

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐*Re-enter Side Tract*
DEEPEN ☒PLUG BACK ☐

b. TYPE OF WELL

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

2. NAME OF OPERATOR

Roger C. Hanks

3. ADDRESS OF OPERATOR

2100 Wilco Building, Midland, Texas 79701

NOV 5 1974

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

At surface

1980' FSL & 660' FWL

O. C. C.
ARTESIA, OFFICE

At proposed prod. zone

Cisco Canyon

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

8 miles west & 2 miles north of Lakewood, New Mexico

15. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

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

19. PROPOSED DEPTH

App. 7950-8000'

20. ROTARY OR CABLE TOOLS

Rotary

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

3552' DF

22. APPROX. DATE WORK WILL START*

Rig Availability - 30 days
App.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	9 5/8		1072	970 sx.
	5 1/2		7840 2840	645 sx.

5 1/2" Cased + pulled from 4720

Operator plans to re-enter old Yates Kincaid Federal #1 previously drilled by Yates Petroleum Company, rig up using previous surface and intermediate and wash hole down to approximately ~~6000'~~ ^{4700'} and set 100-200' cement plug according to hole conditions and will then install kick-sub and drill out from under after cement has hardened to bypass old casing. After kick-sub has accomplished its purpose will then bring the deviation of the hole back to within 3° and test the anticipated interval of approximately 7600-7950'. Anticipate new TD to be between 7950 - 8000'.

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ARTESIA, NEW MEXICO

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

Mrs. Donna Malone

TITLE

Production Clerk

DATE

9/29/74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

NOV 20 1974

**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.

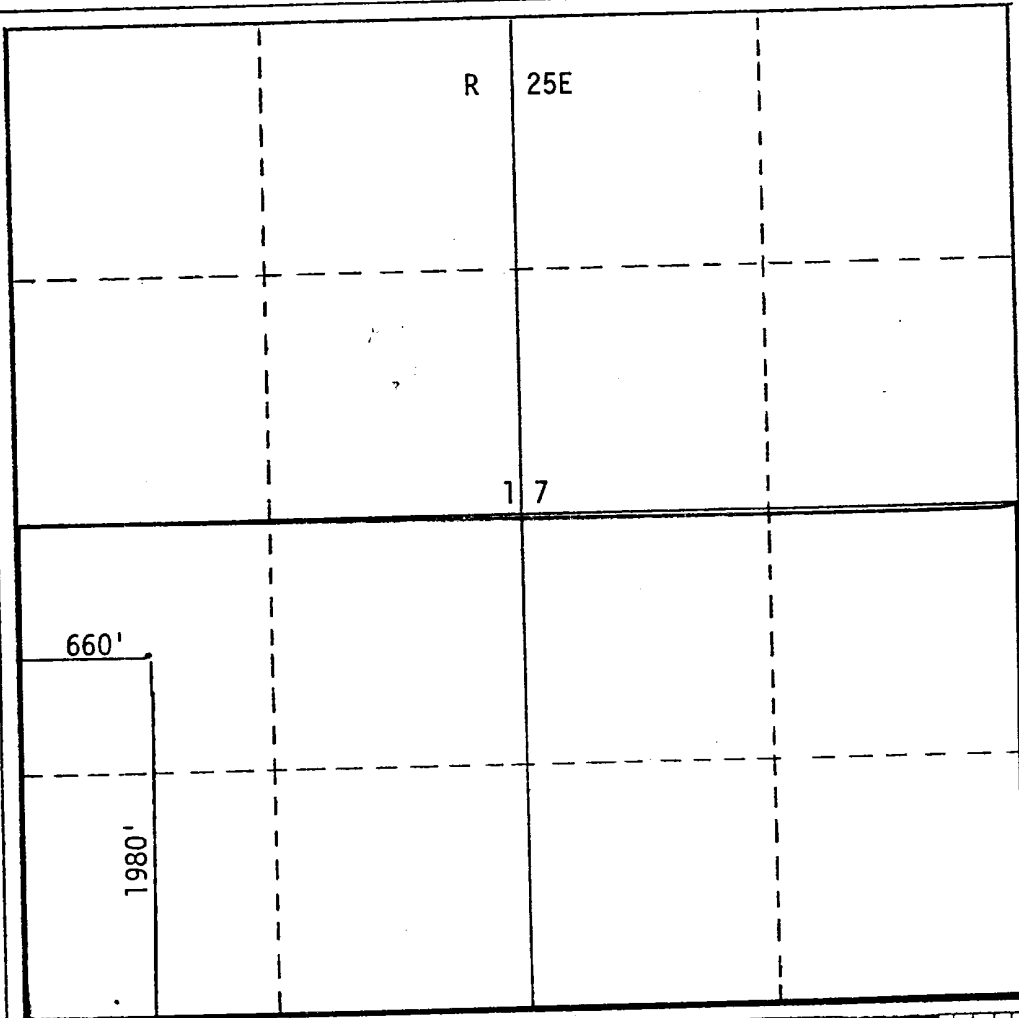
Operator Roger C. Hanks			Lease Barbara Federal		Well No. 4
Unit Letter L	Section 17	Township 19S	Range 25E	County Eddy	
Actual Footage Location of Well: 660 feet from the West line and 1980 feet from the South line					
Ground Level Elev. 3552 DF	Producing Formation Cisco	Pool No. Dagger Draw - Upper Penn.			Dedicated Acreage: 320 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 communitization

