

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21428

5. LEASE DESIGNATION AND SERIAL NO.

NM 0112134 - B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. NAME OF LEASE

ROUND MOUNTAIN

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Sec. 21, T-21S, R-25E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

November 22, 1974

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

MONSANTO COMPANY

3. ADDRESS OF OPERATOR

Production Department, 321 West Texas, Midland, Texas 79701

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

At surface

1980' FSL & 2310' FWL

At proposed prod. zone

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

8 miles West of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

1980

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

None

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

3544 Gr.

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|----------------------|
| 17½" | 13 3/8" | 48# | 400' | 500 Sx. (Circulate) |
| 12¼" | 9 5/8" | 36# | 2500' | 1150 Sx. (Circulate) |

Drill 17½" hole to 400'; Set 13 3/8" Csg & cement to surface.

Drill 12¼" hole to 2500'; Set 9 5/8" Csg & cement to surface.

Drill 8 3/4" hole to 10,700' & log.

If production is indicated, set 5½" casing & cement.

Perforate & treat if necessary.

BOP Series 1500 double hydraulic w/ Series 900 annular preventer.

RECEIVED

NOV 15 1974

U. S. GEOLOGICAL SURVEY
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

TITLE

District Production Mgr.

DATE

11/13/74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

NOV 27 1974

APPROVED BY

TITLE

DISTRICT ENGINEER

DATE

CONDITIONS OF APPROVAL, IF ANY:

SUBJECT TO ATTACHED DEEP WELL CONTROL

REQUIREMENTS DATED

JUN 22 1973

NOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE 13E498

*See Instructions On Reverse Side

APPROVAL IS RESCINDED IF OPERATIONS
NOT COMMENCED WITHIN 3 MONTHS.

NE 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.

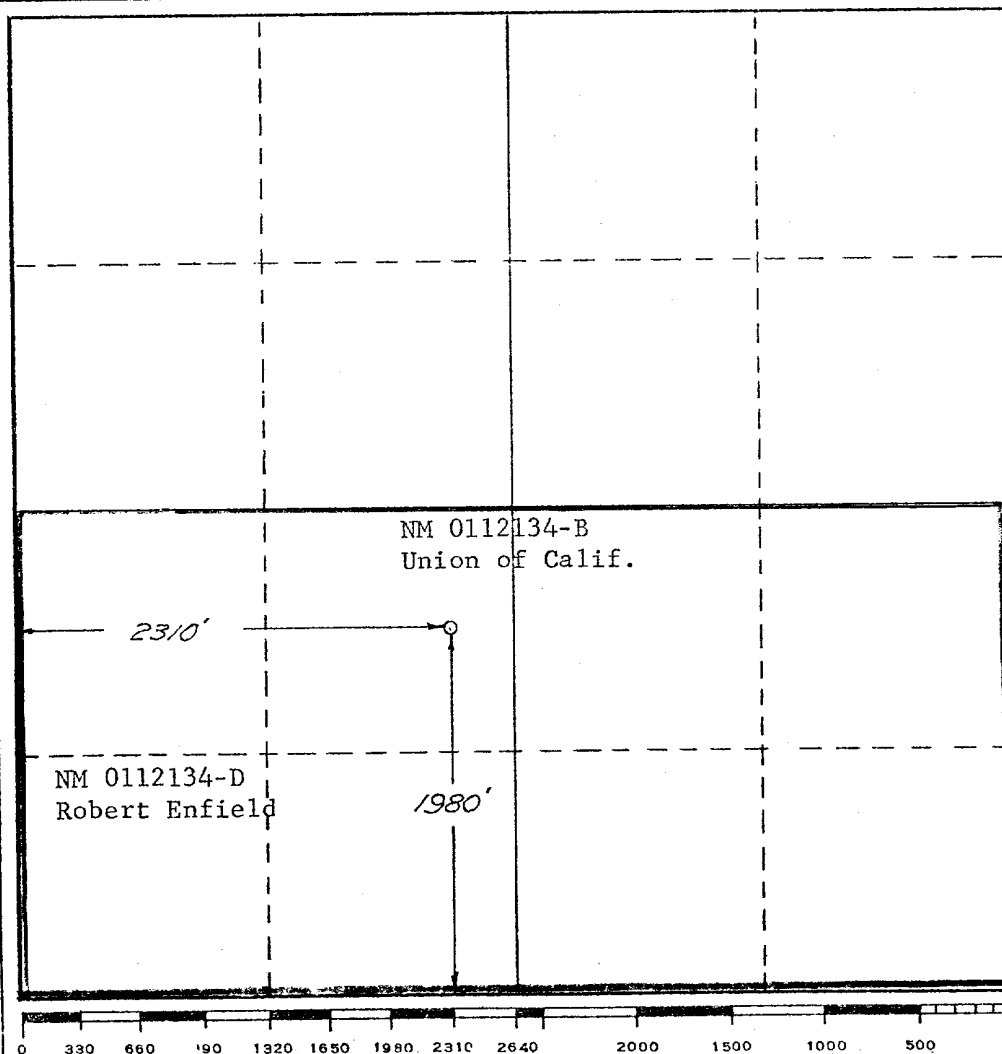
| | | | | |
|--|--------------------------------------|--|--|-----------------------|
| Operator MONSANTO COMPANY | | Lease ROUND MOUNTAIN "A" ORTEGA | | Well No. #1 |
| Unit Letter K | Section 21 | Township T-21-S | Range 25-E | County EDDY |
| Actual Footage Location of Well: | | | | |
| 1980 feet from the SOUTH | | line and 2310 feet from the WEST | | line |
| Ground Level Elev. 3544' | Producing Formation Morrow | Pool Undesignated | Dedicated Acreage: 5/2 320 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 | E. M. Scholl |
| Position | Dist. Prod. Mgr. |
| Company | Monsanto Company |
| Date | November 13, 1974 |
| RECEIVED NOV 15 1974 U.S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO | |
| I hereby certify that the information shown on this plat was plotted from field notes of actual survey 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 | NOVEMBER 7, 1974 |
| RICHARD B. DUNIVEN | |
| Registered Professional Engineer and/or Land Surveyor | |
| <i>Richard B. Duniven</i> | |
| Certificate No. | 1532 |

