

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)  
NM OIL CONS. COMMISSION  
Drawer DD  
Artesia, NM 88210

Form approved.  
Budget Bureau No. 42-R1425.

c/87

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-38636	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR WORTH PETROLEUM COMPANY		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. BOX 17406, FORT WORTH, TEXAS 76102		8. NAME OR LEASE NAME AMOCO FEDERAL	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 2310' FSL AND 1681' FEL OF SECTION 27		9. WELL NO. 3	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 16 AIR MILES SOUTH-SOUTHEAST OF MALAGA, NEW MEXICO		10. FIELD AND POOL, OR WILDCAT UNDES. BRUSHY DRAW CHERRY CANYON	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1681'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 27, T. 26 S., R. 29 E.	
16. NO. OF ACRES IN LEASE 1318.02		12. COUNTY OR PARISH EDDY	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE NEW MEXICO	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1500'		20. ROTARY OR CABLE TOOLS ROTARY	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 2868 GR		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
12-1/4"	8-5/8"	24#	450'
7-7/8"	5-1/2"	14#	5200'
		QUANTITY OF CEMENT SUFFICIENT TO CIRCULATE SUFFICIENT TO FILL TO BASE SALT	

PRODUCING ZONE WILL BE PERFORATED AND STIMULATED AS NECESSARY.

SEE ATTACHED FOR: SUPPLEMENTAL DRILLING DATA  
BOP SKETCH  
SURFACE USE AND OPERATIONS PLAN  
OPERATOR-LAND OWNER AGREEMENT



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. Arthur R. Brown Agent for  
SIGNED Arthur R. Brown TITLE WORTH PETROLEUM COMPANT DATE JULY 15, 1983

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY DA Lopez TITLE \_\_\_\_\_ DATE 7/28/83

CONDITIONS OF APPROVAL, IF ANY:

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

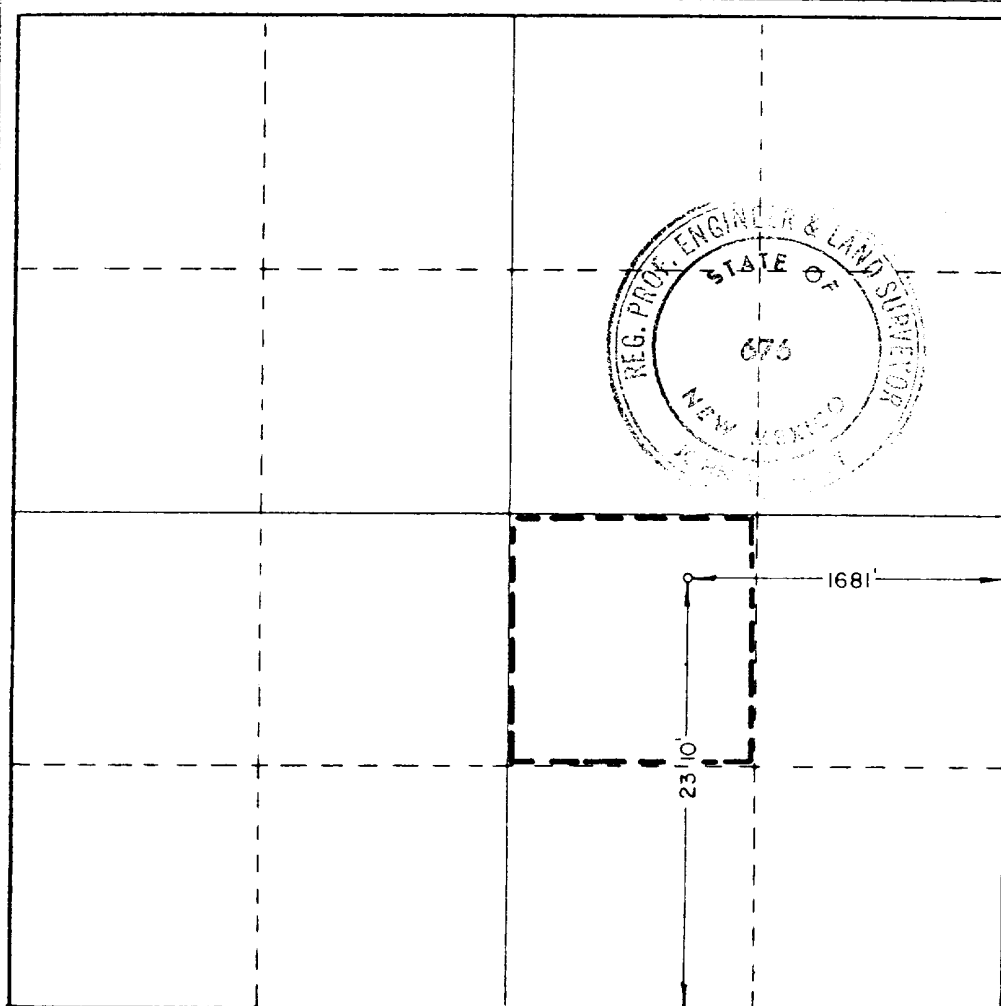
Operator <b>Worth Petroleum Company</b>			Lease <b>Amoco Federal</b>			Well No. <b>3</b>		
Grid Letter <b>J</b>	Section <b>27</b>	Township <b>26 South</b>	Range <b>29 East</b>	County <b>Eddy County</b>				
Actual Footage Location of Well:								
2310 feet from the <b>South</b> line and			1681 feet from the <b>East</b> line					
Ground Level Elev. <b>2868.0</b>	Producing Formation <b>CHERRY CANYON</b>		Pool <b>UNDES. BRUSHY DRAW CHERRY CANYON</b>			Dedicated Acreage: <b>40</b> 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.

