

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 ☐

5. LEASE DESIGNATION AND SERIAL NO.

NM 16816-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Luther - B

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated-San Andres

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

19, T-8-S, R-32-E

12. COUNTY OR PARISH

Chaves

13. STATE

New Mexico

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

PHILLIPS PETROLEUM COMPANY

3. ADDRESS OF OPERATOR

RM. 711, PHILLIPS BLDG., ODESSA, TEXAS 79761

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

At surface

660' FN and 1980' FE (Unit B)

At proposed prod. zone

Same

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

23 miles N-W of Caprock, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. line, if any)

660' FN

16. NO. OF ACRES IN LEASE

480 ±

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

none

19. PROPOSED DEPTH

4500'

20. ROTARY OR CABLE TOOLS

rotary

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

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
12-1/4"	8-5/8"	28.55# X-42	400'	400 sx Class H w/2% CaCl ₂
7-7/8"	4-1/2"	9.5# K-55	TD	280 TRLW 10% DD & 7.5# salt/sx followed by 275 sx Class H

Use mud additives as required for control

SEP 6 1975

BOP Equipment: Series 900, 3000# WP as per Figure 7 (attached)

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

Gary Kreiger

TITLE

Associate Reservoir Engineer

DATE

June 3, 1975

(This space for Federal or State office use)

PERMIT NO.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

APPROVAL DATA

APPROVED
AS AMENDED
JUN 6 1975
ARTHUR R. BROWN
DISTRICT ENGINEER

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK: ☐ DRILL ☐ DEEPEN ☐ PLUG BACK

2. NAME OF OPERATOR: UNITED PETROLEUM COMPANY

3. ADDRESS OF OPERATOR: 1001 W. Phillips Blvd., Dallas, Texas 75203

4. TYPE OF WELL: ☒ OIL ☐ GAS ☐ OTHER

5. NAME OF OPERATOR: UNITED PETROLEUM COMPANY

6. ADDRESS OF OPERATOR: 1001 W. Phillips Blvd., Dallas, Texas 75203

7. NAME OF OPERATOR: UNITED PETROLEUM COMPANY

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38. ADDRESS OF OPERATOR: 1001 W. Phillips Blvd., Dallas, Texas 75203

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 from the land or lease description. A plat, or plate, 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.