Monsanto

Monsanto Company
Production Department
321 West Texas
Midland, Texas 79701
Phone: (915) 683-3306

November 13, 1974

United States Geological Survey
Drawer U
Artesia, New Mexico 88210

Attn: Mr. James Knauf

RE: Round Mountain Well No. ^{"A"} ~~4~~ 1
Sec. 21, T-21S, R-25E
Eddy County, New Mexico

Gentlemen:

Monsanto Company respectfully submits the following Development Plan for drilling subject well.

Development Plans include the following:

1. Existing roads: See attachment.
2. Planned access roads: See attachment (20' wide).
3. Location of Well: 1980' FSL, 2310' FWL
Sec. 21, T-21S, R-25E
4. Lateral Road: See attachment
5. Location of Tank Battery:

If the well is gas productive, a heater and three phase separator will be installed on the southwest corner of the pad with two 200 barrel collection tanks for water and condensate respectively. Pipeline location is not known at this time.

6. Location and type of water supply:

Water will be purchased as near as possible and trucked to location.

November 13, 1974

7. Method of waste disposal:

A burn pit will be used to dispose of combustible materials. Non-combustible materials will be buried at least 24" below the surface of the ground.

8. Location of camps: None

9. Location of air strips: None

10. Location of rig: See attachment

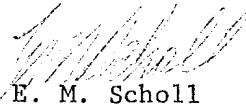
11. Plans for restoration:

Pits will be leveled and land returned as near as possible to original condition.

12. Other - Attached mud program and BOP description.
After setting the 9 5/8" casing string and before drilling into the Wolfcamp formation, the blowout preventers and related control equipment will be pressure tested to rated working pressures by an independent service company. Any equipment failing to test satisfactorily shall be repaired or replaced.

Monsanto Company respectfully requests that this plan of development be approved. Please advise if you require any additional information.

