

Form 3160-3
(November 1983)
(formerly 9-331C)

NM OIL & GAS COMMISSION

Drawer DD

Artesia, NM 88210

SUBMIT IN TRIPLICATE*

(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

30-015-24861

4/87

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 ☐

2. NAME OF OPERATOR

Callaway Production Company, Inc.

3. ADDRESS OF OPERATOR

205 Wilco Building, Midland, Texas 79701

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

At surface

467' FSL & 660' FEL SE/4 SE/4 Unit letter P

At proposed prod. zone

Same

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

3 1/2 miles southeast of Malaga, New Mexico

15. DISTANCE FROM PROPOSED*

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

467'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

16. NO. OF ACRES IN LEASE

800

19. PROPOSED DEPTH

4100'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

2948.9' GR

22. APPROX. DATE WORK WILL START*

May 15, 1984

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11 1/4"	8 5/8"	24.0#	600'	145 sx(Circulate)
7 7/8"	4 1/2"	9.5#	4100'	670 sx(Circulate)

Proposed plans are to drill through the Delaware formation and test for possible commercial production in the Delaware and intermediate formations.

Designation of Operator from Phillips Petroleum is enclosed.

BOP sketch is 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

Levy W. Franklin

TITLE

Agent

DATE

4/20/84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

*Post. A #2
10-1-77 Bk.
5-4-84*

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side

**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.

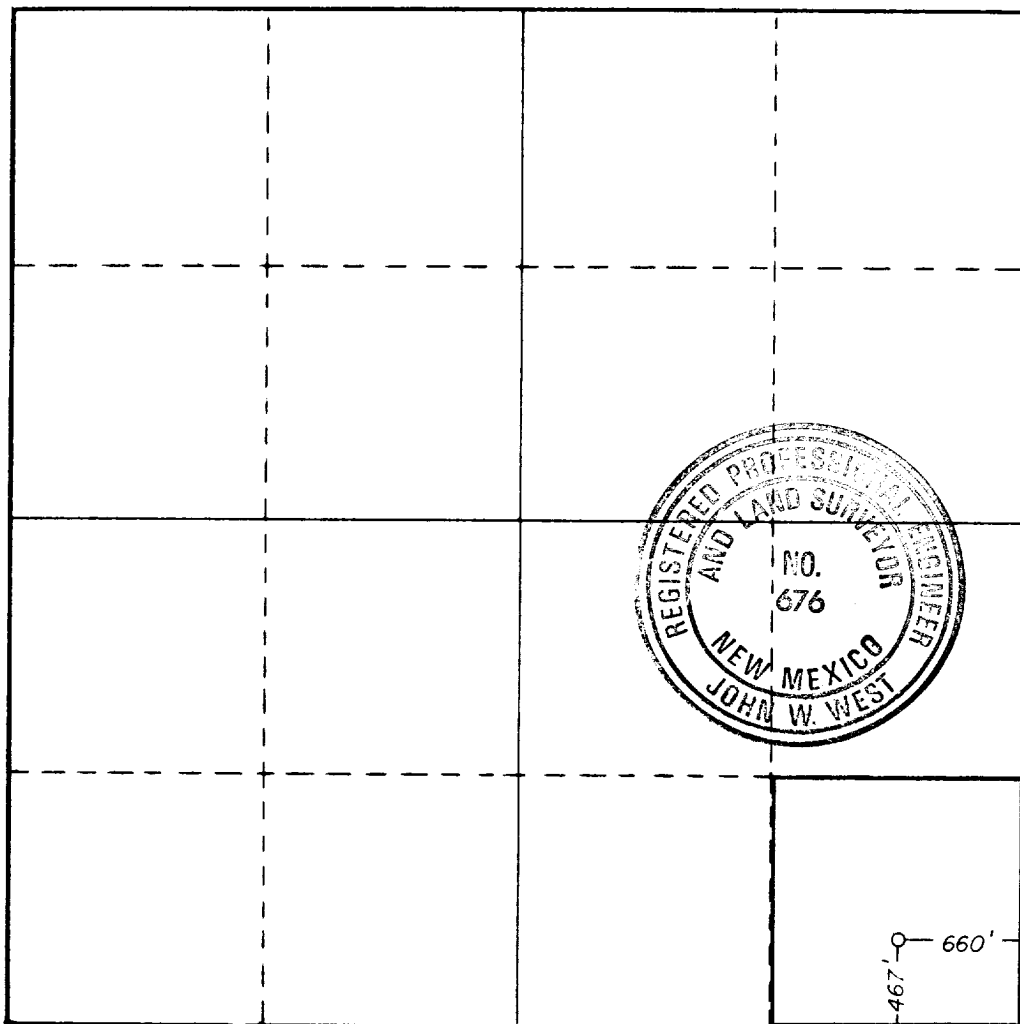
Operator CALLAWAY PRODUCTION COMPANY		Lease PHILLIPS FEDERAL		Well No. 1
Unit Letter P	Section 20	Township 24 SOUTH	Range 29 EAST	County EDDY
Actual Footage Location of Well: 467 feet from the SOUTH line and 660 feet from the EAST line				
Ground Level Elev. 2948.9	Producing Formation Delaware	Pool Wildcat	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

