

Form approved. *C/S*
Budget Bureau No. 1004-0136
Expires August 31, 1985

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐			7. UNIT AGREEMENT NAME 		
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐			8. FARM OR LEASE NAME Ronadero USA ☒		
2. NAME OF OPERATOR Fred F. Pool, III ☒			9. WELL NO. #1		
3. ADDRESS OF OPERATOR 5 Summer Wind Place, Roswell, NM 88201			10. FIELD AND POOL, OR WILDCAT Ute, Square Lake North/Grbg/S.A.		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) 1880' FSL & 1830' FWL At proposed prod. zone Same			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, T16S, R31E		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 8.75 miles NW of Maljamar, New Mexico			12. COUNTY OR PARISH Eddy		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'			16. NO. OF ACRES IN LEASE 160		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None			17. NO. OF ACRES ASSIGNED TO THIS WELL 40		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4085' GR			22. APPROX. DATE WORK WILL START* July 1, 1984		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8 "	24#	350'	350 sx or suff. to circ.
7 7/8"	5 1/2 "	15.5#	3900'	450 sx or suff. to circ.

Pool intends to drill this well to $\pm$ 3900' to evaluate the Queen, Grayburg, and San Andres formations.

Attachments: Survey Plat (C-102)
Supplemental Drilling Data
Surface Use Plan

Mud Program: See Exhibit D

BOP Program: A Shaffer 900 double 10", type F, BOP will be used, along with a Regan Annular type, (see Exhibit E)

Post ID-1
8-3-84
APT + BK

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 Fred F. Pool, III TITLE Operator DATE 6-8-84
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 _____ AREA MANAGER
 _____ CARLSBAD RESOURCE AREA
 APPROVED BY: _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY: _____
 DATE 7-25-84
 APPROVAL SUBJECT TO _____

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

***See Instructions On Reverse Side**

All distances must be from the outer boundaries of the Section.

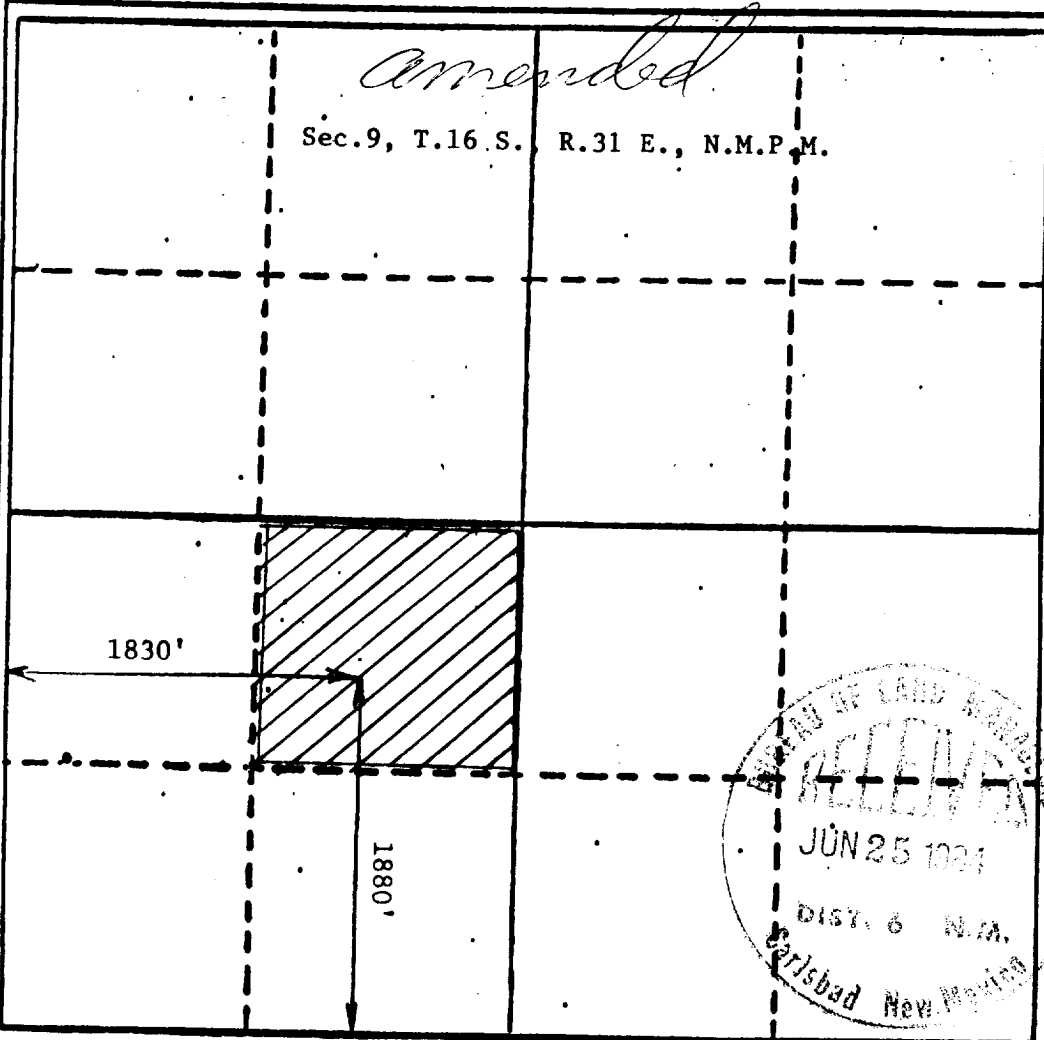
Operator Fred F. Pool, III		Lease <i>Ronald</i> USA 9 Federal		Well No. #1
Unit Letter K	Section 9	Township 16 South	Range 31 East	County Eddy
Actual Section Location of Well 1880 feet from the South line and 1830 feet from the West line				
Ground Level Elev. 4085	Producing Formation QN/GRBG/SA	Pool Square Lake North	Dedicated Acreage 40	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plot below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to work 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 communization, 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 communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Fred F. Pool, III

