

N. M. O. C. C. CO.
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*

(Other inst. ins on
reverse)Form approved.
Budget Bureau No. 42-R1423.

30-015-21570

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

Hanagan Petroleum Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1737, Roswell, New Mexico 88201

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

At surface

2310' FSL & 1980' FEL

At proposed prod. zone

Same

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

2½ miles - Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

330'

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

660'

16. NO. OF ACRES IN LEASE

960

17. NO. OF ACRES ASSIGNED

320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1½ miles E in

Sec. 22 & 1½ miles

19. PROPOSED DEPTH

11,200'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) S in Sec. 33

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	65#	250	Circulated
14-3/4 & 12½	9-5/8"	36 & 40#	2600	Circulated
8½ & 7-7/8	5-1/2"	17 & 20#	11200	400

Plan use 10" - 1500 Series BOP & Hydrill, flow sensor, pit leveller and gas separator will be installed and tested @ top Wolfcamp anticipated 8250'. Plain drill with fresh water and native mud from surface to 8300', 8300' to T.D. low solids fresh water mud 8.9 to 9.5# mud unless higher than anticipated pressures are encountered, vis. 38 to 44, WL 20 or below.

OPERATIONS BY:

- ☐ RECORD LESSEE
☐ D. OF O. ON FILE
☐ D. OF O. ATTACHED

BOND COVERAGE:

- ☐ \$5,000 CASH
☐ \$5,000 BOND
☐ LESSOR'S NATION-WIDE
☒ OPERATOR'S NATION-WIDE

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

Robert B. Hanagan

TITLE

President

DATE 5/30/75

(This space for Federal or State office use)

APPROVED

PERMIT NO.

JUN 16 1975

CONDITIONS OF APPROVAL, IF ANY:

R. L. BEEKMANN

ACTING DISTRICT ENGINEER

SUBJECT TO ATTACHED DEEP WELL CONTROL
REQUIREMENTS DATED JUN 22 1975

TITLE

Subject to OIA
prior to production

DATE

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES SEP 18 1975

*See Instructions On Reverse Side

DECLARED WATER BASIN
CEMENT BEHIND LINE
CASING MUST BE CIRCULATED

NOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE CASING.

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 or 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

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 Hanagan Petroleum Corporation			Lease North Carlsbad		Well No. 3
Unit Letter J	Section 21	Township 21 South	Range 26 East	County Eddy	
Actual Footage Location of Well: 2310 feet from the South line and 1980 feet from the East line					
Ground Level Elev. 3466	Producing Formation Morrow		Pool Avalon Morrow		Dedicated Acreage: 320 Acres