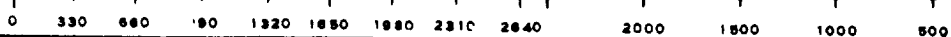
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

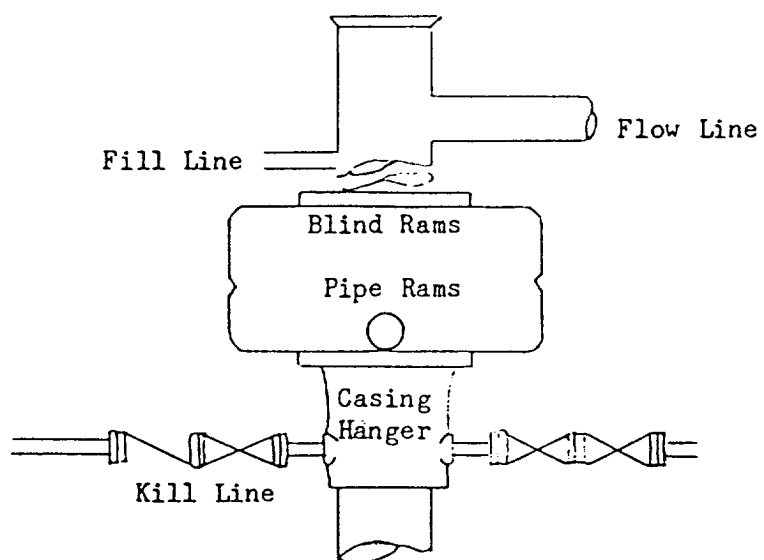
Name
Terry W. Franklin
Position
Agent
Company
Callaway Production Co., Inc.
Date
4/25/84

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.

Date Surveyed
APRIL 18, 1984
Registered Professional Engineer and/or Land Surveyor

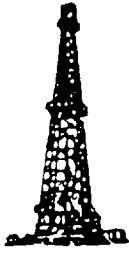
John W. West
Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239





BOP STACK

3000 psi working pressure



Oil & Gas Administrative Services

TERRY W. FRANKLIN

P.O. Box 2664

Roswell, NM 88201

SUPPLEMENTAL DRILLING DATA

Callaway Production Company, Inc.

Phillips Federal No. 1

467' FSL & 660' FEL

Sec. 20, T24S, R29E

Eddy County, New Mexico

NM - 18495

1. Surface Formation: Alluvium

2. Estimated Geological Marker Tops:

Rustler	1337'	Ramsey	2897'
Top Salt	2087'	Olds	2977'
Base Salt	2637'	Top Cherry Canyon	3832'
Lamar	2837'		

3. Mineral Bearing Formations:

Delaware - Oil

4. Proposed Casing and Cement Program:

8 5/8"- Set approximately 600', 8 5/8, 24#, J-55 ST&C casing.

Cement to surface with 145 sx Class "C" with 2% CaCL.

4 1/2"- Set to total depth (4100'±), 4 1/2", 9.5#, J-55, ST&C casing.

Cement to surface with 570 sx 65-35 pozmix with 6% gel followed by 100 sx Class "C" cement.