**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

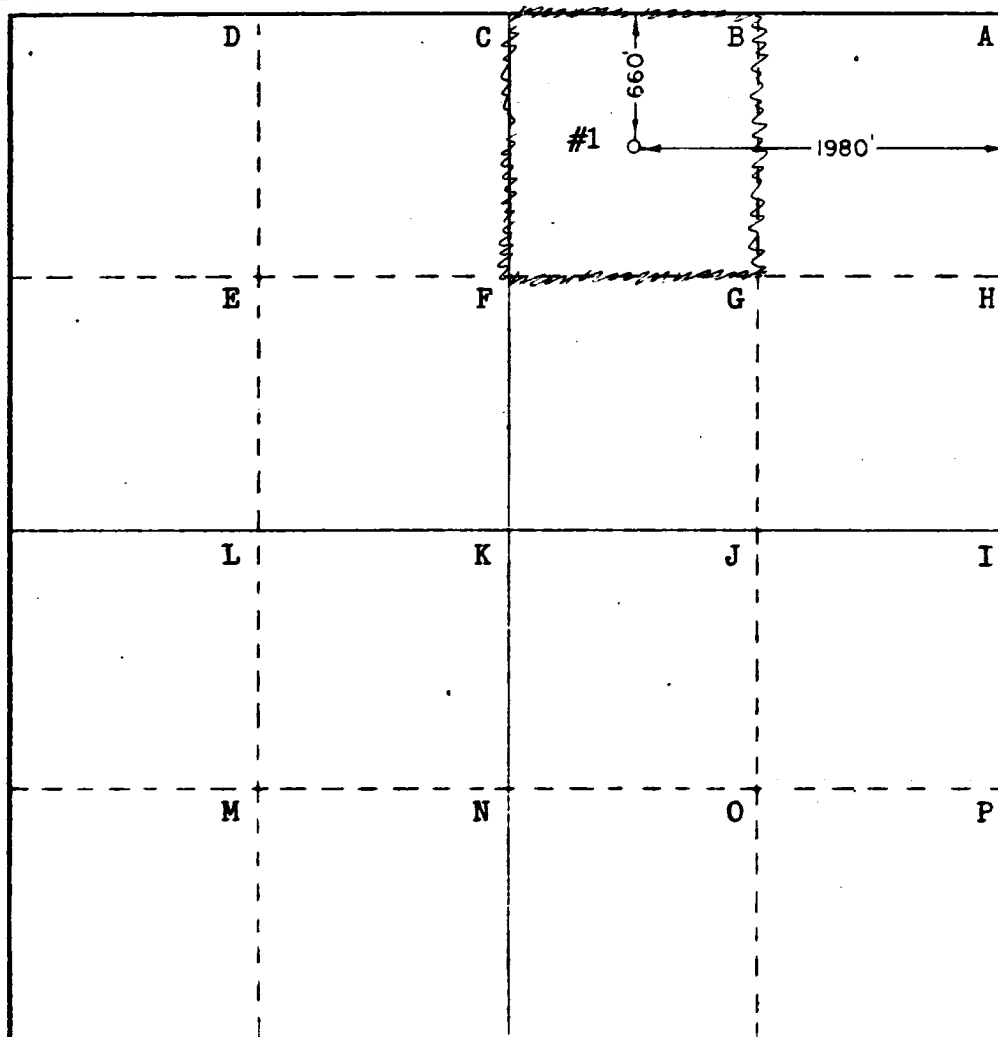
Operator PHILLIPS PETROLEUM COMPANY			Lessee LUTHER B		Well No. 1
Tract Letter B	Section 19	Township 8 SOUTH	Range 32 EAST	County CHAVES	
Actual Well Location of Well: 660 feet from the NORTH line and 1980 feet from the EAST line					
Ground Level Elev. 4378.3	Producing Formation San Andres		Pool Undesignated	Dedicated Acreage: 40 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 _____

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.

Gary Kreiger

Name
Gary Kreiger

Position
Associate Reservoir Engineer

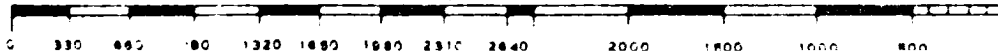
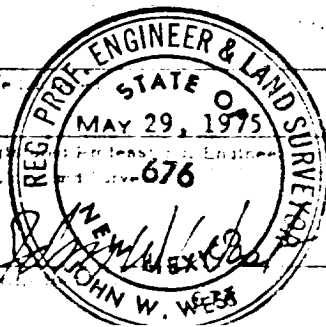
Company
Phillips Petroleum Company

