

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYNM OIL CONS. COMMISSION
Artesia, NM 88210
30-005-61855
DESIGNATION AND SERIAL NO.
NM-4433

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 ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐			8. FARM OR LEASE NAME		
2. NAME OF OPERATOR ELK OIL COMPANY ✓			Yates Federal Comm.		
3. ADDRESS OF OPERATOR P. O. BOX 310, ROSWELL, NEW MEXICO 88201			9. WELL NO. 1		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980 FNL, 1980 FWL At proposed prod. zone			10. FIELD AND POOL, OR WILDCAT Round Tank Assoc. Queen		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 24-15S-28E		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980			16. NO. OF ACRES IN LEASE 560		17. NO. OF ACRES ASSIGNED TO THIS WELL 160
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1600'			19. PROPOSED DEPTH 1600'		20. ROTARY OR CABLE TOOLS Cable Tools
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3717			22. APPROX. DATE WORK WILL START*		

23. PROPOSED CASING AND CEMENTING PROGRAM

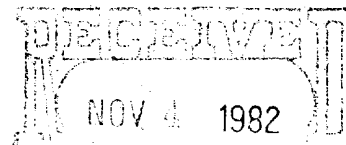
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10	8 5/8	20	300	150 sx CIRCULATE
8	4 1/2	10.5	1600	150 sx