5. Pressure Control Equipment: A 3000 psi working pressure B.O.P. will be installed after 8 5/8" casing is set.

6. Testing, Logging, and Coring Programs:

Testing: One drill-stem test will possibly be taken in the Delaware formation.

Logging: DLL, Sonic log, gamma ray, caliper, SP

Coring: Possible sidewall cores taken in potential pay zones.

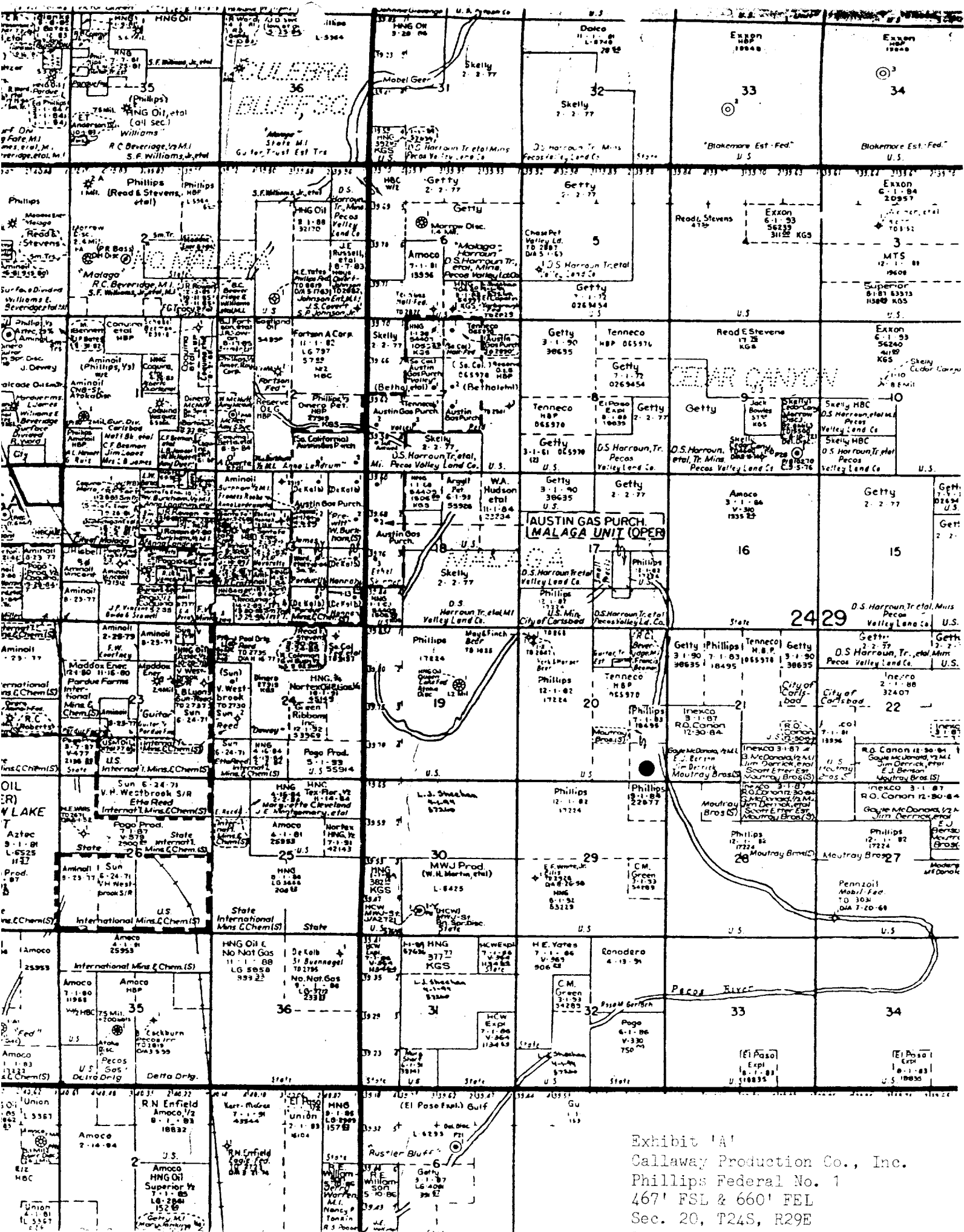


Exhibit 'A'
Callaway Production Co., Inc.
Phillips Federal No. 1
467' FSL & 660' FEL
Sec. 20, T24S, R29E
Eddy County, N.M.

