

N. M. O. C. C. COP  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE  
(Other Instr. 3 OR  
REVERSE SIDE)Form approved,  
Budget Bureau No. 42-R1425.

30-015-21801

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		2. LEASE DESIGNATION AND SERIAL NO. <b>NM 1361</b>	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		3. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR <b>R. M. Richardson</b>		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR <b>P. O. Box 891 - Roswell, NM 88201</b>		8. FARM OR LEASE NAME <b>CC Tank Unit Federal</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface <b>1980' FNL &amp; 1380' FWL of Sec. 8-20S-24E</b> At proposed prod. zone		9. WELL NO. <b>2</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>12 miles SW of Lakewood, NM</b>		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>660</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 8-20S-24E</b>	
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH	
17. NO. OF ACRES ASSIGNED TO THIS WELL		13. STATE	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		14. COUNTY OR PARISH	
19. PROPOSED DEPTH <b>Approx 9000'</b>		15. STATE	
20. ROTARY OR CABLE TOOLS <b>Rotary</b>		16. COUNTY OR PARISH	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>3885 GR</b>		17. STATE	
22. APPROX. DATE WORK WILL START* <b>May 15, 1976</b>		18. COUNTY OR PARISH	

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
1 7/8"	13-3/8"	48#	Approx 200'	Circulate
12 1/4" - 11"	8-5/8"	24#	" 1000'	Circulate
7-7/8"	5 1/2 or 4 1/2"	15.5-17# or 10.5-11.6#	" 9000'	250 sacks

Propose to drill and test the Morrow and intermediate horizons. Approx. 200' of surface casing will be set to shut off gravel and cavings, and intermediate casing will be set 100' below the Artesian Water Zone. If commercial, 5 1/2 or 4 1/2" casing will be run, cemented and perforated. Pay will be stimulated as needed for production.

Mud Program: - Gel & LCM to 1000', water to 5000', LCM water to 7500' and Lo Fluid loss mud to TD.

EOP Program: - BOP's (and Hydril) will be installed on 8-5/8" casing and tested daily.

*Acusage not dedicated*

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 R. M. Richardson TITLE \_\_\_\_\_ DATE 4-1-76  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDICTIONAL APPROVAL, IF ANY: \_\_\_\_\_