Yours very truly,



E. M. Scholl
District Production Manager

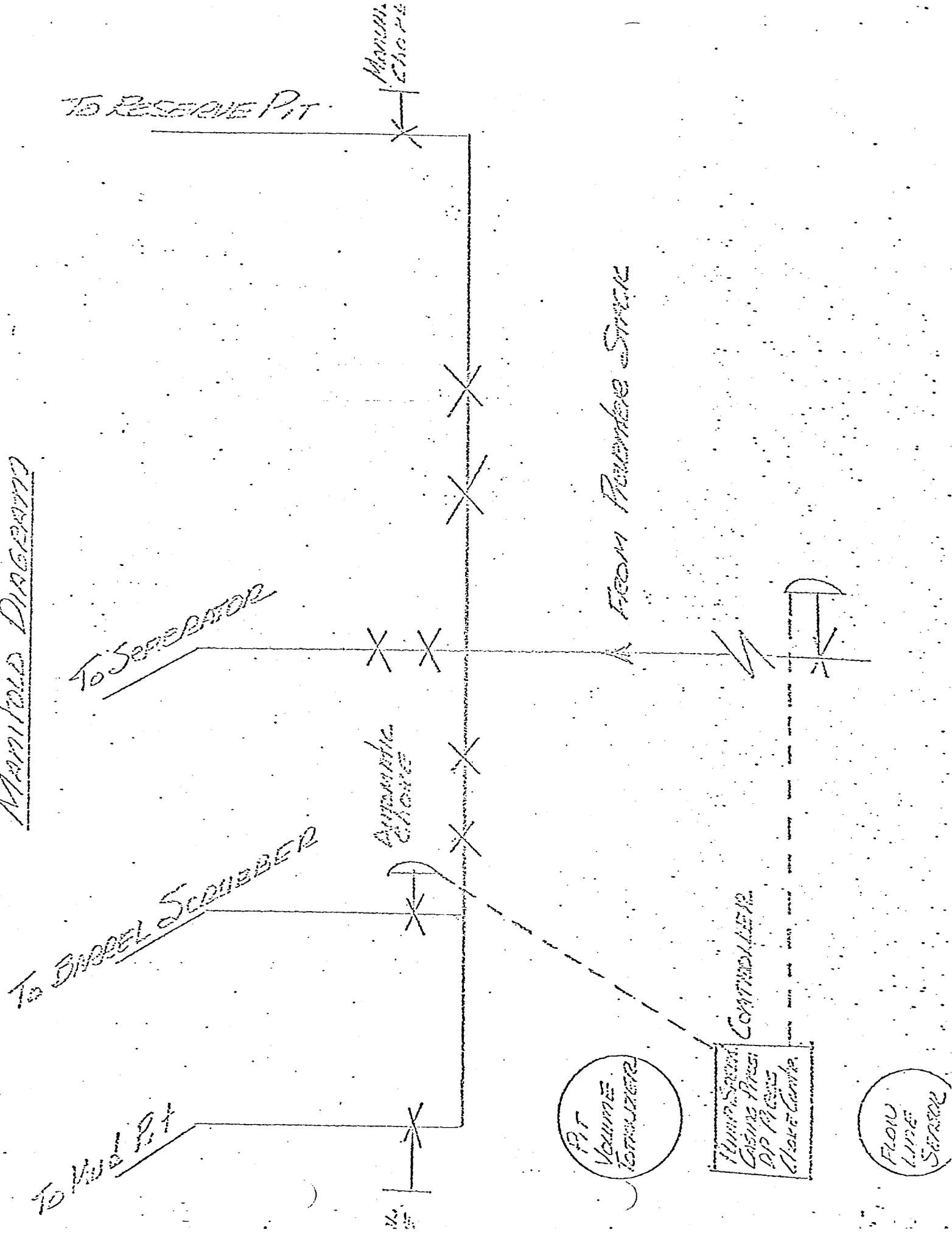
EMS:HW:mm
Encl.