Date
June 3, 1975

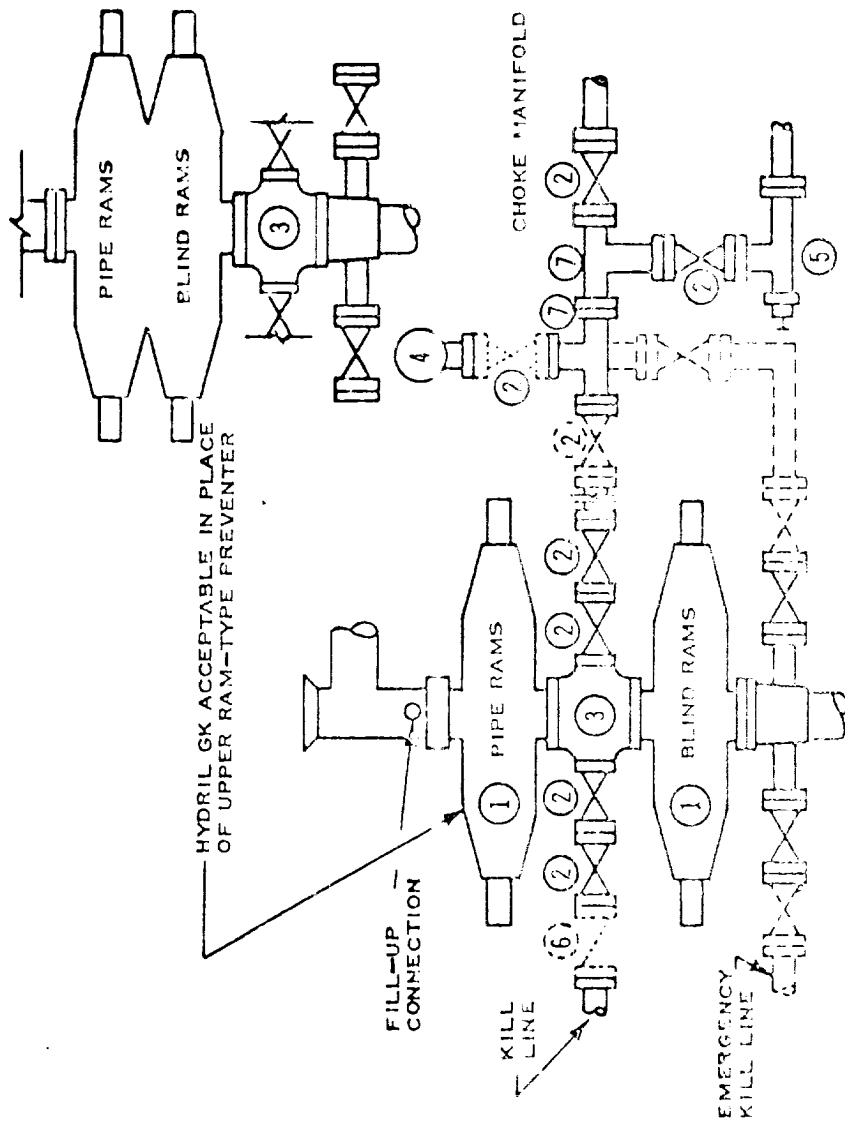
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date
MAY 29, 1975

Reg. and
676



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)

REV 6/73

FIGURE NO. 7

Phillips Petroleum Company

Odessa, Texas

In re: Proposed Mud Program - Luther B No. 1, 4500' San Andres Test.
Section 19, T-8-S, R-32-E, Chaves County, New Mexico

Surface Casing 400' of 8-5/8".