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.

Name Mrs. Donna Malone
 Position _____
 Production Clerk
 Company _____
 Roger C. Hanks
 Date _____
 9/29/74

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 correct to the best of my knowledge and belief.

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ALBUQUERQUE, NEW MEXICO

Date Surveyed _____
 Registered Professional Engineer and/or Land Surveyor

Certificate No. _____

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CONTINUATION #23

5. LEASE DESIGNATION AND SERIAL NO.

NM 1372

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Barbara Federal

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

12. COUNTY OR PARISH 13. STATE

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ZONE ☐MULTIPLE
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At proposed prod. zone

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24.

SIGNED

TITLE

Bookkeeper

DATE 10/30/74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

DATE

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Instructions

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 of on this reverse side, showing 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.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

★ U.S. GOVERNMENT PRINTING OFFICE : 1963-O-711-396

#23 Continued

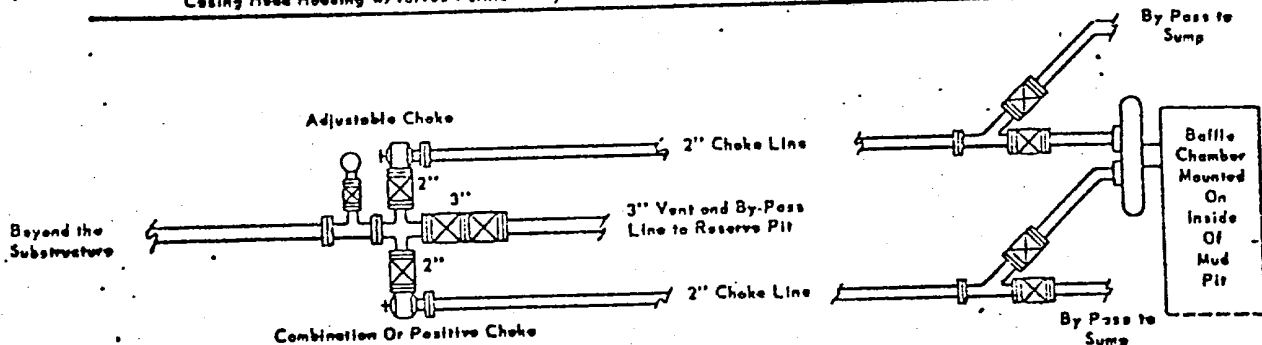
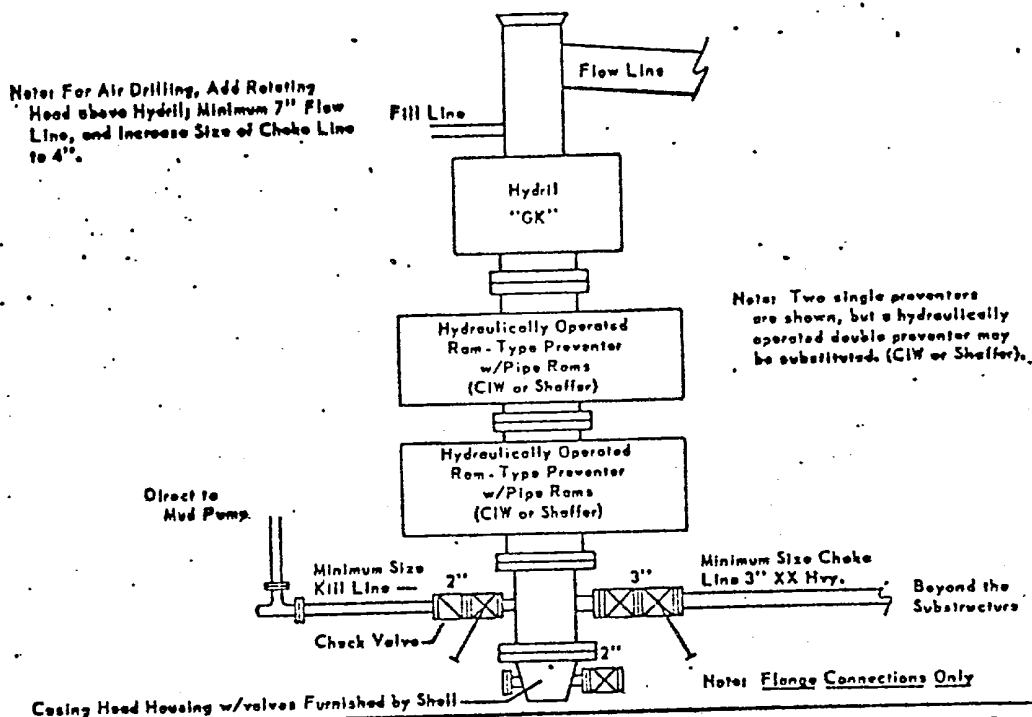
1. a. B.O.P. program - Two Shaffer Hydraulic preventors and one Hydril "G.K." with 3000 p.s.i. W.P. ratings. Sufficient mud weight to contain formation at all times. (See complete diagram on Plat 3D)
- b. Mud program - Native mud to 4000'. Good sample mud from 4000' to 7000'. Low water loss mud (wt. 9.2 - 9.6) from 7000' to TD.
- c. Drilling waste disposal - Drilling waste will be completely contained in earthen pits. Any liquid will be allowed to evaporate. Pits will be re-covered with soil and area returned to its original condition.
- d. Water supply - Water well 759' deep. Same supply used for drilling our #1 Barbara.
- e. Surface restoration plans - Dry Hole - Location will be cleared of all debris, graded, covered with soil and returned to its original state. Producing Well - Location will be a completely level, rolled caliche, fenced area of nice appearance. It will be ditched to prevent loss of any possible leakage and should present no problem to man or animal.

(P. AT # 3D.)

MA-923 (Rev. 5/64)

MINIMUM BLOWOUT PREVENTER EQUIPMENT FOR HAZARDOUS INTERMEDIATE PRESSURE SERVICE

Class II (3000 psi WP - Series 900)