Drill to approximately 1600' to test Queen formation.
Will use all existing roads, with approximately 500'
new roads.

Control head will be used.

RECEIVED

NOV 24 1982

O. C. D.
ARTESIA, OFFICEOIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, 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 President	DATE 11/4/82
(This space for Federal or State office use) (Orig. Sgd.) GEORGE H. STEWART			
PERMIT NO. NOV 24 1982	APPROVAL DATE		
APPROVED BY	TITLE	DATE	
CONDITIONS OF APPROVAL, IF ANY DISTRICT SUPERVISOR			

*See Instructions On Reverse Side

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.

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

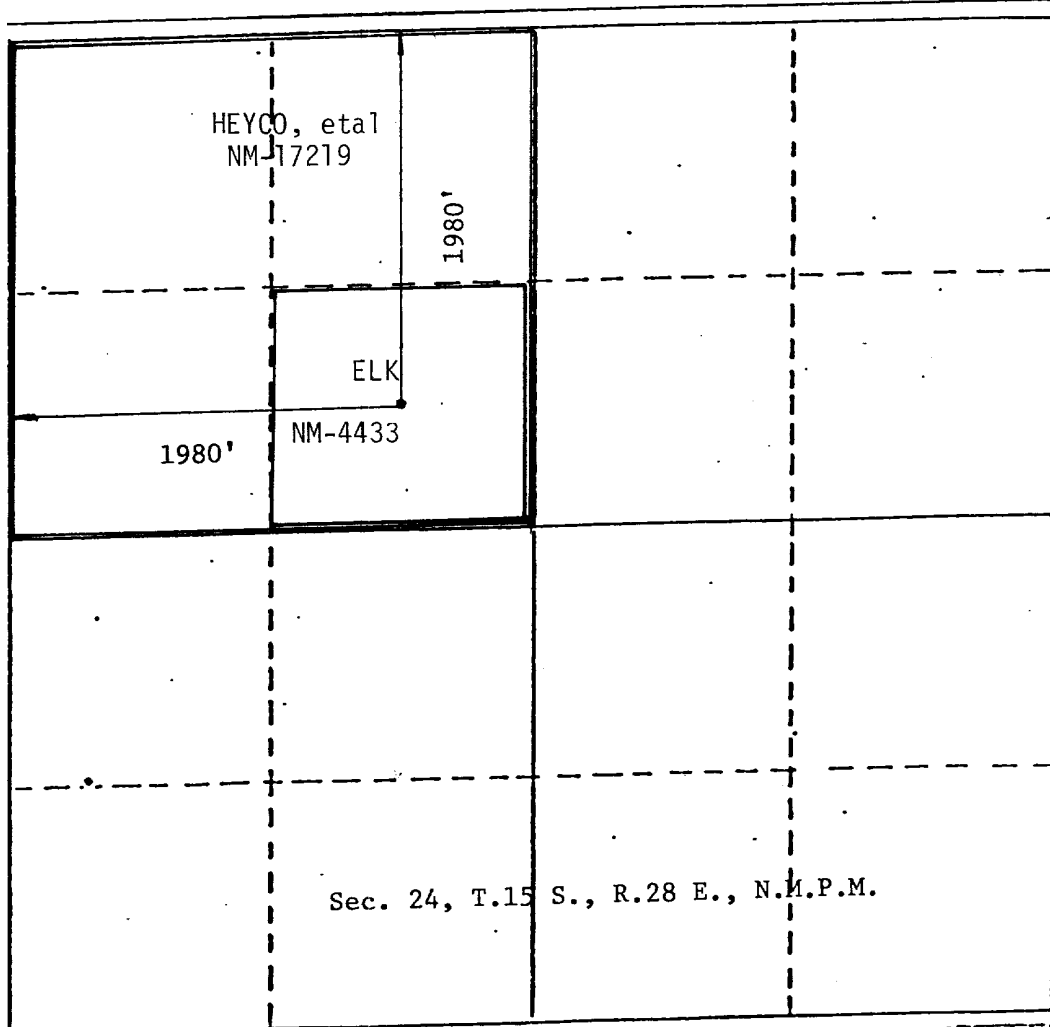
Operator Elk Oil Company			Lease Yates Com Federal		Well No. #1
Unit Letter F	Section 24	Township 15 South	Range 28 East	County Chaves	
Actual Well Location of Well:					
1980 feet from the North line and		1980 feet from the West line			
Ground Level Elev. 3717	Producing Formation Queen	Pool Und. Queen	Round Tank Associated		Dedicated Acreage: 160 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 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, force-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.

