

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

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Anadarko Petroleum Corporation

3. ADDRESS OF OPERATOR

P. O. Box 2497, Midland TX 79702

(915) 682-1666

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

2180' FSL & 690' FWL

At proposed prod. zone

Same

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

Approximately 9 miles Southwest of Loco Hills, NM

15. DISTANCE FROM PROPOSED*

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

690

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

40

17. NO. OF ACRES ASSIGNED
TO THIS WELL

19. PROPOSED DEPTH

4100'

Rotary

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

3532' GR

22. APPROX. DATE WORK WILL START*

Late October, 1997

PROPOSED CASING AND CEMENTING

ROSWELL CONTROLLED WATER BASIN

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8 J-55	24#	300'	WITNESS
7 7/8"	5 1/2 J-55	15.5#	4100'	WITNESS SX Circulate

Cement will be circulated to surface on all casing strings.

Anadarko Petroleum Corp. plans to drill to 4100' ± and test the San Andres formation below 3100' and the Queen formation at ± 2130' for commercial quantities of oil. Tested intervals will not be in the Ballard unitized interval which occurs at about 2370' to 3100' at this location. If the well is deemed non-commercial, the wellbore will be plugged and abandoned per Federal regulations. Programs to adhere to onshore oil and gas regulations are outlined on the following exhibits and attachments.

Drilling Program

Surface Use and Operating Plan

Exhibit #1A Blowout Prevention Equipment

Exhibit #1B Choke Manifold

Exhibit #2 Location and Elevation Plat

Exhibit #3 Current Access Roads

Exhibit #3A Proposed Well Site

Exhibit #3B Lease Outline

Exhibit #4 Wells within a One Mile Radius

Exhibit #5 Production Facilities Plan

Exhibit #6 Rotary Rig Layout

H₂S Operating Plan

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

Larry Gates

TITLE

Staff Drilling Engineer

DATE

9-22-97

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

(ORIG. SGD.) TONY L. FERGUSON

TITLE

ADM. MINERALS

DATE

9-27-97

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 39520	Pool Name Loco Hills, Queen - San Andres
Property Code	Property Name BALLARD "C"	Well Number 4
OGRID No.	Operator Name ANADARKO PETROLEUM CORPORATION	Elevation 3532

Surface Location

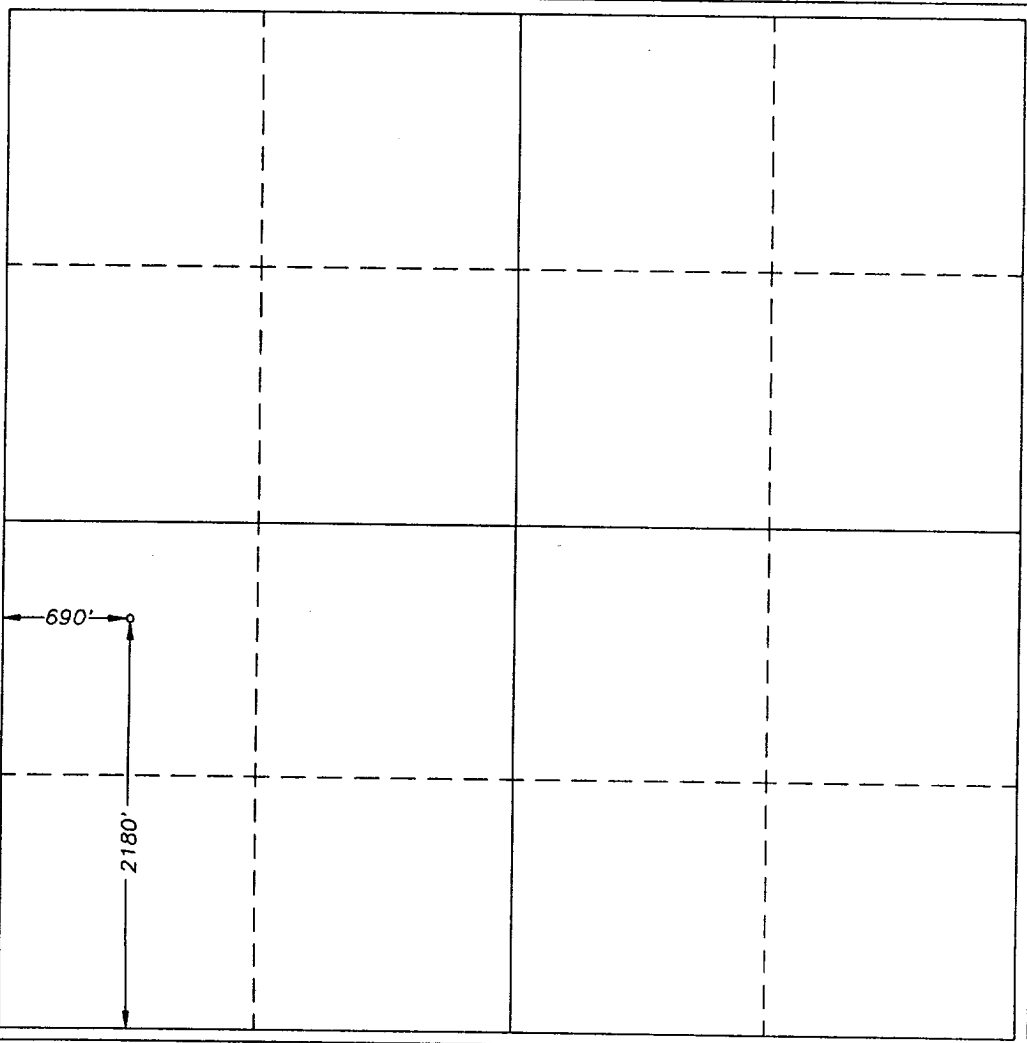
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	8	18S	29E		2180	SOUTH	690	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
-----------------	-----------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Larry Gates
Signature