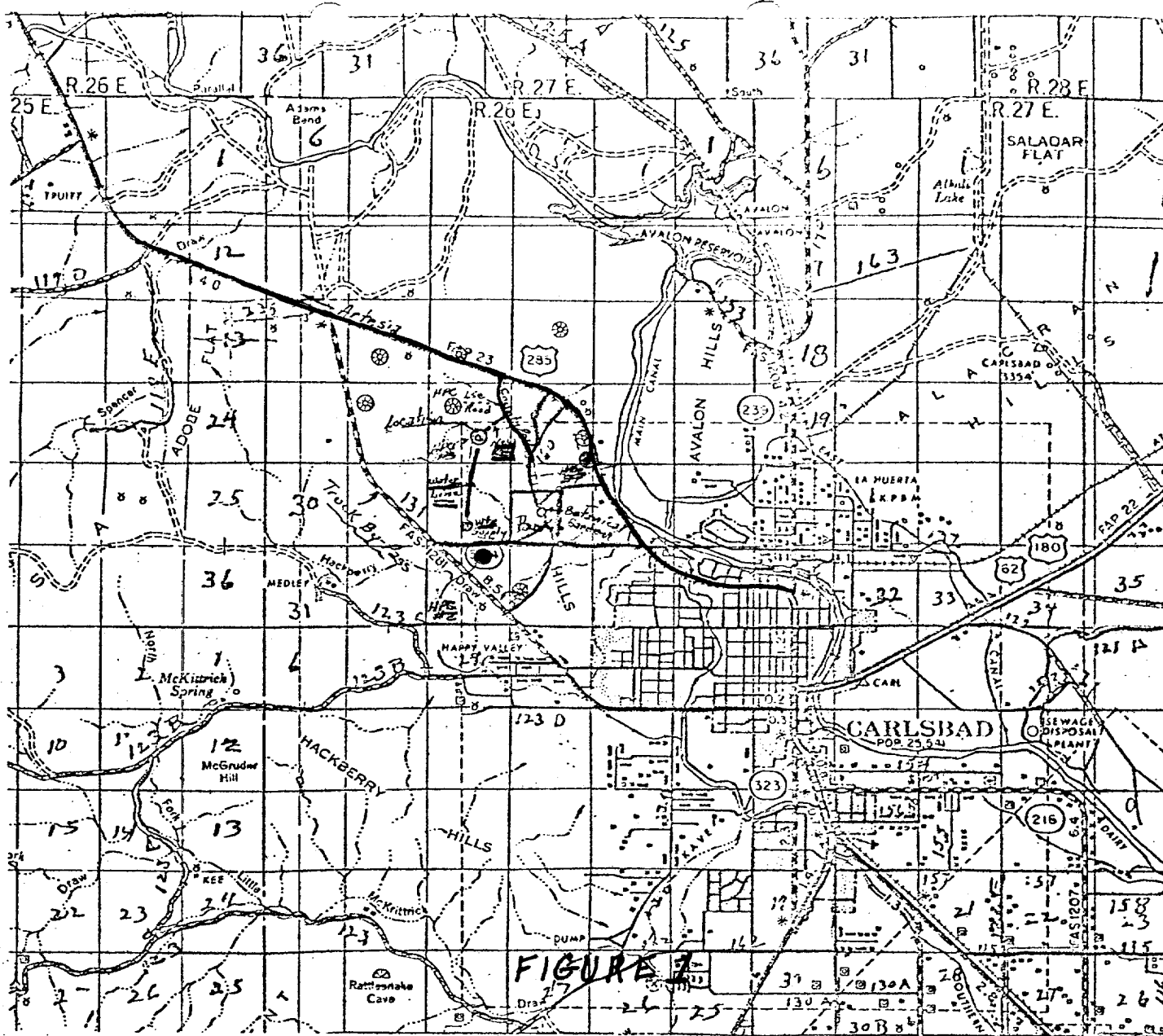
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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 Will be communitized

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.	
	<i>Robert B. Hanagan</i> Name President	
	Position HANAGAN PETROLEUM CORP.	
	Company	
	Date 5/30/75	
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 MAY 8, 1975		
Registered Professional Engineer and/or Land Surveyor <i>N. M. 220</i>		
Certificate No.		



Development Plan For Surface Use
Hanagan Petroleum Corporation No. 3 North Carlsbad

1. Existing Roads and Planned Excess Road - See Figure 1 (U.S.G.S. Map of Area) Main paved road to Carlsbad (Artesia take Caliche Road) new excess road (to be caliche in yellow, approx. $\frac{1}{2}$ mile - 10 feet wide.
2. Location of Existing Wells - See Figure 1. Wells in yellow and gas field outlined in orange.
3. Water Supply - Hanagan Petroleum Corporation has its own well for drilling purposes Located in $SW\frac{1}{4}$ $NW\frac{1}{4}$ of Section 28, Township 21S, Range 26E, Eddy County, 1 mile of water line south of location.
4. Location of Tank Battery and Flow Lines - See Figure 2.
5. Drillsite Arrangement - See Figure 2. The surface of drillsite is fairly flat with a slight slope southwest rocky covered by cactus, mosquito, very little grass. There are no steep gullies, streams, or trees on location. Plan to caliche the location.
6. Method of Handling Waste - Garbage and trash burned in "burn pit" (see Figure 2) and later covered over. Cutting, drlg. mud in reserve pit which will be levelled and covered upon completion of well.
7. Plans Restoration of Surface - Area will be completely levelled, cleaned of all junk accumulated.

