

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

Room 711, Phillips Building, Odessa, Texas 79761

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

At surface

(Unit C) 660' FN, 1980' FW

At proposed prod. zone

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

14 miles NW of Crossroads, New Mexico

16. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. line, if any)

660' FN

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1320'

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

4550

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Advise later

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	QUANTITY OF CEMENT
11"	8 5/8"	28.55# X-42	400' (400 sx Class H w/2% Ca Cl ₂ & 1# Flocele/sx	
7 7/8"	4 1/2"	10.79# X-42	4550' (250 sx TRLW w/10% OD & 7.5# sx salt) sx	
			plus 300 sx Class H	

Use mud additives as required for control - detailed in separate report.

BOP Equipment: Series 900 as per Phillips' Figure 7 drawing attached which includes choke manifold, fill-up connection, kill line and emergency kill line.

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.

SIGNED

W. J. Mueller

TITLE Engineering Advisor

DATE 1-5-76

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVAL DATE

AS AMENDED

JAN 28 1976

ARTHUR R. BROWN

DISTRICT ENGINEER

*See Instructions On Reverse Side

4-28-76

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

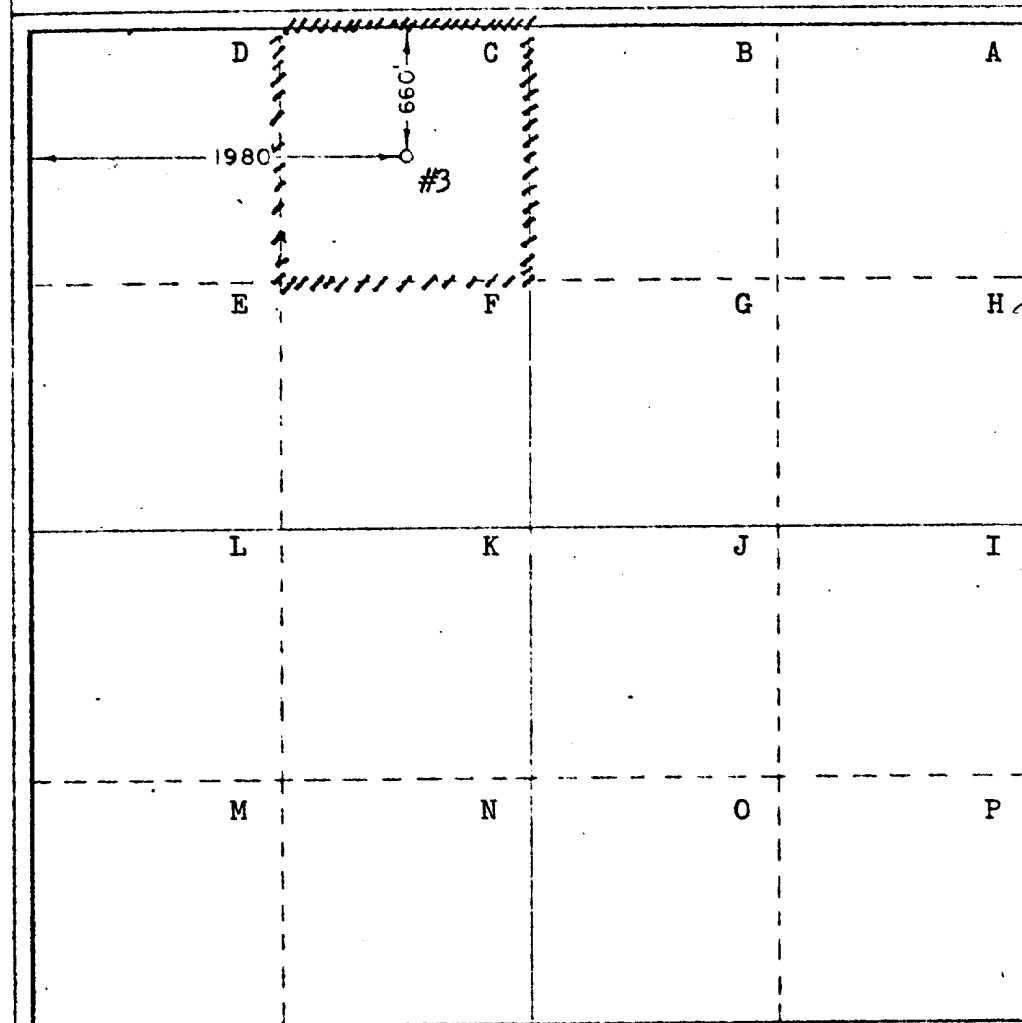
Operator Phillips Petroleum Company		Lease Davis "N"		Well No. 3
Unit Letter C	Section 18	Township 8 South	Range 33 East	County Chaves
Actual Well Location of Well:				
660	feet from the	North	line and	1980
				feet from the
				West
Ground Level Elev. 4431.6	Producing Formation San Andres		Foot Chaveroo San Andres	Dedicated Acreage 40