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

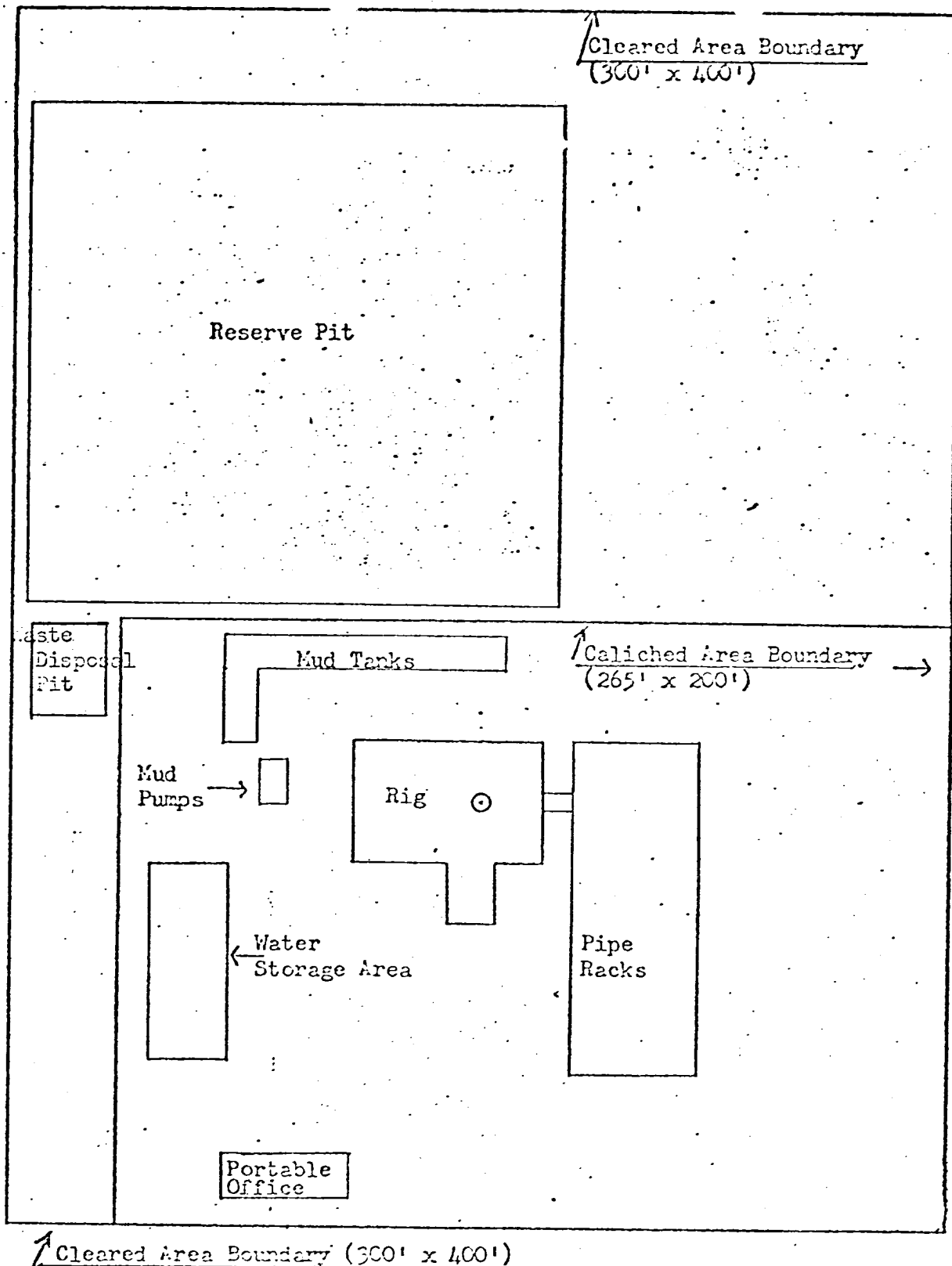
From Surface to 4,500' TD (4-1/2" Casing) Good Samples Required from 3,000 to 4500' TD.

Drill out with fresh water and stay in steel pits. Prior to drilling red beds add 50 bbls. of crude oil and maintain native mud with following properties: Viscosity 32 to 34 sec. per quart out, Weight 10 lbs. per gal or less, Fluid loss no control, then maintain system with daily additions of Flosal, oil and LCM as required. Open hole logs will be run at casing point, should hole conditions dictate reduce fluid loss with starch and adjust mud properties as needed.

Phillips Petroleum Company - Luther-B Well No. 1 = 660' FN & 1980' FE
Lines, Sec. 19, T-8-S, R-32-E, Chaves County,
New Mexico

1. Existing roads on lease: None—There is existing dirt road in NW/4 Sec. 19 .
(See sketch of area roads attached)
2. Planned access roads: Commence at existing dirt road in NW/4 Sec. 19 (West
of well), construct approximately 1320 feet (12' wide) road east to well site.
3. Location of well No. 1 = 660' FN & 1980' FE lines, Section 19, T-8-S, R-32-E.
4. Lateral roads to area of well site: No paved or county roads in vicinity of
proposed well site. There is a dirt road running NW/SE thru the north half of
Sec. 19, approximately 1320' south of well site. The proposed road to well
site would commence at nearest point on the existing dirt road and run east
to well site.
5. Tank battery and production facilities as required will be contained within
drill site pad upon well completion.
6. Water supply will be purchased, and will be trucked to well site. Supply
source has not been determined.
7. Gas for fuel used will be LPG furnished by commercial distributor. Supply
source has not been determined to date. Fuel storage tank (s) will be lo-
cated within cleared drill site area.
8. All waste disposal will be put in separate pits and covered.
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 back-filled
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.