F. NAGAN & HANAGAN
3 - N. Carlsbad
sec. 21 - T.21 S. - R. 26 E.
2310 fr. SL & 1980 fr. EL
EDDY Co, N. Mex.

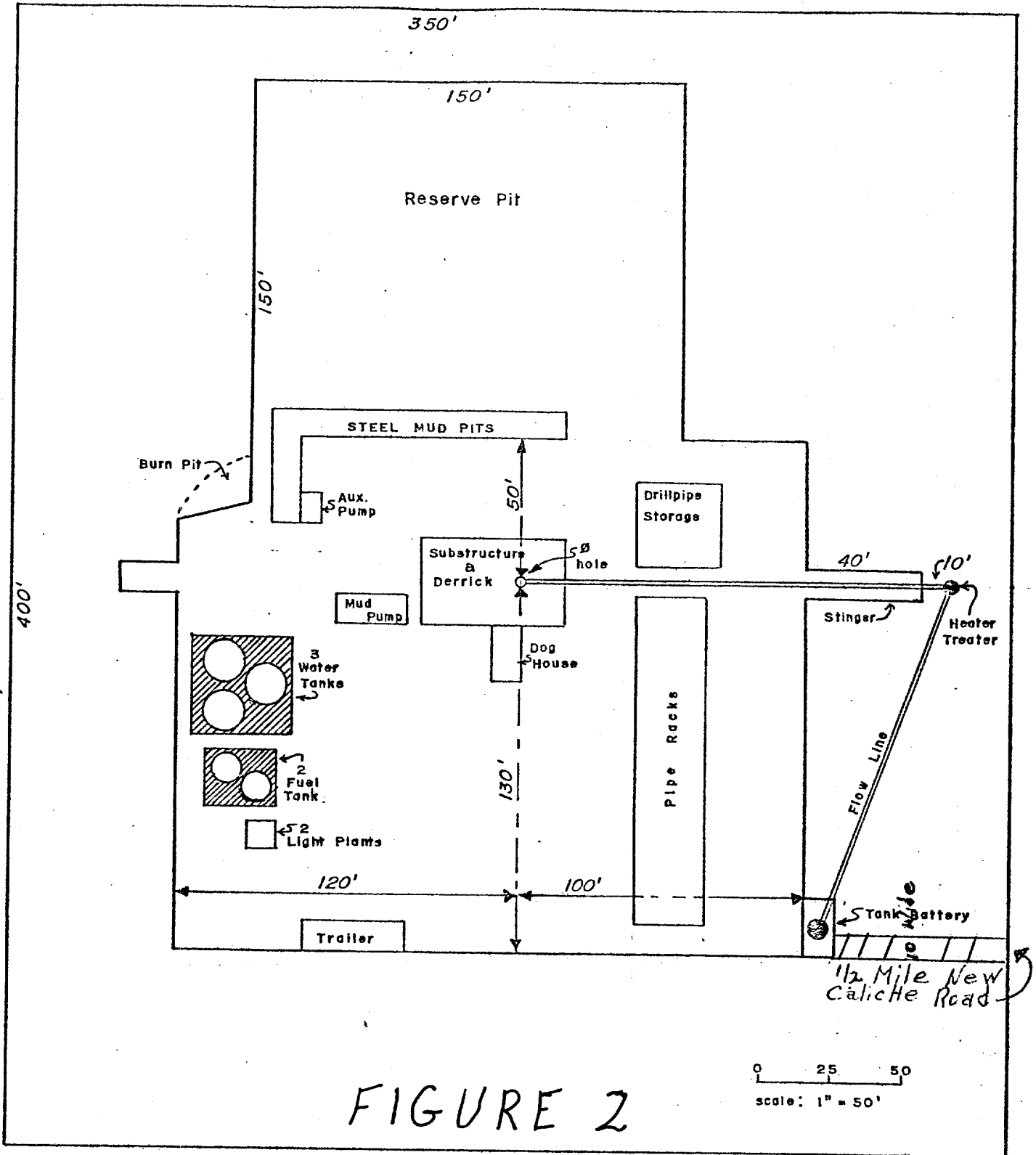
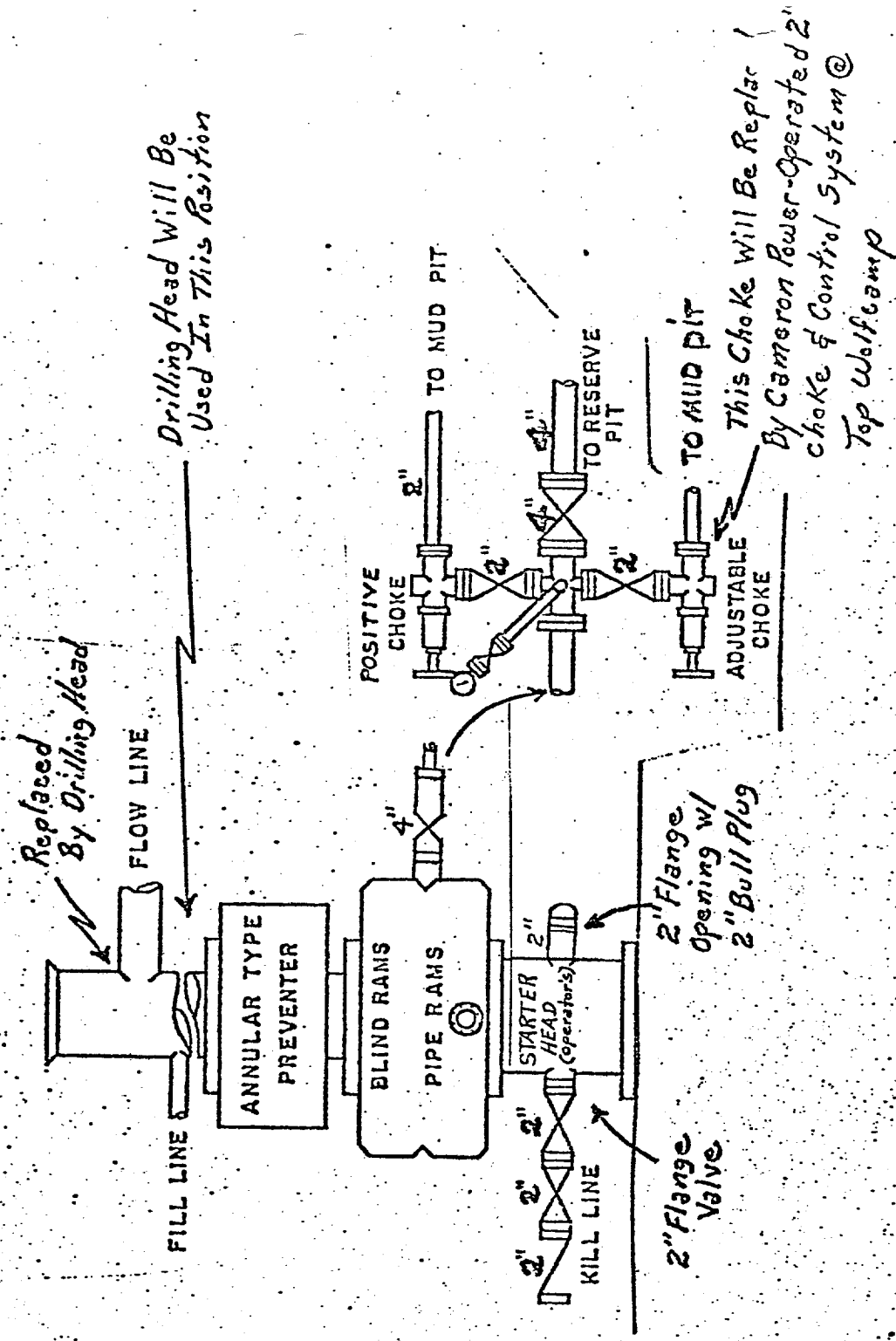


FIGURE 2

Hanagan Petroleum Corporation
 North Carlsbad #3
 Sec. 21, T-21-S, R-26-E
 Eddy County, New Mexico



Moenaco Standard Bop and Choke Assembly
 Revised By HPC
 For Res 3, 7, & 8
 1500 Series
 5/20/75