\*See Instructions On Reverse Side

N. M. O. C. C.  
ALBUQUERQUE, 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.

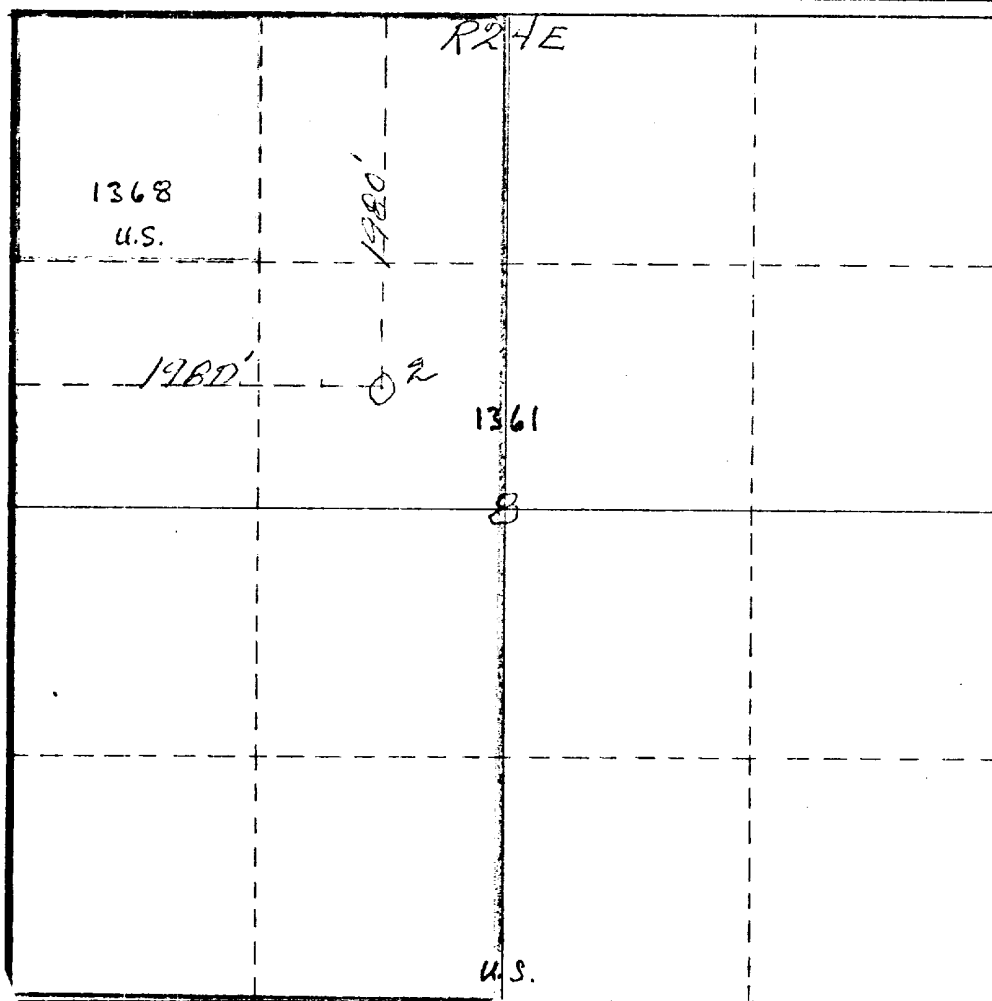
Operator <i>Randy Richardson</i>		Lease <i>cc tank unit</i>		Well No. <i>2</i>	
Unit Letter <i>F</i>	Section <i>8</i>	Township <i>20 South</i>	Range <i>24 East</i>	County <i>Eddy</i>	
Actual Footage Location of Well: <i>1980</i> feet from the <i>North</i> line and <i>1980</i> feet from the <i>West</i> line					
Ground Level Elev. <i>3885</i>	Producing Formation <i>Morrow</i>	Pool <i>Undesignated</i>	Dedicated Acreage: <i>320</i> Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 *Being 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**  
NEW MEXICO

I, *R. M. Richardson*, certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name  
*R. M. Richardson*