N

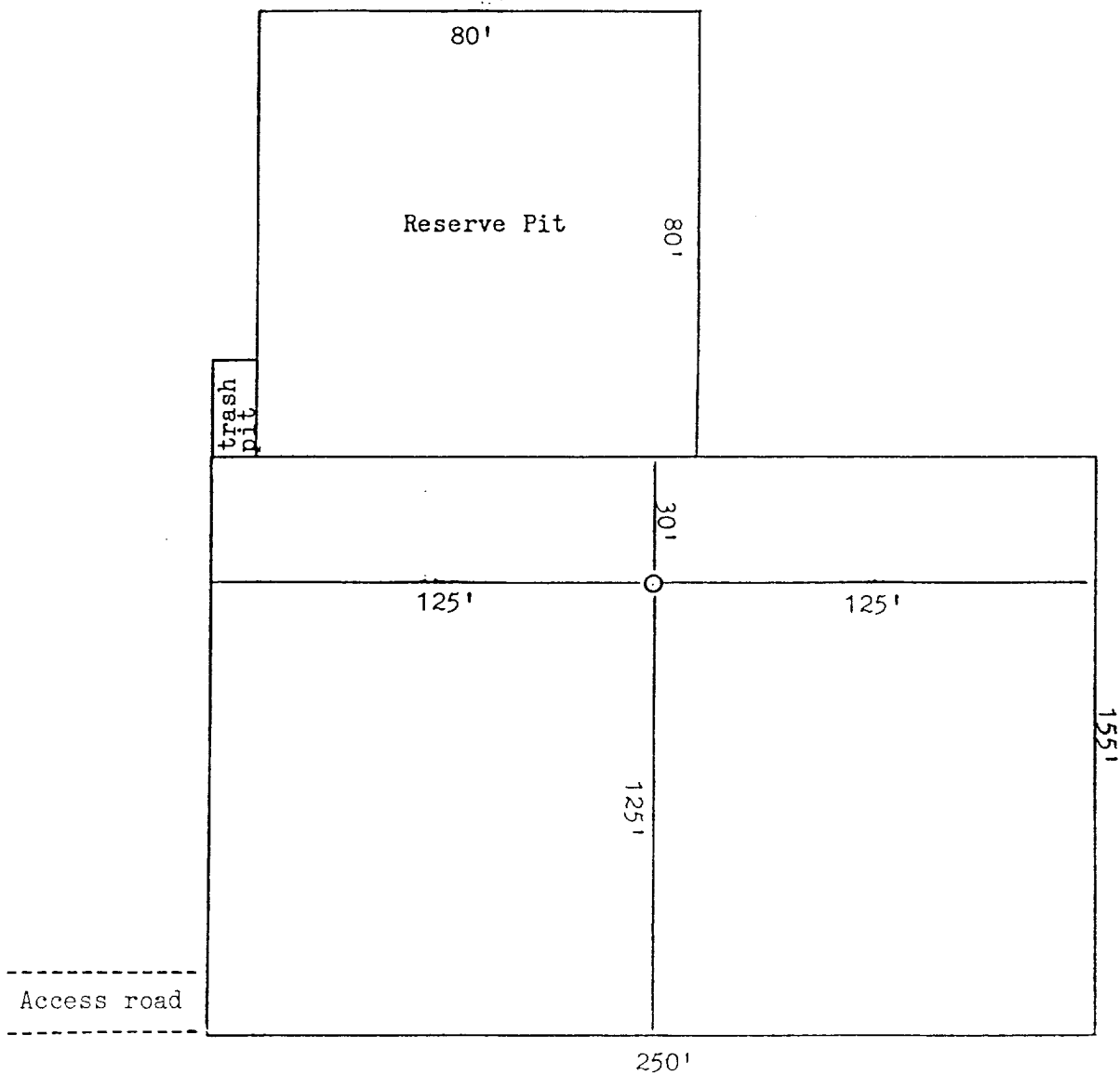


Exhibit 'C'
Callaway Production Co., Inc.
Phillips Federal No. 1
467' FSL & 660' FEL
Sec. 20, T24S, R29E
Eddy County, N.M.