

RECEIVED

N. M. O. C. C. COPY

SUBMIT IN TR. CATE\*  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.NOV 3 1976 UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYCopy to SF  
30-015-21957

5. LEASE DESIGNATION AND SERIAL NO.

NM-0415688-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

OLD INDIAN DRAW UNIT

8. FARM OR LEASE NAME

OLD INDIAN DRAW UNIT

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

INDIAN DRAW DELAWARE

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

18-22-28 NMPM

12. COUNTY OR PARISH

EDDY

NM

## 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

AMOCO PRODUCTION COMPANY ✓

## 3. ADDRESS OF OPERATOR

P.O. DRAWER A, LEVELLAND, TEXAS 79008

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

At surface

660' FNL x 794' FNL, SEC 18 (UNIT D NW/4 NW/4)

At proposed prod. zone

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

9 MILES SOUTHEAST OF CARLSBAD, N.M.

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest dirg. unit line, if any)

## 16. NO. OF ACRES IN LEASE

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.

## 19. PROPOSED DEPTH

3450'

## 20. ROTARY OR CABLE TOOLS

ROTARY

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

3091.9 GL

## 22. APPROX. DATE WORK WILL START\*

## 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"         | 24#             | 400'          | CIRCULATE                                    |
| 7 7/8"       | 5 1/2"         | 14-15.5#        | 3450'         | Sufficient to tie back into<br>Surface Pipe. |

After drilling well, logs will be run and evaluations made,  
perforating and/or stimulating as necessary in attempting  
commercial production.

Mud Program: O-SCP - Water & Native Mud  
SCP-TD Brine & Native Mud

BOP Program 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

Ray W. Cox

TITLE Administrative Assistant

DATE

8/20/76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL IF

THIS APPROVAL IS REVOKED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
EXPIRES FEB - 2 - 1977  
See Instructions On Reverse Side

RECEIVED

AUG 30 1976

U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

04-USGS-ART

1-DIV  
1-SUSP  
1-RC  
2-BASS

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

RECEIVED  
AUG 30 1976  
U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

|                                                                                                                            |                                        |                             |                                       |                       |                                        |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------|---------------------------------------|-----------------------|----------------------------------------|
| Operator<br><b>AMOCO PRODUCTION COMPANY</b>                                                                                |                                        |                             | Lease<br><b>Old Indian Draw Unit</b>  |                       |                                        |
| Unit Letter<br><b>D</b>                                                                                                    | Section<br><b>18</b>                   | Township<br><b>22 South</b> | Range<br><b>28 East</b>               | County<br><b>Eddy</b> |                                        |
| Actual Well Location of Wells:<br><b>660</b> feet from the <b>north</b> line and <b>794</b> feet from the <b>west</b> line |                                        |                             |                                       |                       |                                        |
| Ground Level Elev.<br><b>3091.9</b>                                                                                        | Producing Formation<br><b>DELAWARE</b> |                             | Pool<br><b>INDIAN DRAW - DELAWARE</b> |                       | Section Area<br><b>3.33 - 40</b> 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.

|                                                                                           |  |  |  |
|-------------------------------------------------------------------------------------------|--|--|--|
|                                                                                           |  |  |  |
| <p><b>RECEIVED</b><br/><b>NOV 3 1976</b><br/><b>O.C.C.</b><br/><b>ARTESIA, OFFICE</b></p> |  |  |  |
|                                                                                           |  |  |  |

CERTIFICATION

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

Name Ray W. Cox  
Position Administrative Assistant  
Company AMOCO PRODUCTION COMPANY

