

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ Re-entry DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Anadarko Production Company (See Note 1)

3. ADDRESS OF OPERATOR

P. O. Box 247, Hobbs, New Mexico 38240

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

At surface

2310' FSL & 2310' FEL

At proposed prod. zone

Same as above

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

30 miles SW of Hobbs, New Mexico

16. DISTANCE FROM PROPOSED\*

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

1400

16. NO. OF ACRES IN LEASE

1160

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.

1035

19. PROPOSED DEPTH

To Old TD 3455'

20. ROTARY OR CABLE TOOLS

Rotary

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

3602 D.F.

22. APPROX. DATE WORK WILL START\*

5/15/74

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-5/8"	7"	20#	1000'	150% excess-circ. to surface
6-1/4"	5 1/2"	14#	3455'	Circulate to surface

See Attached Prognosis

Note 1 - Well was originally drilled by Southern California Petroleum Corp. and abandoned 12/31/54. Old Form 9-331a 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

TITLE

Div. Eval. Engr.

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ANADARKO PRODUCTION COMPANY  
DRILLING PROGNOSIS

HOUSTON DIVISION

SOUTHERN REGION

Lease: Teas Yates Unit

Well No. 14-2

Field: Teas Yates

State: New Mexico

Location: 2310' FSL & 2310' FEL Section 14-T20S-R33E, Lea County,  
New Mexico

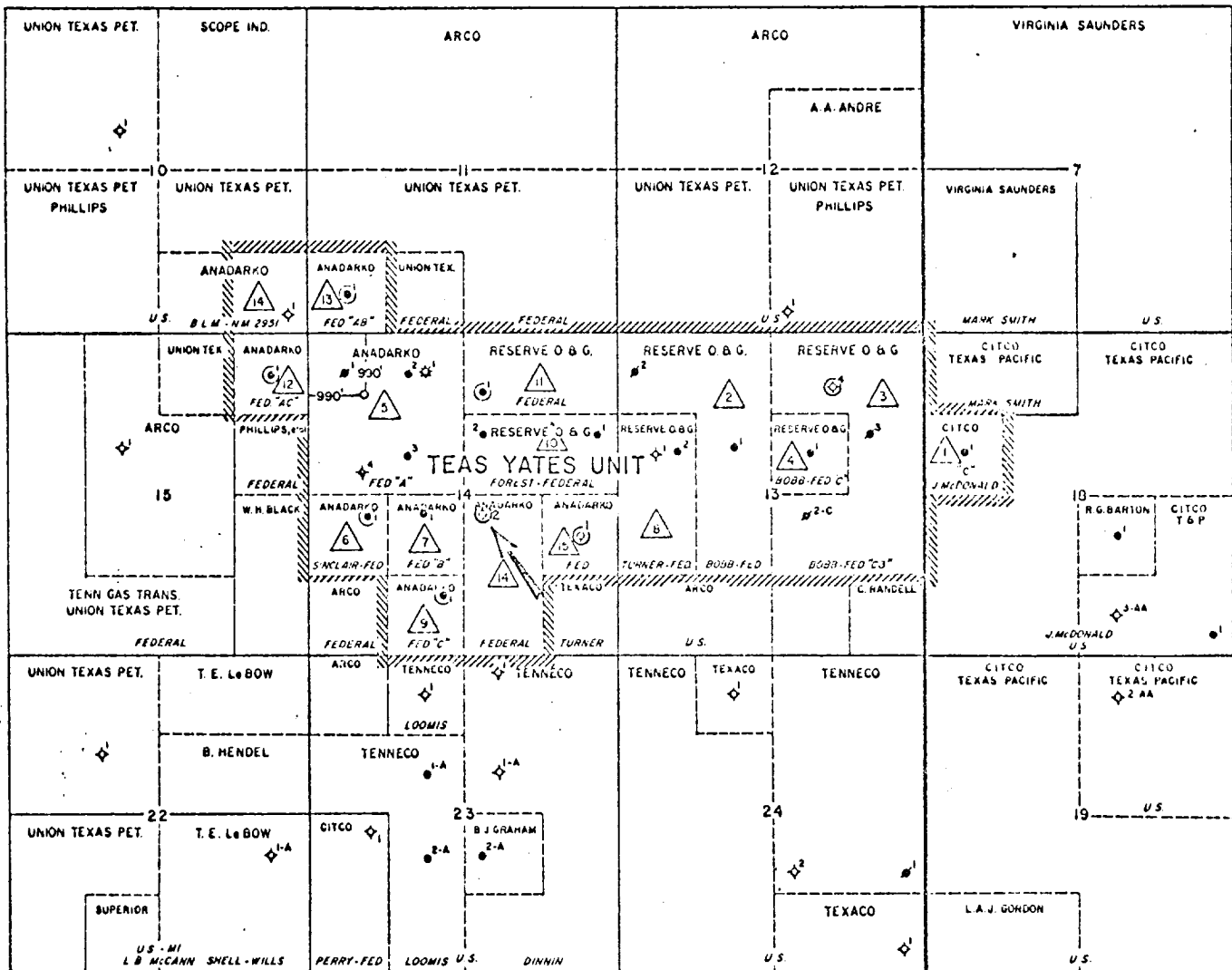
RE-ENTRY AND COMPLETION PROGRAM

1. Pull 4" marker.
2. Rig up well servicing unit and reverse circulation equipment.
3. Clean out with 9-5/8" bit to surface casing point at approximately 1000'. Mud will be salt saturated to prevent hole enlargement.
4. Run 1000' of 7" 20# casing. Cement with 50% excess to bring cement to ground level. Cement will be mixed using salt saturated water and shall contain 1% CaCl.
5. Casing and water shut off tests shall be made with water before and after drilling the plug. Cement will stand 12 hours with pressure and 24 hours before drilling the plug. Hydraulic pressure of 600 psi will be applied. If a drop of 100 psi or more occurs within 30 minutes, corrective measures will be applied.