HM:amm



PHILLIPS PETROLEUM COMPANY

BARTLESVILLE, OKLAHOMA

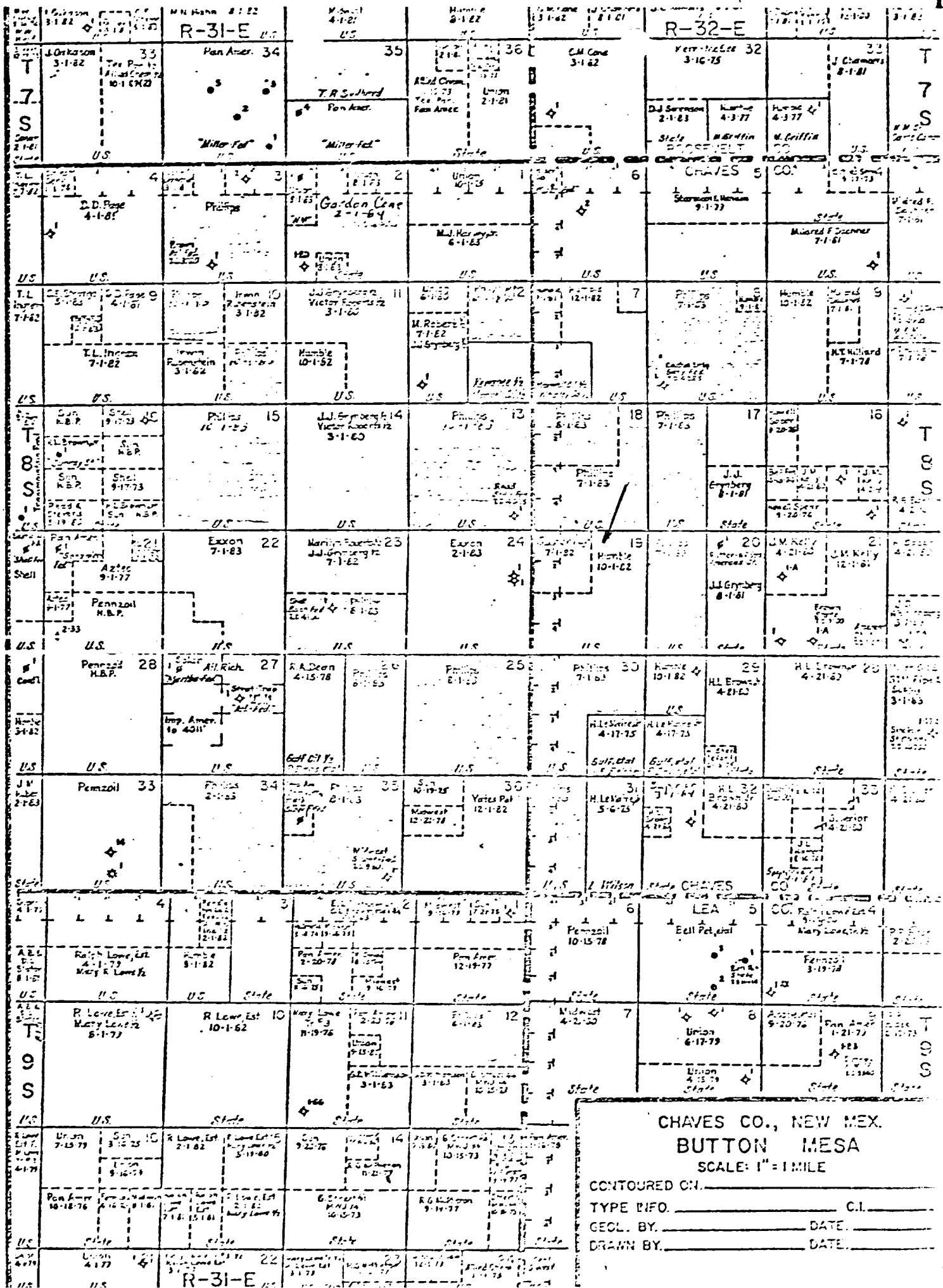
DEVELOPMENT PLAN FOR SURFACE USE
Luther-B - Section 19, T-2-S, R-32-E, Chaves County, New Mexico
Well Site - Location and Rig Service Lay-out