Date Aug 20, 1976

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 Aug 23, 1976

Registered Professional Engineer and/or Land Surveyor

John W. West  
Certificate No. \_\_\_\_\_

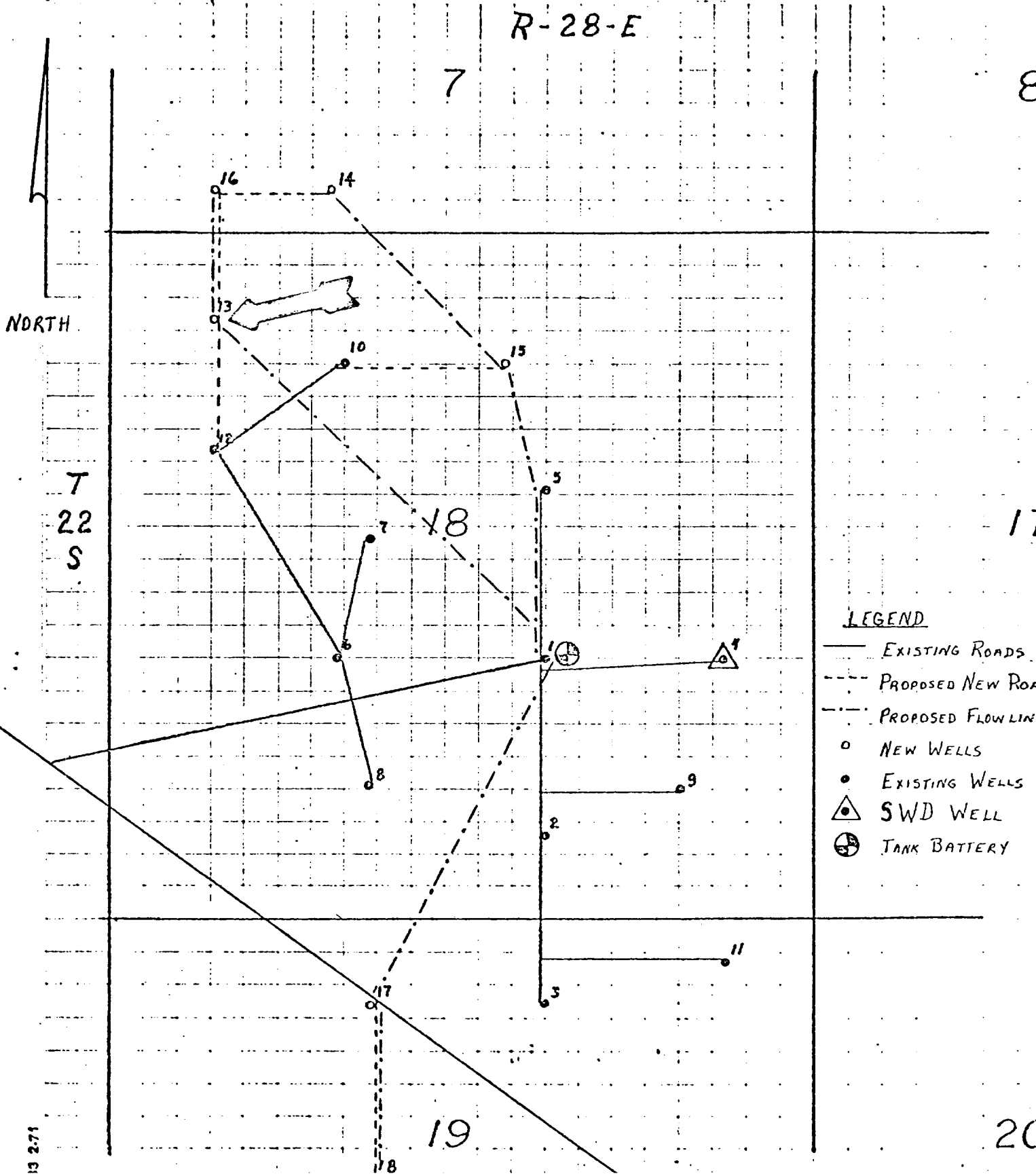
# ENGINEERING CHART

## (TRACING)

SUBJECT OLD INDIAN DRAW UNIT

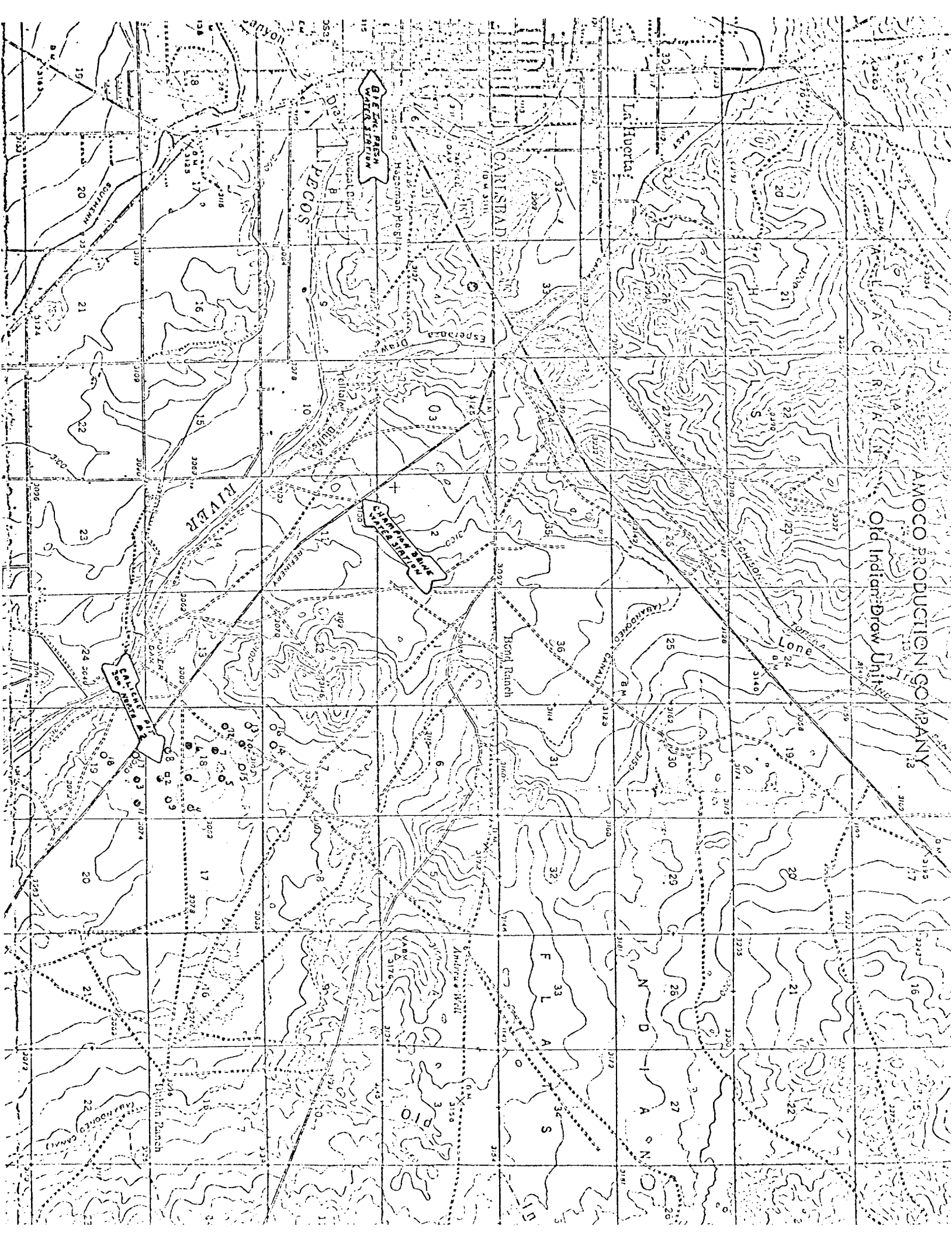
SEC. 7, 18 & 19, T-22-S, R-28-E, Eddy Co., N.M.