Name
FRED F. POOL, III
Position
OWNER
Company

Date
6-22-84

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

JOHN D. JAQUES
Date Examined
May 23, 1984
Registered Professional Engineer
and State Surveyor
J. D. & I.
Conservation and Protection
6290

All distances must be from the outer boundaries of the Section.

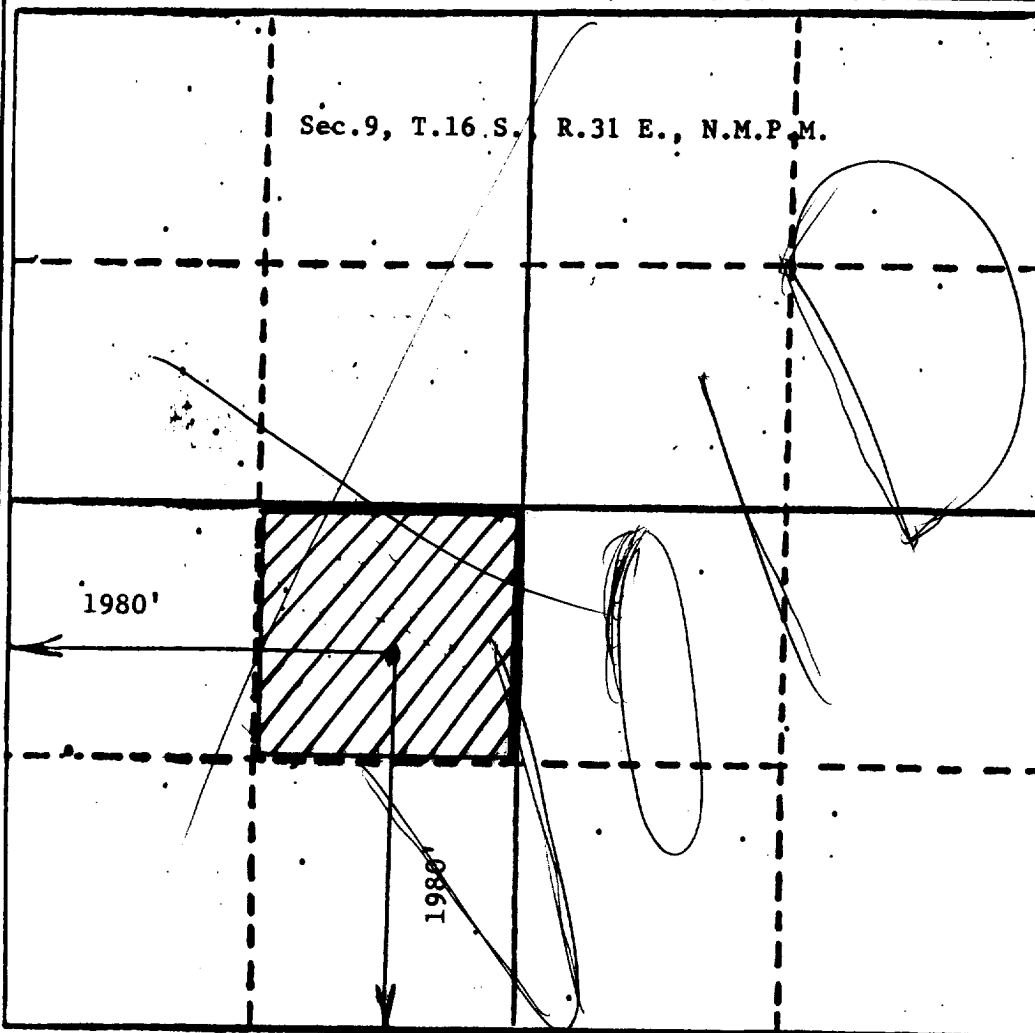
Operator Fred F. Pool, III		Lease USA 9 Federal		Well No. #1
Unit Letter K	Section 9	Township 16 South	Range 31 East	County Eddy
Actual Footage Location of Well 1980 feet from the South line and 1980 feet from the West line				
Ground Level Elev. 4085	Producing Formation QN/GRBG/SA	Pool Square Lake North		Dedicated Area 40 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 Division