6. Install and nipple up double ram BOP before drilling the plug on the surface casing. Test BOP to 1500 psi.
7. Clean out to 3455' using 6 1/4" bit. Run Gamma Ray Compensated Neutron log and caliper.
8. Run 3455' of 5 1/2" 14# J-55 casing. 5 1/2" casing will be bond coated through pay section. Cement with adequate volume of cement to bring cement up to the surface. Cement will be mixed using salt saturated water and shall contain 1% CaCl.

9. Casing and water shut off tests shall be made after 24 hours of setting time. Hydraulic pressure of 1000 psi will be applied. If a drop of 100 psi or more occurs within 30 minutes, corrective measures will be applied.
10. Perforate and stimulate perfs with possibly 40,000 gallons of gelled water and 80,000# of sand at 20-25 BPM rate.
11. Equip well to produce and place well on production.

R-33-E

R-34-E



## LEGEND

- Oil Well
- ✦ Plugged & Abandoned
- Temporarily Abandoned
- ◇ Dry & Abandoned
- ⊙ Water Injection Well
- Proposed Boundary
- △ Tract Number
- Proposed Location
- ⊕ Proposed Re-entry



**ANADARKO  
PRODUCTION COMPANY**

**TEAS YATES UNIT  
LEA COUNTY, NEW MEXICO  
FLOOD NO. 54**

0 1500 3000 4500 6000

**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 <b>Anadarko Production Company</b>			Lease <b>Teas Yates Tr. 14</b>		Well No. <b>2</b>
Unit Letter <b>J</b>	Section <b>14</b>	Township <b>20S</b>	Range <b>33E</b>	County <b>Lea</b>	
Actual Footage Location of Well:					
<b>2310</b> feet from the <b>South</b> line and		<b>2310</b> feet from the <b>East</b> line			
Ground Level Elev. <b>3602' DF</b>	Producing Formation <b>Yates</b>	Pool <b>Teas Yates</b>		Dedicated Acreage: <b>10</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

		<div style="border: 1px solid black; width: 50px; height: 50px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <span style="font-size: 2em;">02</span> </div>	

**CERTIFICATION**

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

Name \_\_\_\_\_  
Position  
**Area Supervisor**  
Company  
**Anadarko Production Co.**  
Date  
**May 6, 1974**

*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 \_\_\_\_\_  
Registered Professional Engineer and/or Land Surveyor \_\_\_\_\_

Certificate No. \_\_\_\_\_