Position  
*Operator*

Company  
*An Individual*

Date  
*3-31-76*

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  
*March 31st 1976*

Registered Professional Engineer and/or Land Surveyor  
*James H. Brown*

Continuation No.  
*542*

330 660 90 1320 1650 1980 2310 2640 2000 1500 1000 500 0



R. M. Richardson --

P. O. Box 819 - Roswell, NM 88201

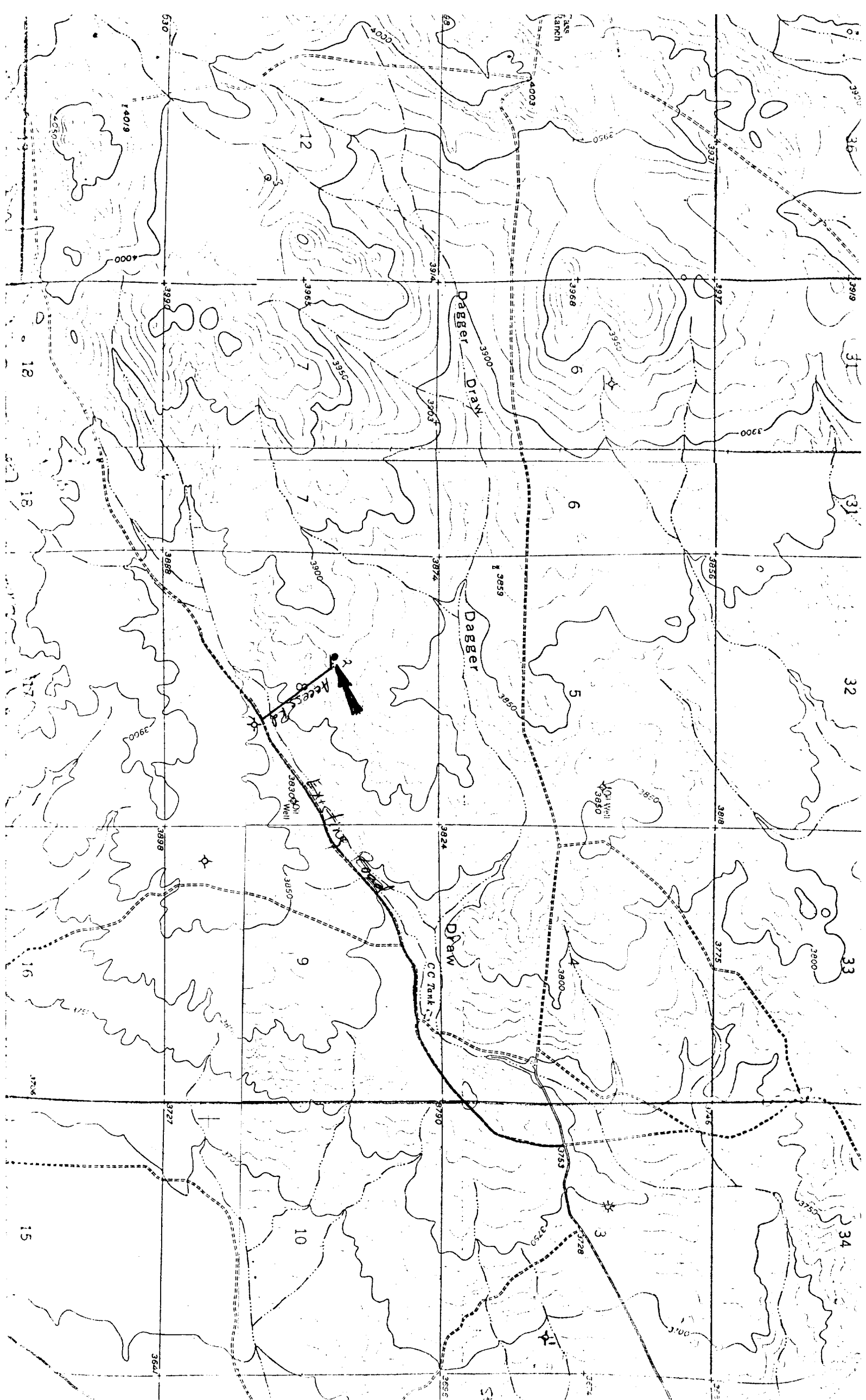
CC Tank Unit No. 2 Federal

1980' FNL & 1980' FWL of Section 8-20S-24E

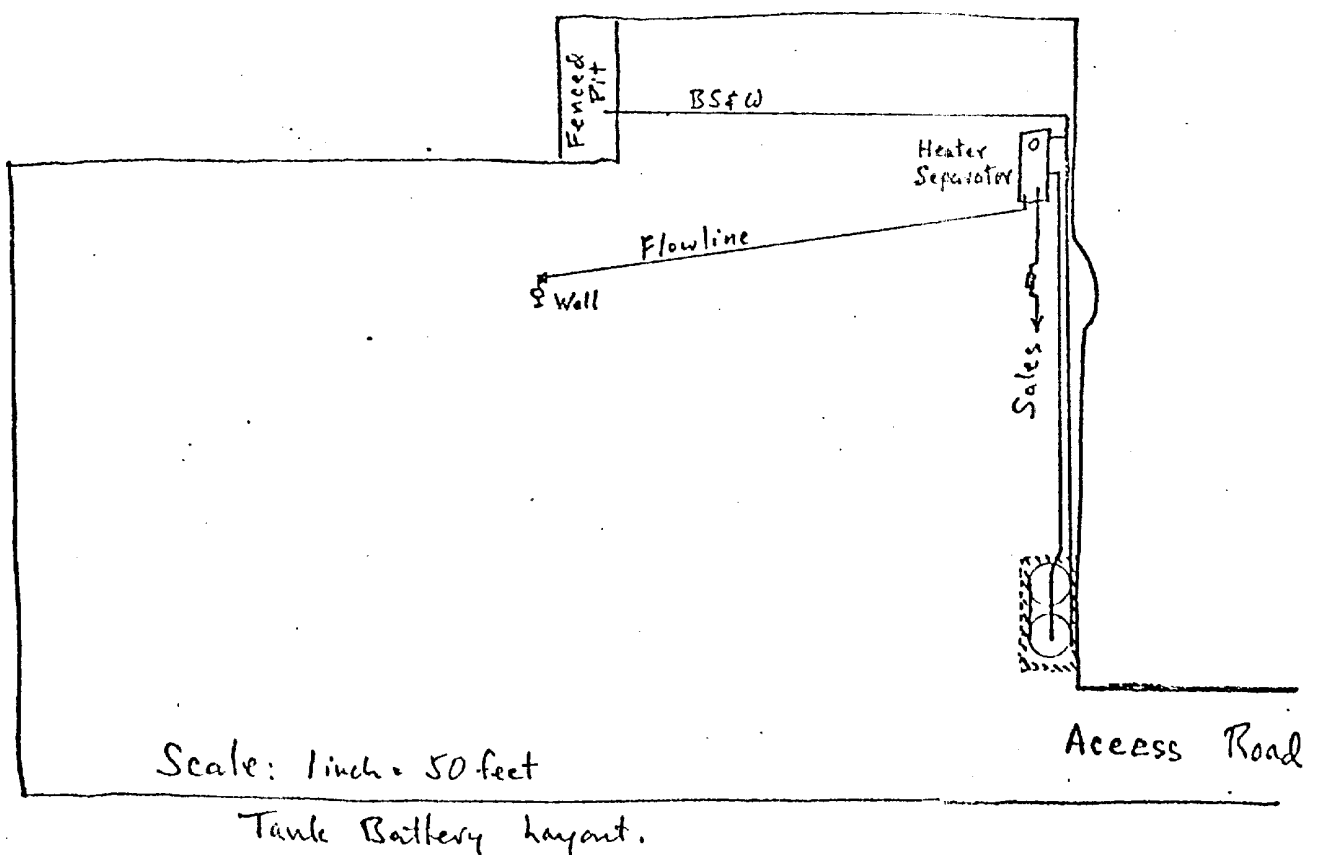
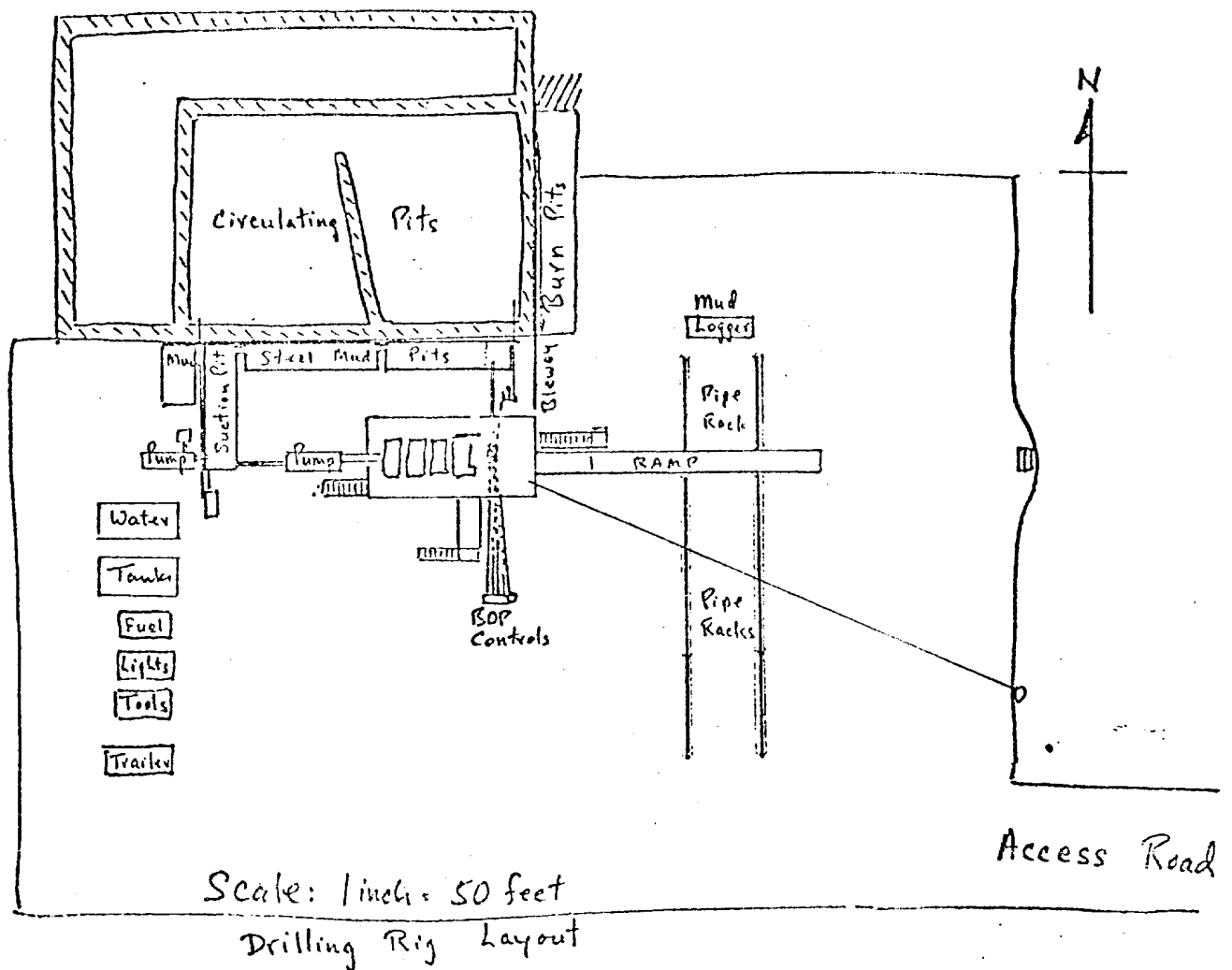
Eddy County, New Mexico