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Fred F. Pool, III

Name

Fred F. Pool, III

Position

Owner

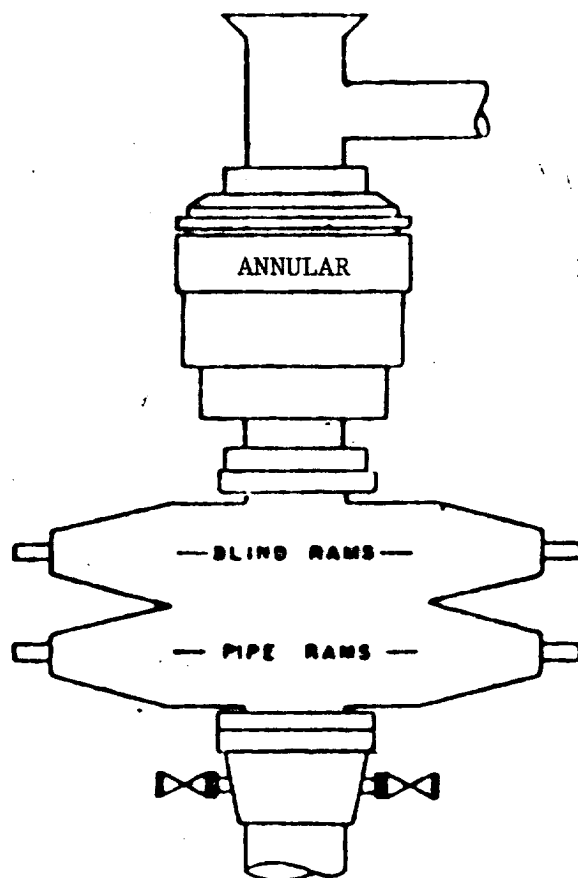
Company

Date

6-8-84

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.

J. O. JAQUES
Date Surveyed
May 22, 1984
Registered Professional Engineer
and State Surveyor
J. O. JAQUES & L.S.
Certification No. 6290



REGAN TORUS ANNULAR TYPE

SHAFFER TYPE F
DOUBLE RAM
SERIES 900

BLOWOUT PREVENTER STACK - 3000 psi W.P.

EXHIBIT E
Fred F. Pool, III
Ronadero USA 9-#1
1980' FSL & 1980' FWL
Section 9, T16S, R31E
Eddy County, New Mexico

SUPPLEMENTAL DRILLING DATA

Fred F. Pool, III
Ronadero USA 9-#1 Well
1980' FSL & 1980' FWL
Section 9, T16S, R31E
Eddy County, New Mexico

In conjunction with Form 3160-3 (formerly Form 9-331C), Application for Permit to Drill subject well, Fred F. Pool, III submits the following ten items of pertinent information in accordance with USGS requirements:

1. The geologic surface formation is quaternary.
2. The estimated tops of geologic markers are as follows:

Top Salt	900'
Base Salt.	1850'
Yates	2025'
Seven Rivers	2395'
Queen.	2723'
Penrose.	3008'
Premier.	3430'
Lovington Sand	3570'

3. The anticipated depths at which anticipated water, oil, or gas bearing formations are expected to be encountered:

Water: approximately 265'

Oil or Gas: Queen - approximately 2723'
Penrose - approximately 3008'
Premier - approximately 3440'
Lovington Sand - approximately 3570'

4. Proposed Casing Program: see Form 3160-3
5. Pressure Control Equipment: see Exhibit E
6. Mud Program: see Exhibit D
7. Auxiliary Equipment: master valve on BOP
8. Testing, Logging, and Coring Programs:

No Drill Stem Tests are planned.
No Coring is planned.