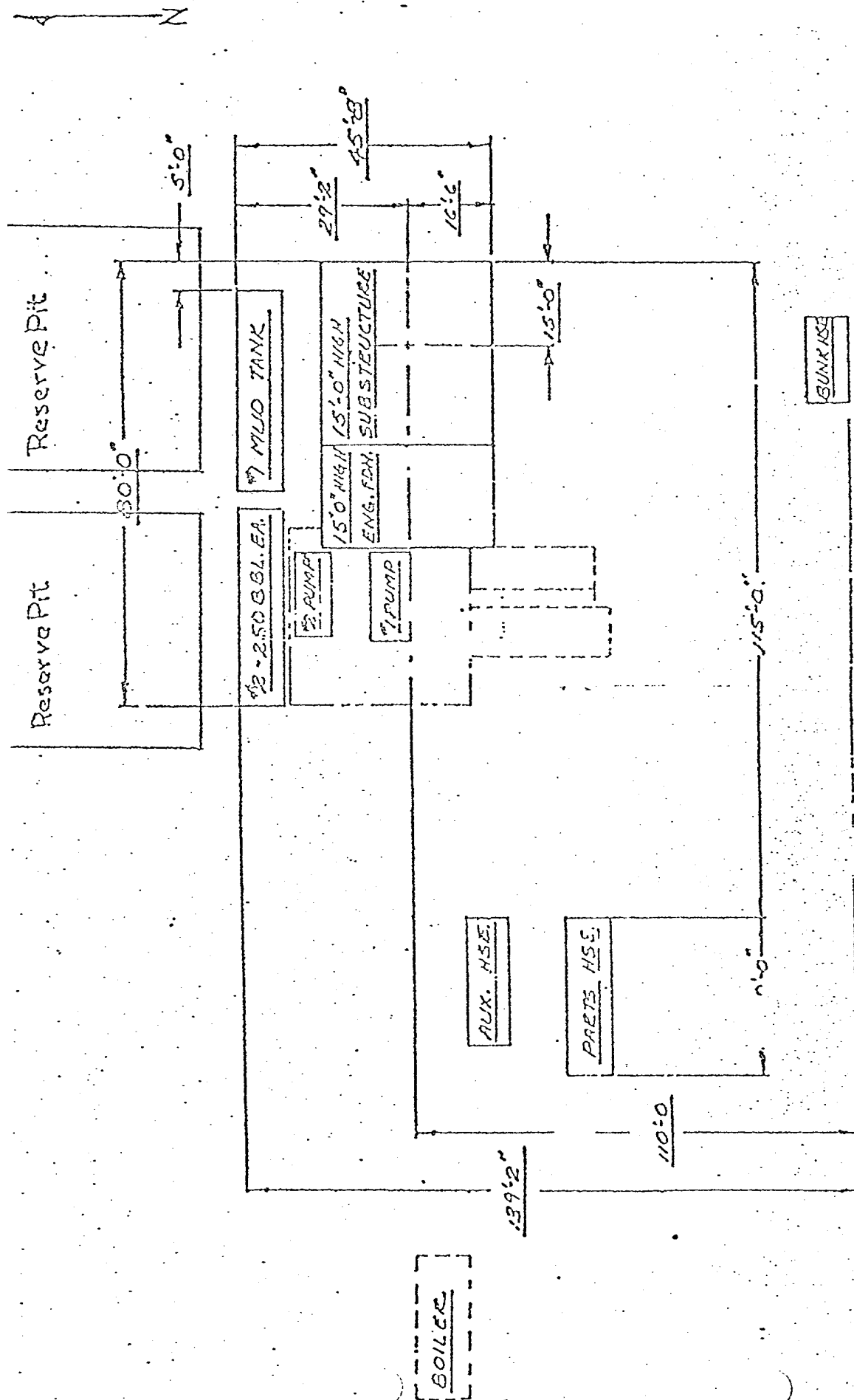
"A"
ROUND MOUNTAIN/ WELL NO. 71

MUD PROGRAM

| | |
|---------------|---|
| Surface: | <u>0 - 400'</u> Fresh water gel/lime slurry. |
| Intermediate: | <u>400' - 2500'</u> Fresh water with L.C.M. for seepage if required. |
| Production: | <u>2500' - T.D.</u> Fresh water to 7500'. At 7500' mud up with low solids, non-dispersed fresh water system. Weight and viscosity will be adjusted to contain the formation fluids. The water loss will be decreased to 5 c.c. or less before drilling the Morrow. |