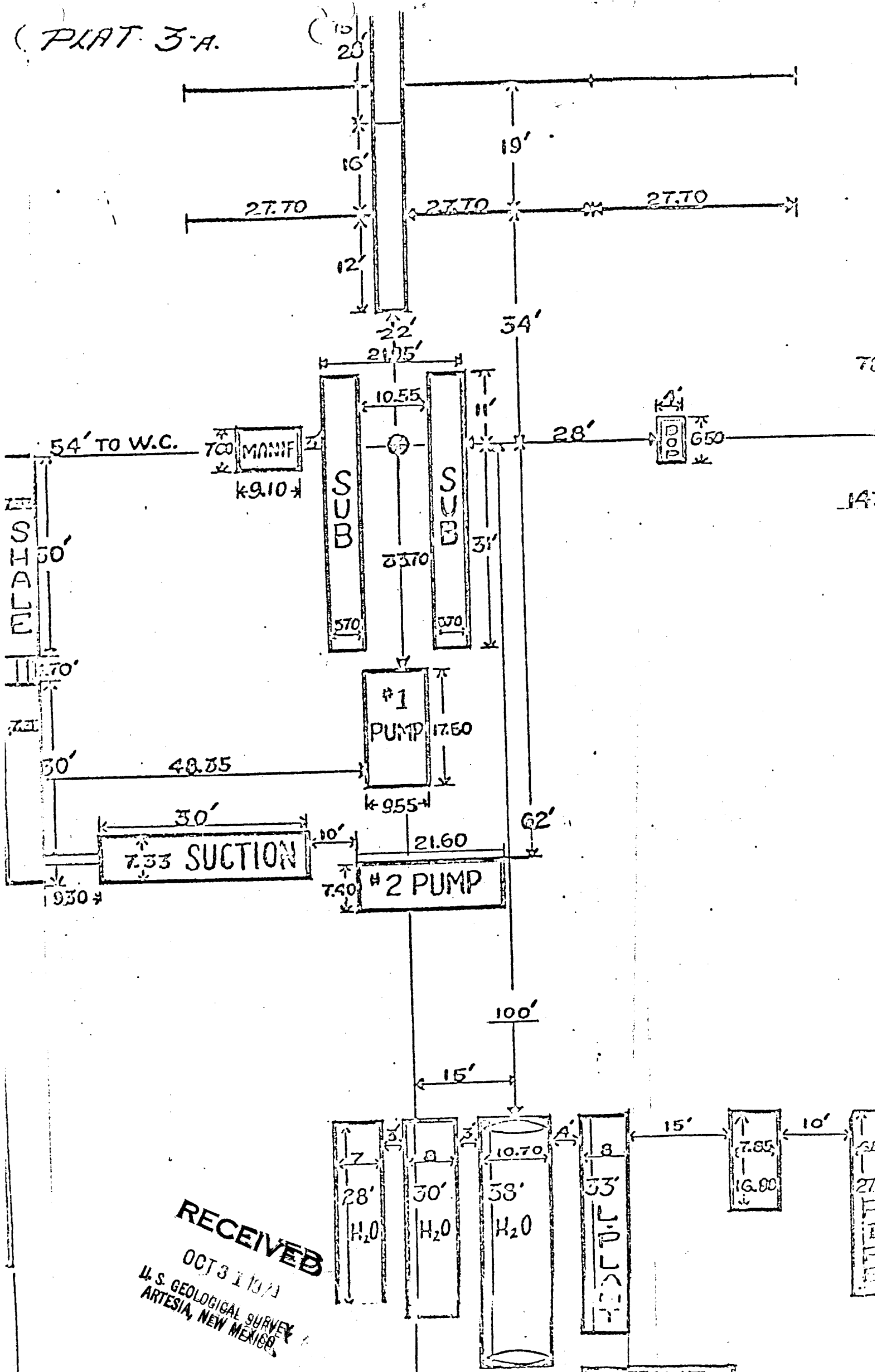
MINIMUM REQUIREMENTS

1. All BOP's, valves, fittings and lines shall have 3000 psi WP (Series 900) ratings.
2. All equipment from the top preventer to the outermost valve or choke shall be pressure tested to 3000 psi.
3. All valves employed must be gate type suitable for high pressure mud service.
4. Outside valves on spool that are 4" or larger shall be hydraulically operated.
5. The Cameron steel ring and a rubber "O" ring shall be required on all BOP Flange connections.
6. Replacement parts for chokes shall be available at rig.
7. All lines shall be securely anchored.
8. Casing wear ring shall be required when the BOP is larger than the nominal casing size.
9. An 80 gallon hydraulic accumulator with an operating pressure of 1500 psi shall be required.
10. Two control points (a master control manifold and a remote control manifold including Hydril regulator valves,) shall be properly equipped and connected to BOP's with steel lines.
11. Inside BOP and Kelly cock shall be provided.
12. BOP's shall have extensions for locking rams.
13. Outside valve on choke line and inside valve on kill line shall have extensions for operating valves.
14. Valve on casing head housing shall be used only in an extreme emergency.
15. Choke and vent line shall be streamlined with no abrupt turns or bends.

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(PLAT 3-A.



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