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 _____

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.

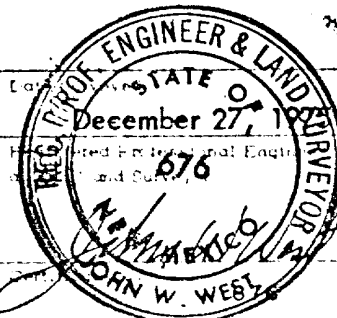
Name
W. J. Mueller

Position
Engineering Advisor

Company
Phillips Petroleum Company

Date
January 8, 1976

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.



0 330 660 990 1320 1650 1980 2310 2640 2000 1800 1600 1400 1200 1000 800 600 400 200 0

PHILLIPS PETROLEUM COMPANY

Odessa, Texas

December 15, 1975

In re: Proposed Mud Program - Davis-N Well No. 3, San Andres Test
Section 18, T-8-S, R-33-E, Chaves County, New Mexico

Surface: 400' of 8-5/8"

Spud with Bentonite, lime and Flosal* mixed to a high viscosity.

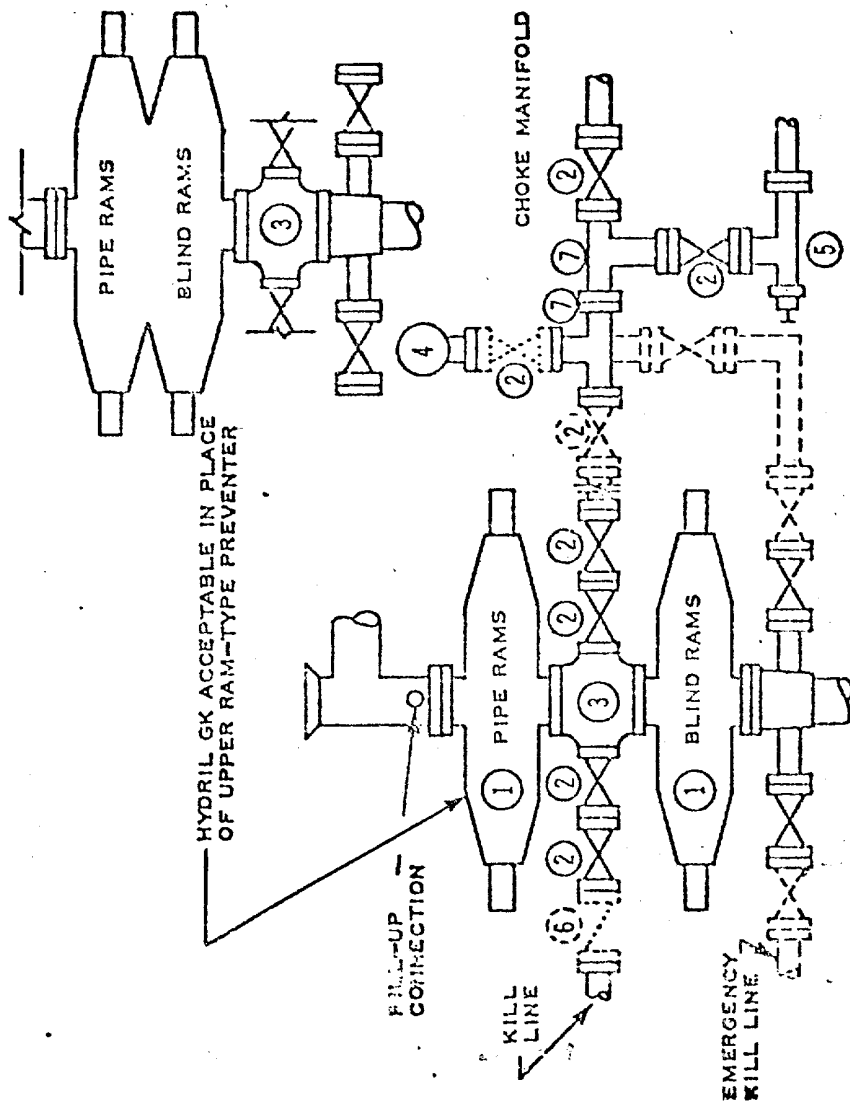
Below Surface to Total Depth:

Drill out with fresh water. Maintain viscosity of 31 to 33 secs. per quart. Prior to drilling redbeds, mix 10 sacks Soltex*. As hole conditions dictate, increase viscosity with salt water clay and Flosal* as needed to insure running of logs and production casing. (Adjust fluid loss and mud properties should hole conditions require.)

* A trademark

THMcL:br

DOUBLE PREVENTER OPTION



- ① SERIES 900 RAM-TYPE BOP
- ② 2" SERIES 900 VALVE
- ③ SERIES 900 DRILLING SPOOL
- ④ 2" MUD PRESSURE GAUGE
- ⑤ 2" SERIES 900 CHOKE
- ⑥ 2" SERIES 900 CHECK VALVE
- ⑦ 2" SERIES 900 STEEL TEE

NOTES:

1. 3000 PSI WP CLAMP HUBS MAY BE SUBSTITUTED FOR FLANGES
2. VALVES MAY BE EITHER HAND OR POWER OPERATED BUT, IF POWER OPERATED, THE VALVES FLANGED TO THE BOP RUN MUST BE CAPABLE OF BEING OPENED AND CLOSED MANUALLY OR CLOSE ON POWER FAILURE AND BE CAPABLE OF BEING OPENED MANUALLY

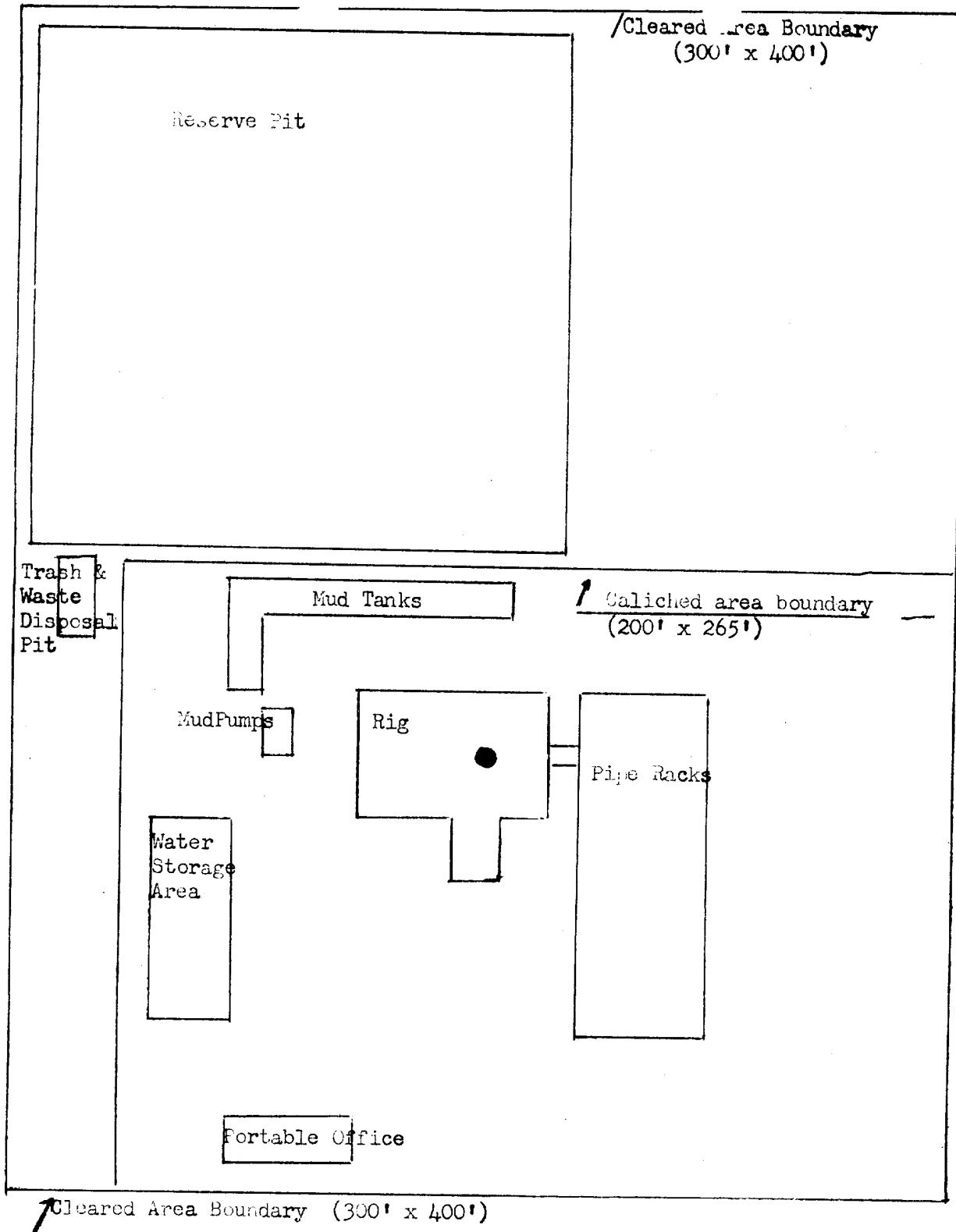
..... OPTIONAL EQUIPMENT

PHILLIPS PETROLEUM COMPANY

3000 PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP
(SERIES 900 FLANGES OR BETTER)

PHILLIPS PETROLEUM COMPANY - Davis-N, Well No. 3 — 660' FN & 1980' FW Lines,
Sec. 18, T-8-S, R-33-E, Chaves County

1. Existing roads on lease: Existing lease road in N/2 Sec. 18 (See sketch of area roads attached).
2. Planned access roads: Commence at existing road in N/2 Sec. 18 (south of well), construct approximately 1320' (20' wide) road north and 680' west to well site.