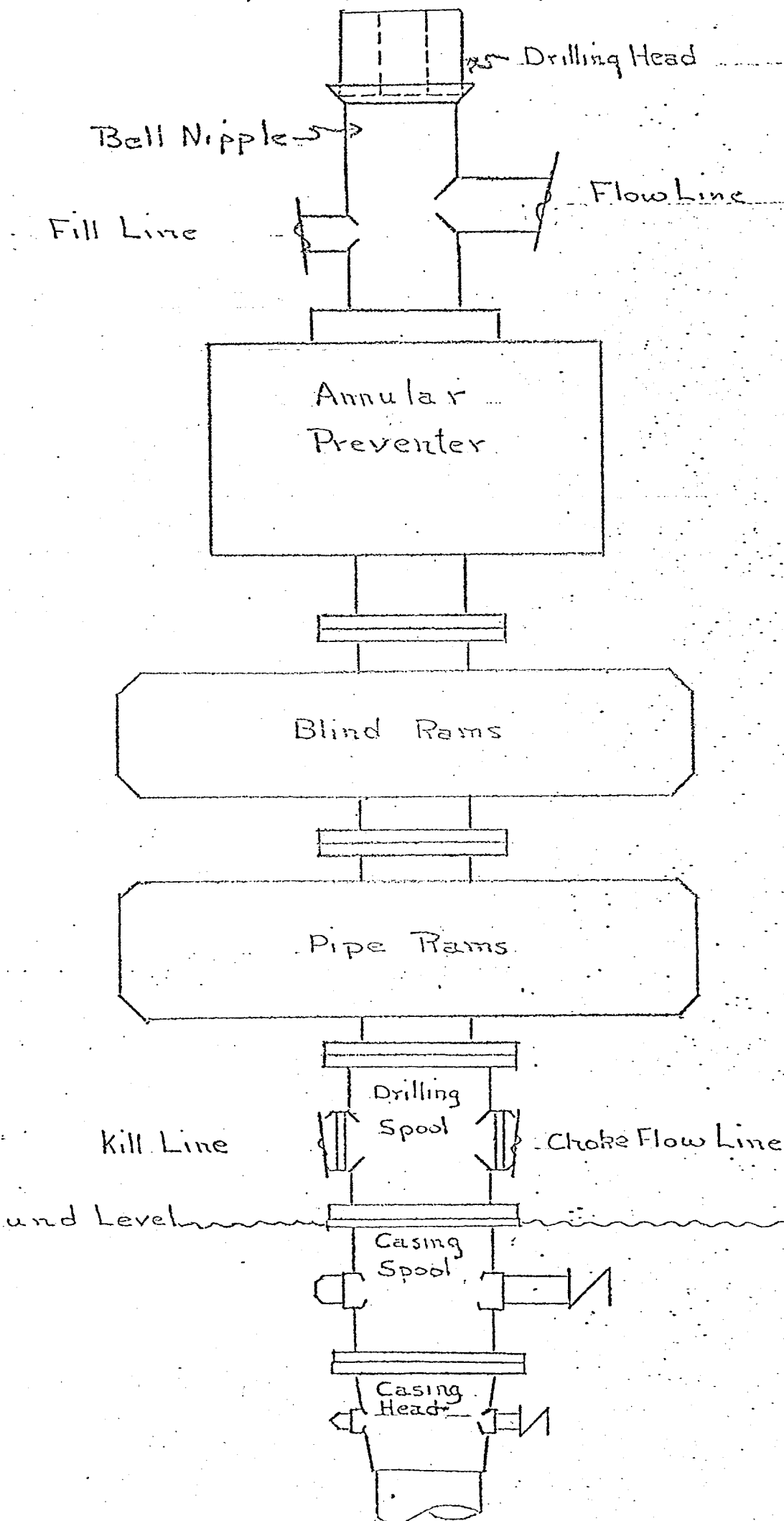
Manifold Diagram





THE BLOWOUT PREVENTER STACK

5000 psi Working Pressure



30'

20'

10'

R.24 E.

R.25 E.

R.26 E.

R.27 E.

MATCH LINE SEE SHEET 2