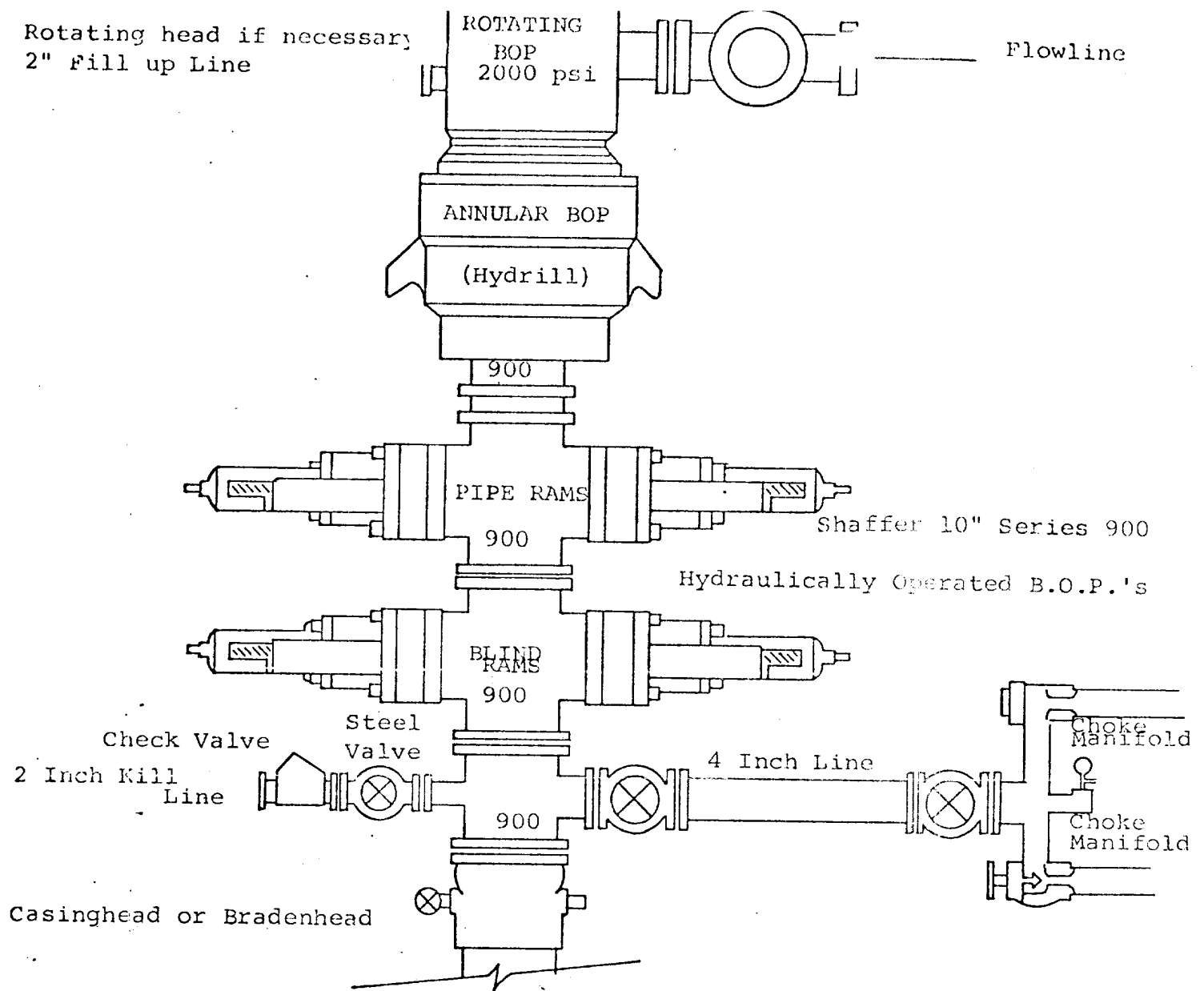
Development plan to accompany "APPLICATION TO DRILL", Federal Lease.  
12-Point Plan.