3. Location of Well No. 3: 660' FN & 1980' FW Lines, Sec. 18, T-8-S, R-33-E.
4. Lateral roads to area of well site: New Mexico Highway 262 approximately 10 to 12 miles north/northeast; existing lease access road from Highway 262 south/southwest into Section 18 where planned access lease road construction to commence. (See plat attached)
5. Tank battery and production facilities as required will be contained within drill site pad upon well completion, or added to existing lease facilities.
6. Water supply is undetermined to date; probably be purchased and transported by truck.
7. Fuel for drilling operations will be diesel and will be trucked to location.
8. All waste disposal will be put in separate waste pits and covered with minimum of 2' backfill.
9. No camps or airstrips will be located on lease.
10. Drill site location will be an area 300' E-W x 400' N-S, cleared and leveled with reserve pits dug in the northern 200' portion. Rig, racks, pumps, steel pits, water tanks, and portable office to be located on southern 200' portion of pad. The drill site proper (contained within the pad) will be permanently caliched in approximate area of 265' E-W x 200' N-S.
11. Restoration of surface: Dug pits within the cleared area will be backfilled and leveled. Caliched pad of the cleared area is a permanent type emplacement.
12. This land use plan is essentially the same as that used on other wells of like depth in Lea and Eddy Counties.

