

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 ☒

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER ☐

RECEIVED BY SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

4001 Penbrook Street, Odessa, Texas 79762

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

At surface

Unit L, 1946' FSL & 662' FWL

At proposed prod. zone same

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

3 1/2 miles West of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any)

662'

18. DISTANCE FROM PROPOSED LOCATION

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1287'

16. NO. OF ACRES IN LEASE

1115.20

19. PROPOSED DEPTH

7953' TD, 3600' PBTD

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3614' RKB, 3599' GR

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 1/2" & 11"	8 5/8"	28#	1450'	750 sx cmt
7 7/8"	5 1/2"	15.5#	3600'	Caliper volume + 30% (approx. 185 sx ) of TLW, 10% Diacel D, 10#/sx salt, followed by 600 sx Class C cmt w/2% CaCl <sub>2</sub>

This well was originally drilled as the Grayburg Deep Unit No. 4 by General American Oil Co in 1960 and temporarily abandoned with the hole cased only to 1450' and an open hole interval from 1450'-7953'. Propose to plugback with cement plugs at 6950'-6800', 6200'-6050' and 3750'-3600', set 5 1/2" csg at 3600', perforate and acidize Grayburg/SA Andres zone 2626'-3425' and equip well with subsurface pumping equipment.

BOP EQUIP: Series 900, 3000# WP, double w/1 set of pipe rams, 1 set of blind rams, manually operated.

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 W. J. Mueller TITLE Engineering Supervisor, DATE November 10, 1986

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

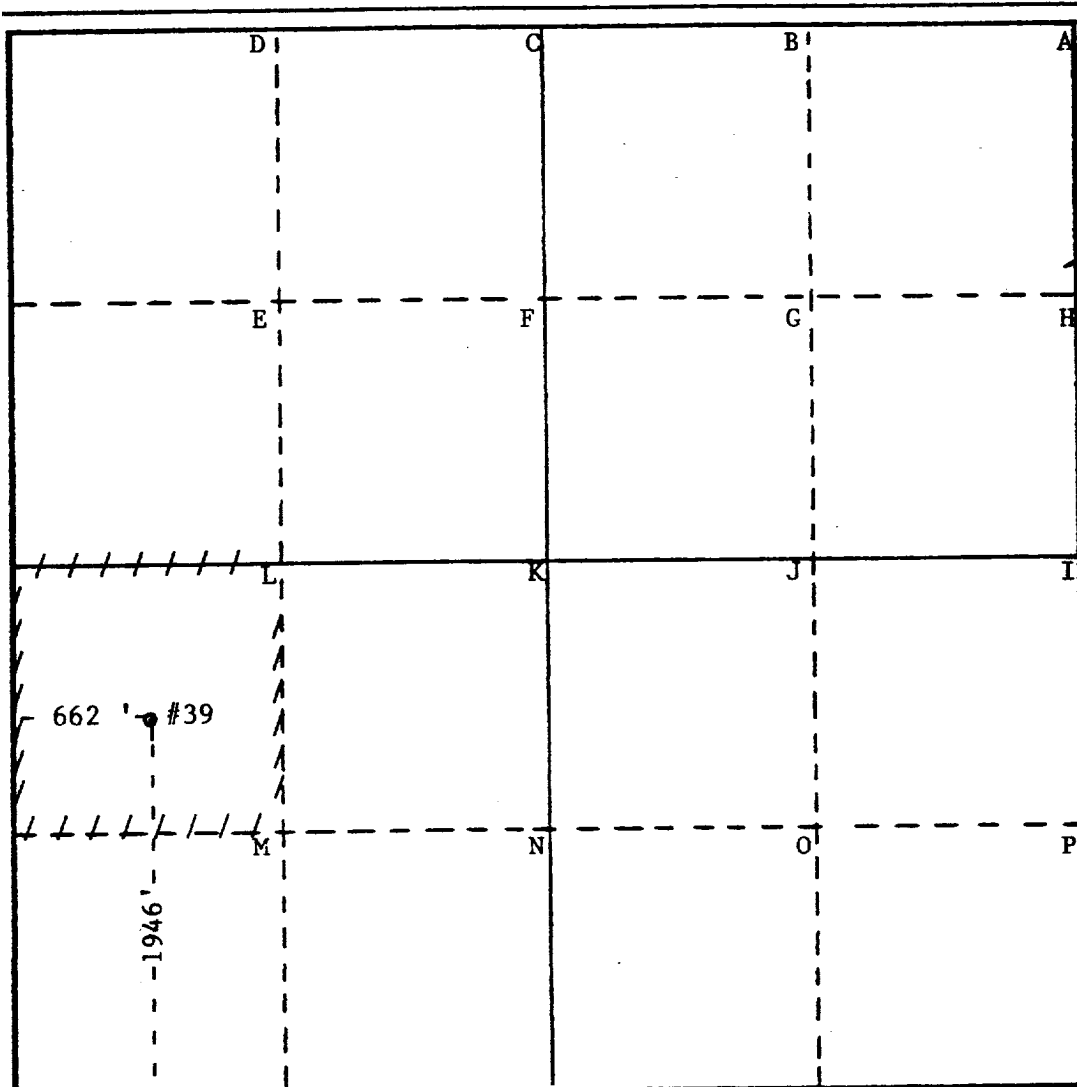
Operator Phillips Petroleum Company		Lease Burch C Fed		Well No. 39
Init Letter L	Section 30	Township 17-S	Range 30-E	County Eddy
Actual Footage Location of Well: 1946 feet from the south line and 662 feet from the west line				
Ground Level Elev. 3599' GR	Producing Formation Grayburg/San Andres	Pool Grayburg Jackson SR-Q-GB/SA	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.

Name

W. J. Mueller

Position

Engineering Supervisor,

Company

Reservoir

Phillips Petroleum Company

Date

November 10, 1986

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.

3-22-1960

Date Surveyed

John W. West

Registered Professional Engineer  
and/or Land Surveyor

Certificate No.

N.M.-P.E. & L.S. No. 676