Logging: Mud logging unit from 2500' to T.D.

Electric Log Program: Neutron Porosity Log
Dual Latero-log

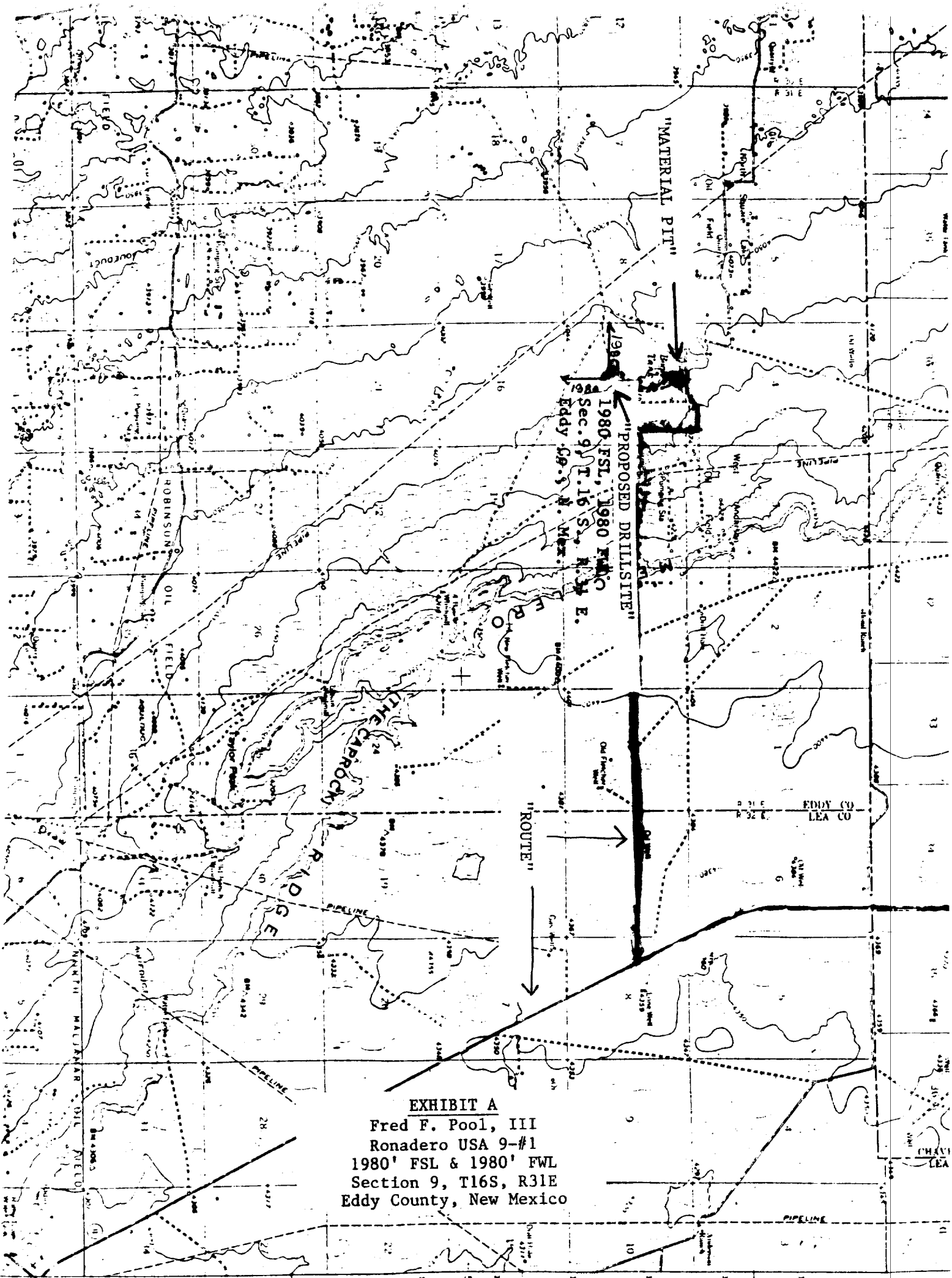


EXHIBIT A

Fred F. Pool, III
Ronadero USA 9-#1
1980' FSL & 1980' FWL
Section 9, T16S, R31E
Eddy County, New Mexico