1. EXISTING ROADS: See Plat (Exhibit A) Ranch road bladed partly county maintained; Operator will caliche or maintain where needed.
2. PLANNED ACCESS ROADS: See Plat (Exhibit A) Northwest across draw and up rock ground to location, least new road-building
3. LOCATION OF WELLS: See Plat (Exhibit A) Exploration well in Federal Unit Area.
4. LATERAL ROADS TO LOCATION: See Plat (Exhibit A) First well in Unit area, no lateral roads planned at this time.
5. LOCATION OF TANK BATTERY & FLOWLINES: See Plat (Exhibit C) On east side of pad, near access road.
6. LOCATION & TYPES OF WATER SUPPLY: See Plat (Exhibit A) Drilling water will be trucked from available drilling water supply.
7. METHODS FOR HANDLING WASTE DISPOSAL: See Sketch (Exhibit C) Mud in reserve pits, waste and engine oil in trash pit.
8. LOCATION OF CAMPS: Not Applicable.
9. LOCATION OF AIRSTRIPS: Not Applicable.
10. LOCATION LAYOUT (rig, tanks, pits, racks, etc): See Sketch (Exhibit C)
11. PLANS FOR RESTORATION OF SURFACE: Pits to be fenced until dry then leveled. Upon abandonment, surface to be cleaned and smoothed to near original.
12. OTHER ENVIRONMENT INFORMATION: Hilly terrain with prairie grass, greasewood cactus and yellow tops, rocky ground, eroded drainage patterns, least disturbance of BLM surface and grazing rights protected to satisfaction of rancher - Mr. Lovd Foster.
13. Company representative will be Eddie Mahfood - P. E. c/o Yates Petroleum Corporation - Phone # 746-3558 A/C 505



R. M. Richardson P.O. Box 891 Roswell N. Mex  
 CC Tank Unit No. 2 Federal  
 1480 FWL 1480 FWL Sec 8-20s-24E, Eddy County





THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

1. All preventers to be hydraulically operated with secondary manual controls installed prior to drilling out from under casing.
2. Choke outlet to be a minimum of 4" diameter.
3. Kill line to be of all steel construction of 2" minimum diameter.
4. All connections from operating manifolds to preventers to be all steel hole or tube a minimum of one inch in diameter.
5. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.
6. All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.
7. Inside blowout preventer to be available on rig floor.
8. Operating controls located a safe distance from the rig floor.
9. Hole must be kept filled on trips below intermediate casing. Operator not responsible for blowouts resulting from not keeping hole full.
10. D. P. float must be installed and used below zone of first gas intrusion.