Larry Gates
Printed Name

Staff Drilling Engineer
Title

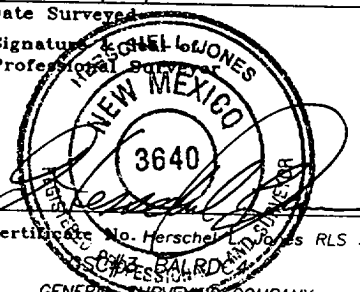
9/3/97
Date

SURVEYOR CERTIFICATION

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 belief.

5/07/97
Date Surveyed

Herschel L. Jones
Signature
Professional Surveyor



Certificate No. Herschel L. Jones RLS 3640
GENERAL SURVEYING COMPANY

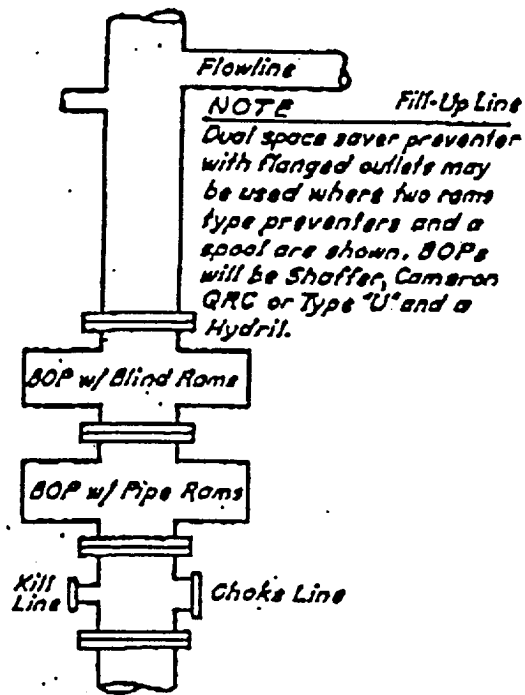


301 BOYD, E
ALLEN, TEXAS 75002

(214) 727-8367

P. O. BOX 589
ALLEN, TEXAS 75002

In Texas (800) 442-5224



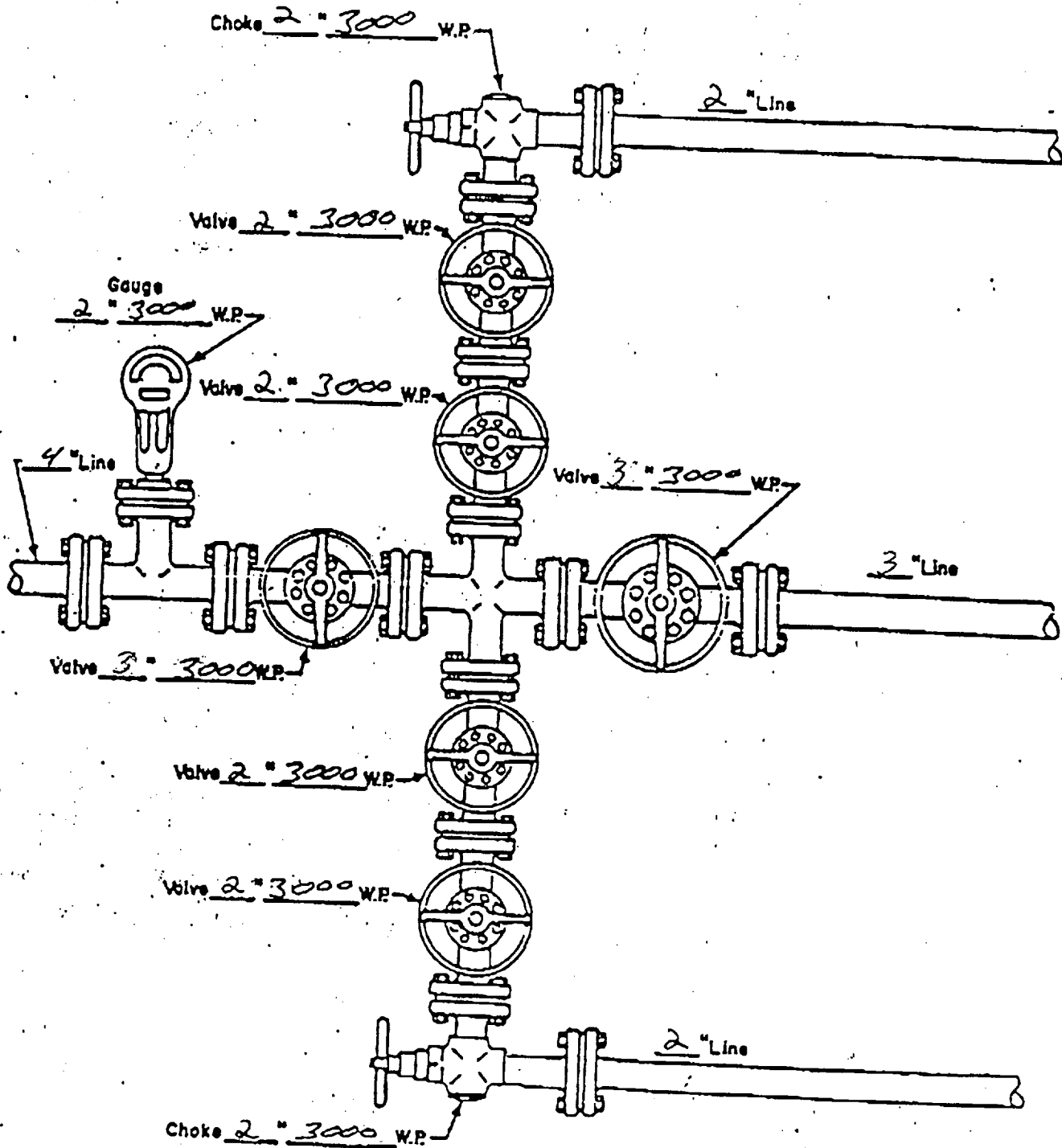
CASE I

BLOWOUT PREVENTER HOOKUP

3000⁺ Working Pressure

Exhibit #1A

Choke Manifold



MANIFOLD
3000 #W.P.

- ☒ Manual
- ☐ Hydraulic

Attachment to Exhibit #1
Attachment to Form 3160-3
Anadarko Petroleum Corporation
Ballard "C", Well #4
2180' FSL & 690' FWL
Section 8, T18S, R29E
Eddy County, New Mexico

1. Drilling nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOP bore.
2. Wear ring will be properly installed in head.
3. Blowout preventor and all associated fittings will be in operable condition to withstand a minimum 3000 psi working pressure.
4. All fittings will be flanged.
5. A full bore safety valve tested to a minimum 3000 psi WP with proper thread connections will be available on the rotary rig floor at all times.
6. All BOP equipment will be equal to or larger in bore than the internal diameter of the last casing string.
7. Will maintain a kelly cock attached to the kelly.
8. Hand wheels and wrenches will be properly installed and tested for safe operation.
9. All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.