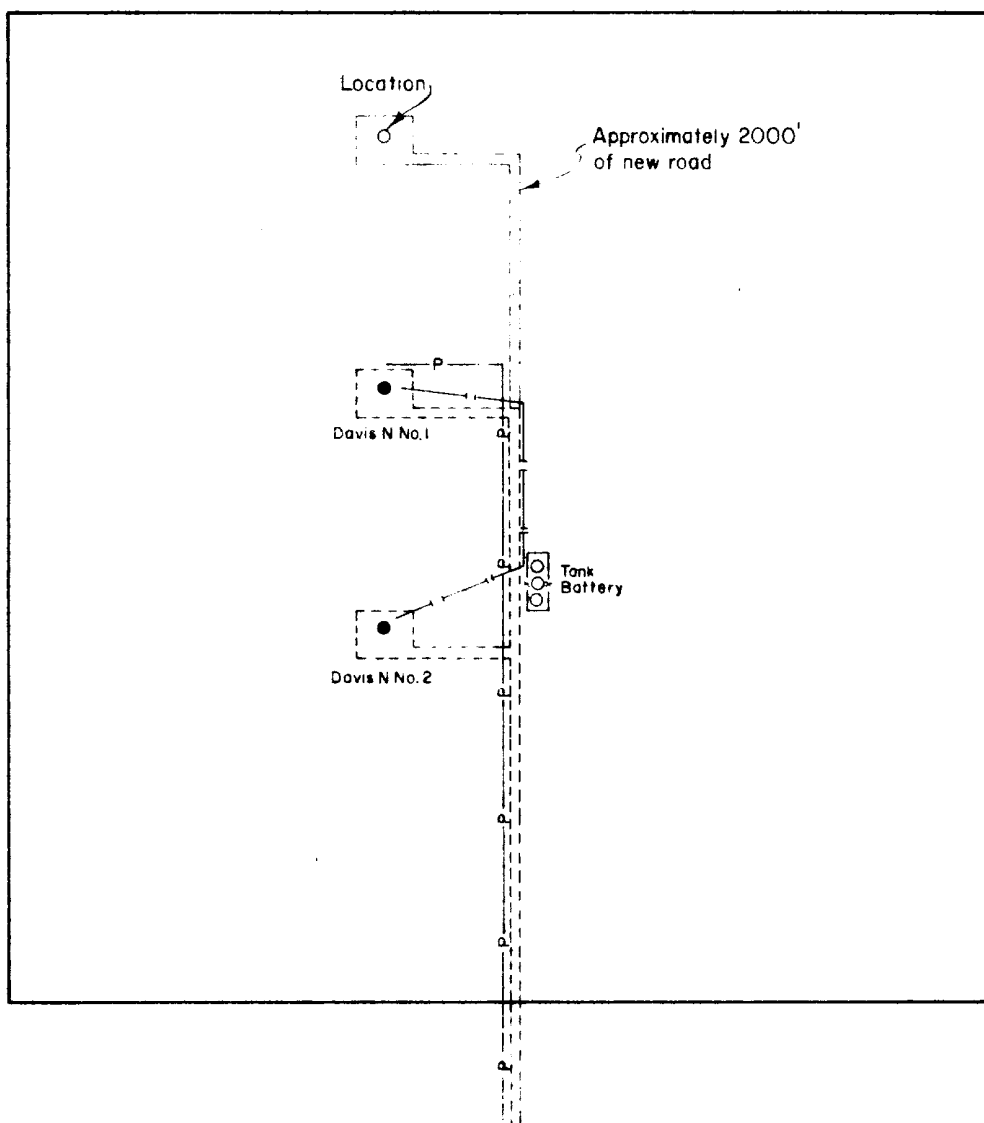


PHILLIPS PETROLEUM COMPANY			BARTLESVILLE, OKLAHOMA																	
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DRAWN			AFE. NO.	DWG. NO.																
CHECKED																				
APPROVED																				
REVISION	BY	DATE	SCALE 1" to 50'		SHEET NO.															