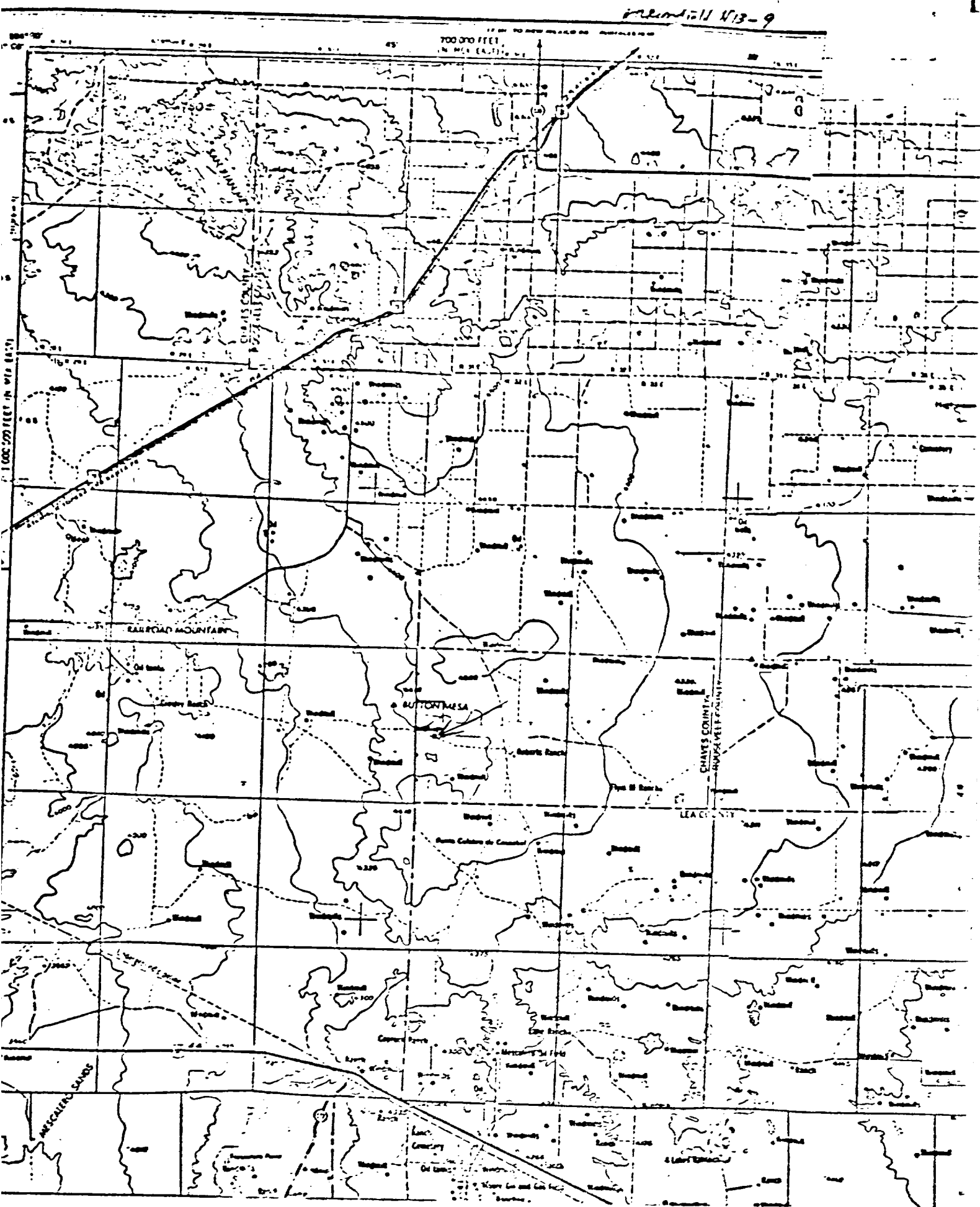
DRAWN
CHECKED

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AFL. NO.

DWG. NO. 2





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RECEIVED

JUL 17 1976

U.S. CONSERVATION COMM.
HOBBS, N. M.