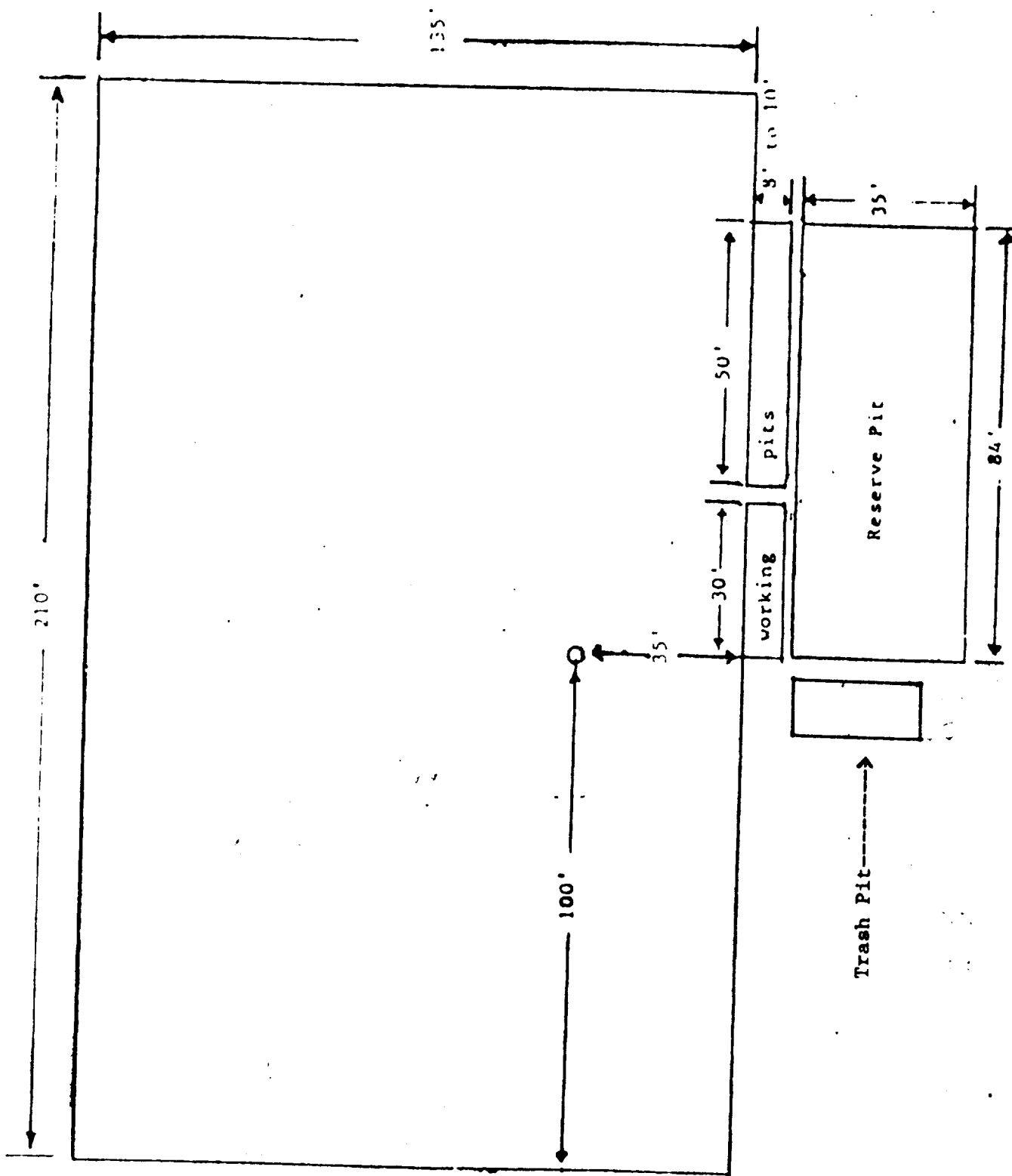


EXHIBIT C
 Fred F. Pool, III
 Ronadero USA 9-#1
 1980' FSL & 1980' FWL
 Section 9, T16S, R31E
 Eddy County, New Mexico