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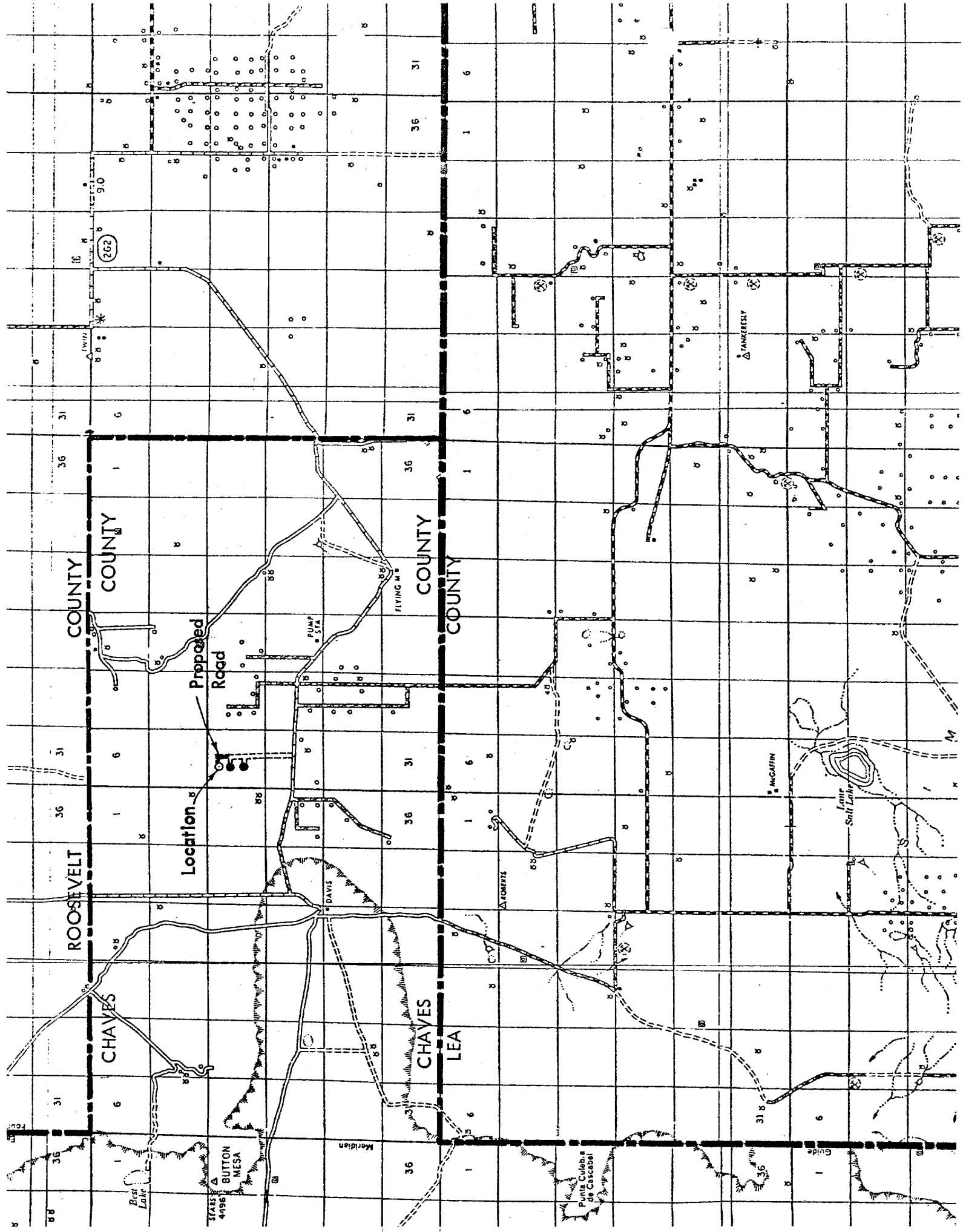
1978

COMMUNITY COLLEGE
1978



**TOPOGRAPHIC SURVEY
SECTION 18, TOWNSHIP 8 SOUTH, RANGE 33 EAST
N.M.P.M., CHAVES COUNTY, NEW MEXICO**

**Phillips Petroleum Company
Davis "N" No. 3
1980 feet from the west line and 660 feet from the north line
Section 18, Township 8 South, Range 33 East
N.M.P.M., Chaves County, New Mexico**



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1970
CALIFORNIA CONSERVATION COMMISSION
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