug or gate valve.
4. 2-inch flanged adjustable choke.
5. 2-inch threaded flange.
6. 2-inch XXH nipple.
7. 2-inch forged steel 90° Ell.
8. Cameron (or equal.) threaded pressure gage.
9. Threaded flange.
10. 2-inch flanged tee.
1. 2-inch flanged plug or gate valve.
2. 2½-inch pipe, 300' to pit, anchored.
3. 2½-inch SE valve.
4. 2½-inch line to steel pit or separator.

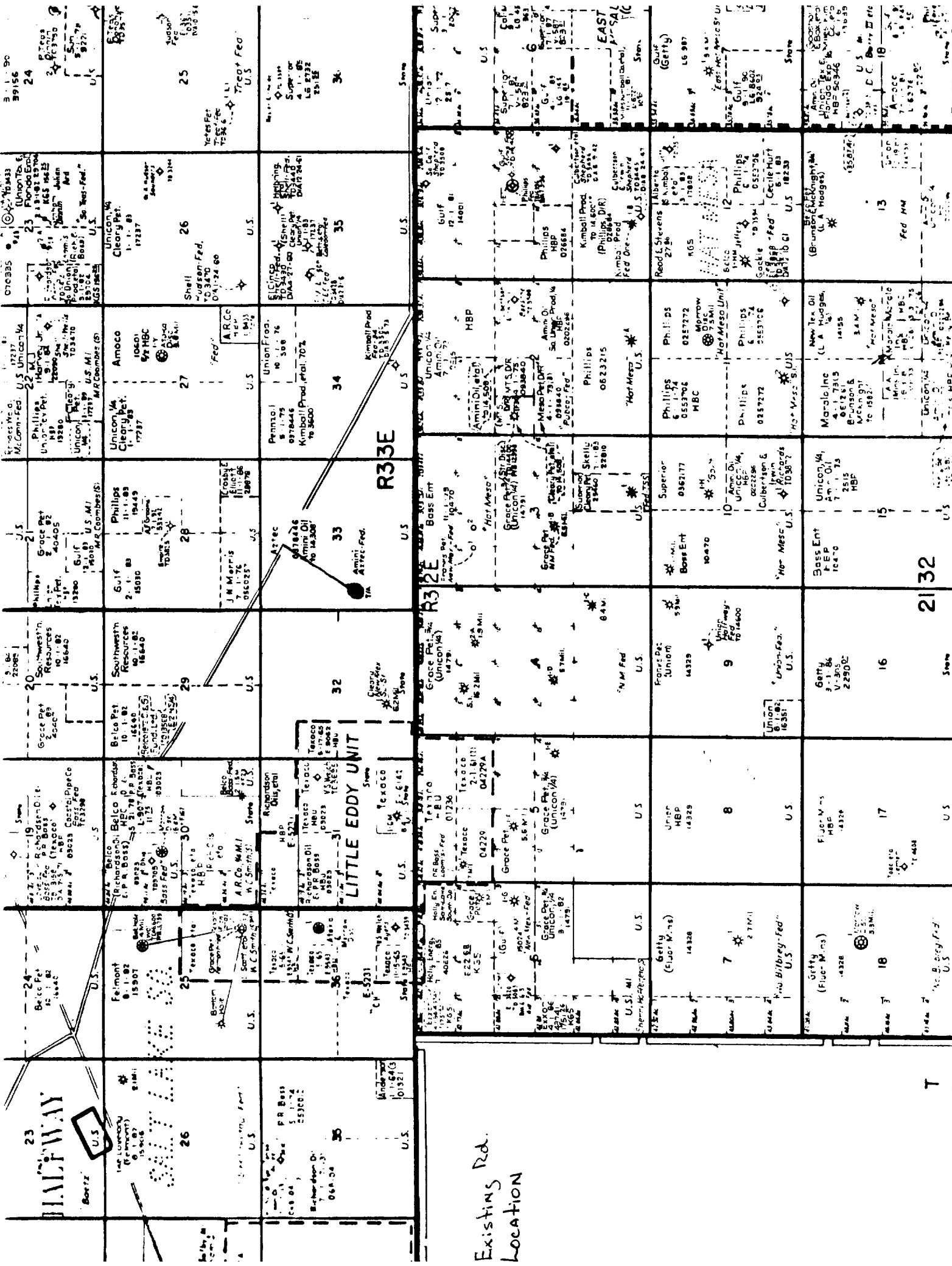
NOTES:

1. Items 3, 4 and 8 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, ISW 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.

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WORKS OFFICE

BLOWOUT PREVENTER SPECIFICATION





EXISTING RD.
LOCATION

2132

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HOBBS OFFICE