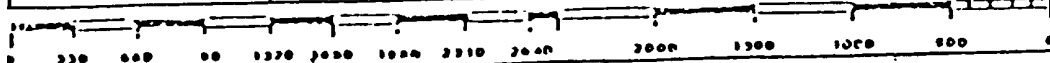
Name
Joseph J. Kelly
Position
President
Company
ELK OIL COMPANY
Date
11/4/82

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 Signed
October 28, 1982

Registered Professional Engineer and/or Land Surveyor

JOHN D. JACQUES
Professional Engineer & L.S.
Certificate No. **6290**

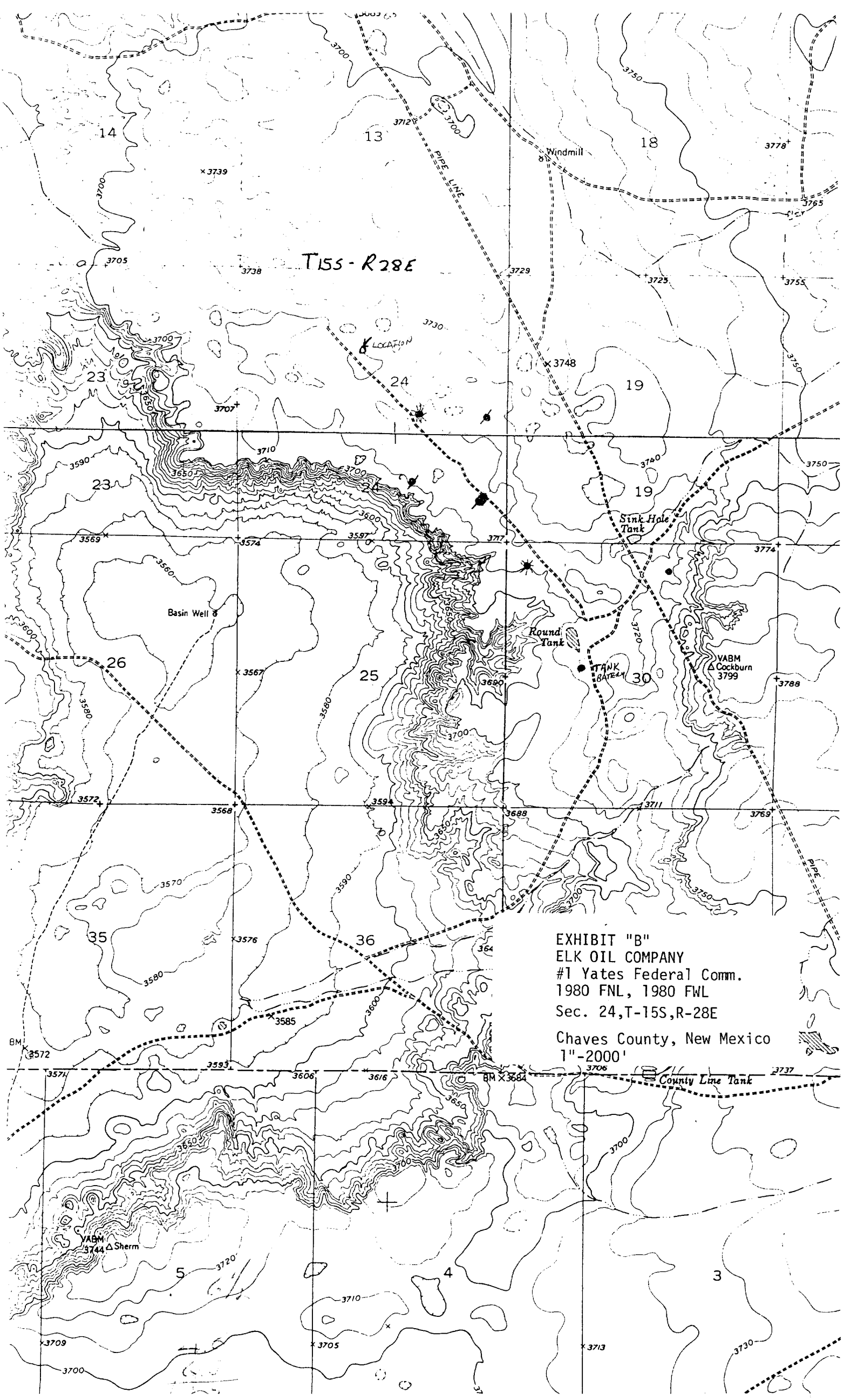


REQUIREMENTS
(NTL-6)

1. Location: 1980 FEL & 660 FSL, Section 19-15S-29E
2. Elevation: 3717 GRD
3. Geologic name of surface formation: Recent Alluvium of Quaternary age
4. Type of drilling rig and associated equipment: Cable Tool
5. Proposed drilling depth and objective formation: 1600' Queen
6. Estimated tops of geologic markers:

Yates <u>760</u>	San Andres <u></u>	Abo <u></u>
7-Rivers <u></u>	Glorieta <u></u>	Wolfcamp <u></u>
Queen <u>1500</u>	Tubb <u></u>	<u></u>
7. Estimated depths of any oil, water, or gas: 1500'
- 8-9. Proposed casing program:

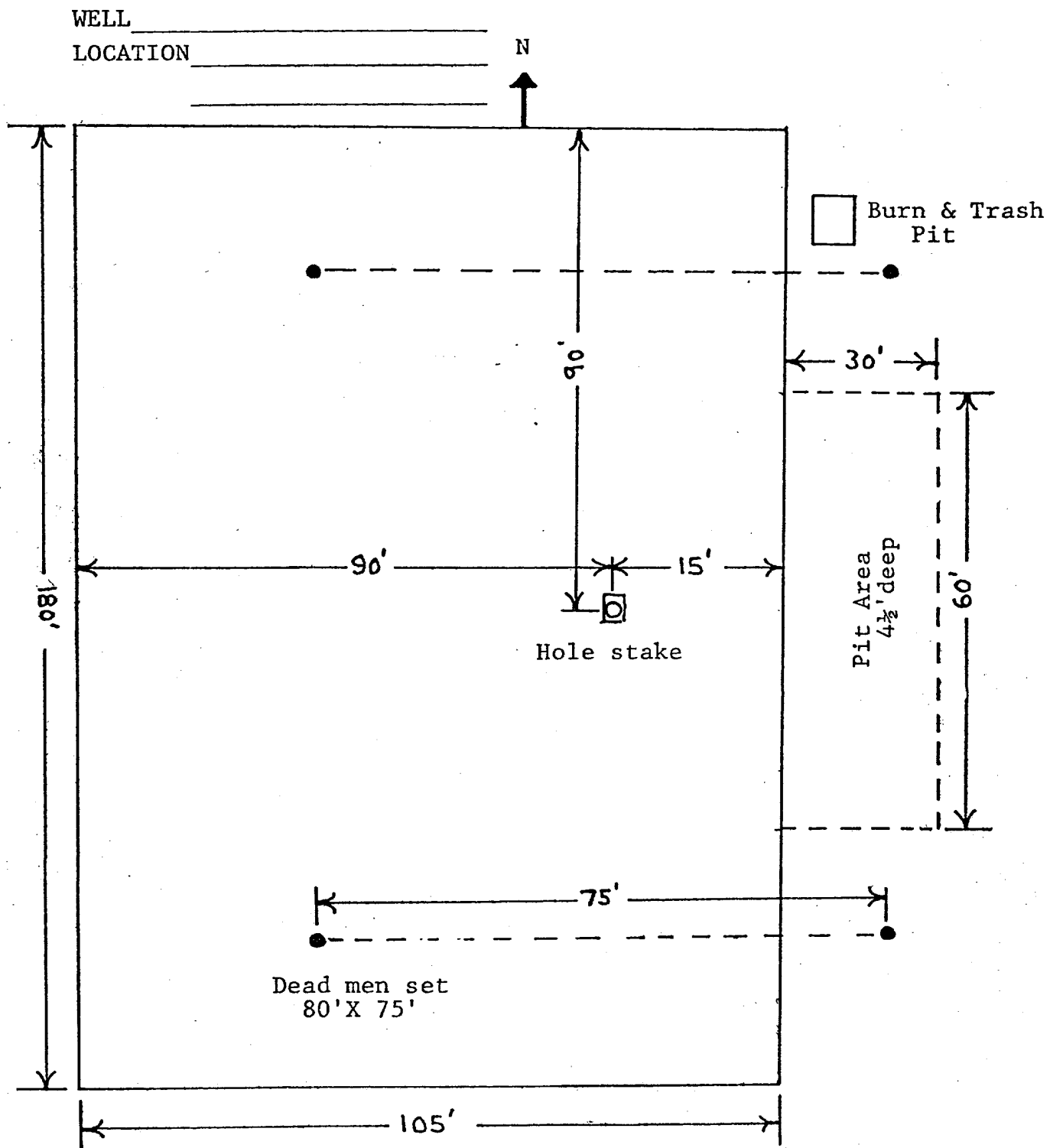
<u>8 5/8"</u>	@ <u>300</u>	' Grade <u>H</u>	Wt. <u>20</u>	Type Cement <u>Class C</u>
<u>4 1/2"</u>	@ <u>1600</u>	' Grade <u>K</u>	Wt. <u>9.5</u>	Type Cement <u>Class C</u>
<u></u>	@ <u></u>	' Grade <u></u>	Wt. <u></u>	Type Cement <u></u>
10. Specifications for pressure control equipment and testing procedures: Cable Tool, Control Head
11. Type and characteristics of drilling fluids: Native Mud
12. Testing, logging, and coring programs: 2 hr drill test and each show
of oil, gas or water. Gamma Ray Neutron Log
13. Anticipated abnormal pressures or temperature: None
14. Anticipated commencement and completion date: November 20- December 20
15. Other pertinent information: None



T15S-R28E

EXHIBIT "B"
ELK OIL COMPANY
#1 Yates Federal Comm.
1980 FNL, 1980 FWL
Sec. 24,T-15S,R-28E
Chaves County, New Mexico
1"-2000'

County Line Tank



CABLE TOOL LOCATION PLAT

EXHIBIT "D"
ELK OIL COMPANY
#1 Yates Federal Comm.
1980 FNL, 1980 FWL
Sec. 24, T-15S, R-28E
Chaves County, New Mexico