*Arthur R. Brown*  
Name  
**Arthur R. Brown**

Position  
**Agent**

Company  
**WORTH PETROLEUM COMPANY**

Date  
**JULY 15, 1983**

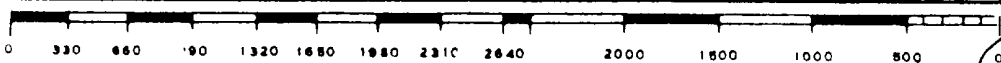
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

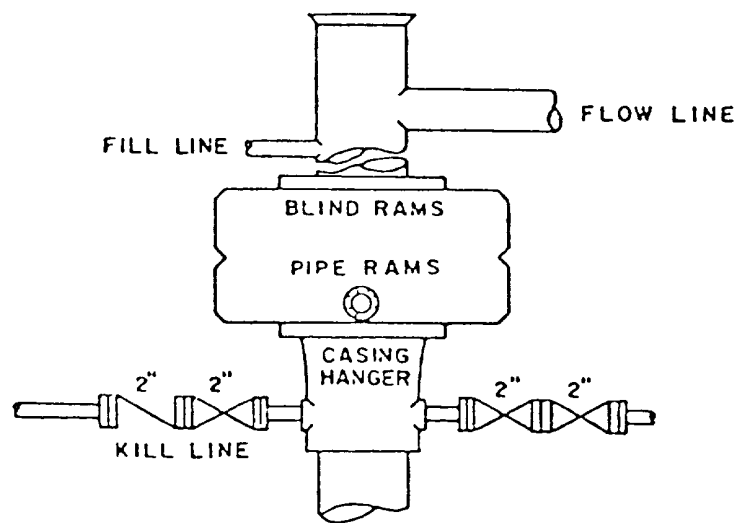
Date Surveyed  
**July 6, 1983**

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. **JOHN W. WEST, 676**  
**RONALD J. EIDSON, 3239**





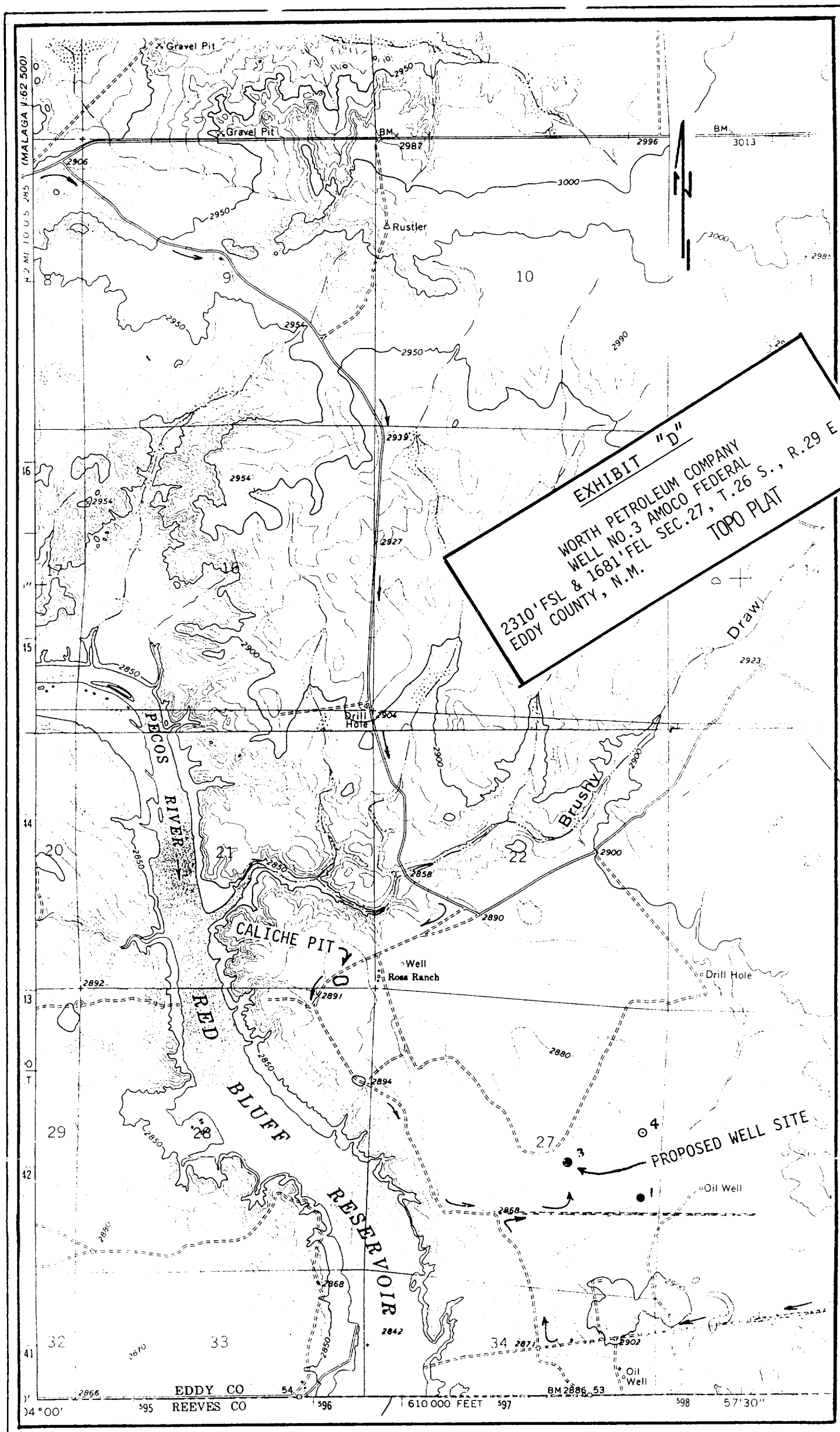
BOP STACK

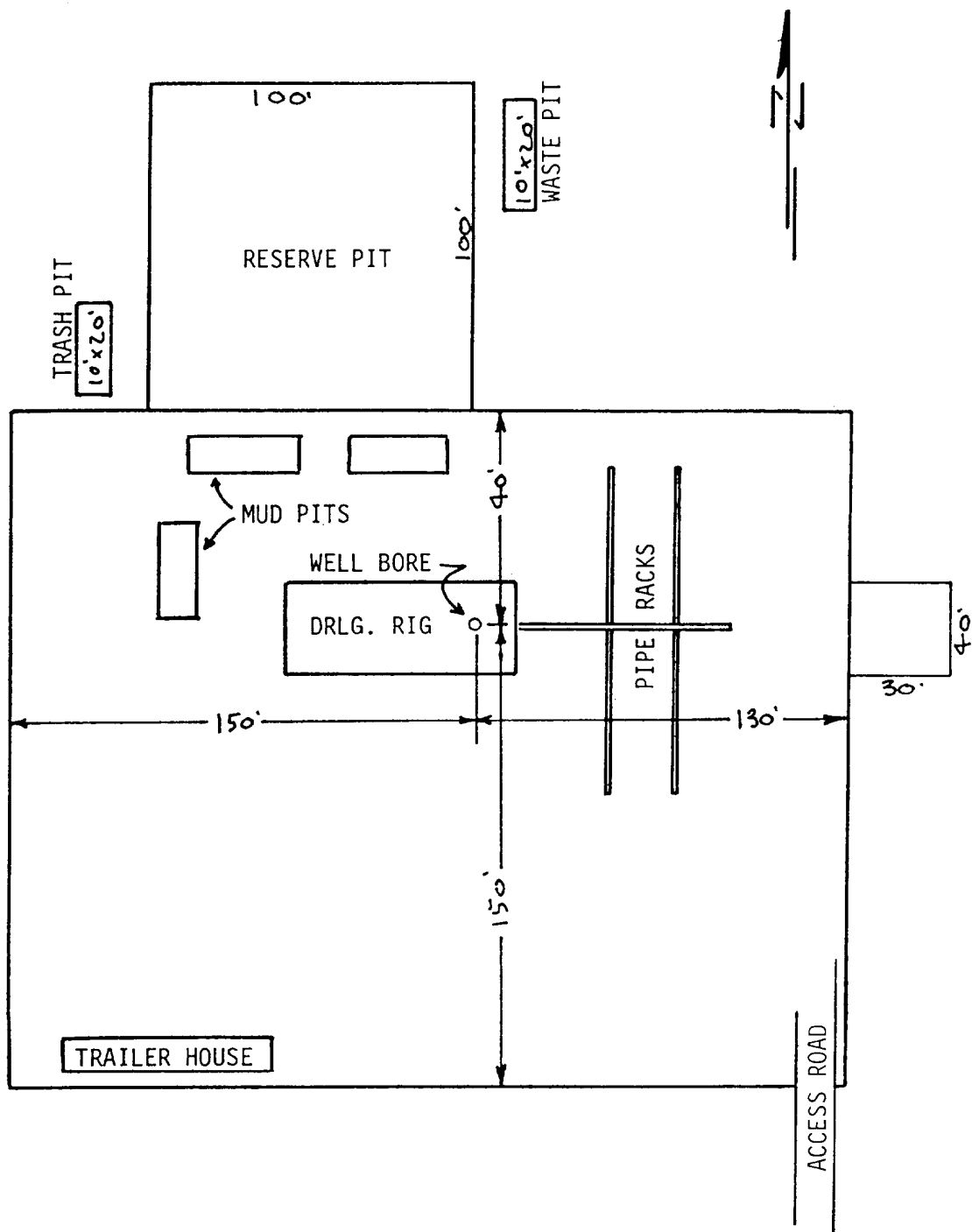
3000 PSI WORKING PRESSURE

DEPTH INTERVAL

FROM 8-5/8" CASING SEAT TO TOTAL DEPTH

BOP ARRANGEMENT





### EXHIBIT "C"

WORTH PETROLEUM COMPANY  
WELL NO.3 AMOCO FEDERAL

DRILLING RIG LAYOUT  
SCALE: None

ARTHUR R. BROWN  
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Home (505) 392-5642

**PETROLEUM**  
**ENGINEERING & REGULATORY**  
**SERVICES**

JAMES A. KNAUF  
1501 W. Missouri  
Artesia, New Mexico 88210  
Phone (505) 746-4138

101 E. Marland, Suite 105  
Hobbs, New Mexico 88240

July 11, 1983

Bureau of Land Management  
Minerals Section  
P. O. Box 1397  
Roswell, New Mexico 88201

Gentlemen:

This is to advise that Worth Petroleum Company has contacted J.G. Ross, the surface owner, concerning surface restoration after completion of drilling operations at well No. 3 Amoco Federal, located in the NW $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 27, T.26 S., R.29 E., Eddy County, New Mexico, lease NM-38636.

Work to be done after completion of drilling operations is as follows:

If the well is completed for production, the well location will be cleaned up, and the drilling pits will be filled as soon as they are dry.

If the well is plugged and abandoned, all pits will be filled and levelled, the location will be cleaned up, and the well pad and access road will be left in place.

Sincerely,



Arthur R. Brown, Agent for  
WORTH PETROLEUM COMPANY

ARB/bb