R-28-E



AMOCO PRODUCTION COMPANY

Old Indian Draw Unit



**ATTACHMENT "B"**  
**NOTES**

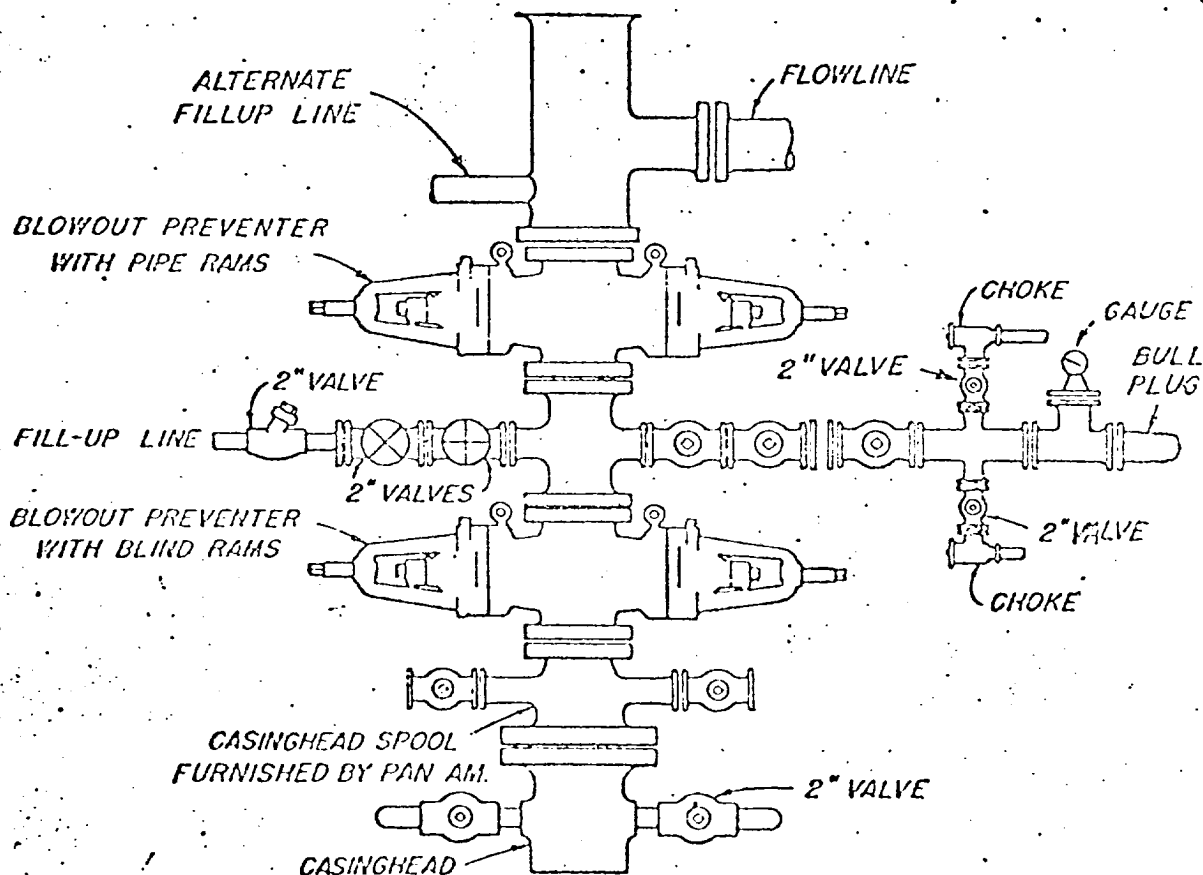
1. Blow-out preventers and master valve to be fluid operated and all fittings must be in good condition, 3,000\* W.P. (6,000 p.s.i. test), minimum.
2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
3. Nipple above blow-out preventer shall be same size as casing being drilled through.
4. Kelly cock required, 3,000\* W.P. (6,000 p.s.i. test), minimum.
5. OMSCO or comparable safety valve must be available on rig floor at all times with proper connection or sub, 3,000\* W.P. (6,000 p.s.i. test), minimum.
6. Blow-out preventers and master valve while drilling intermediate hole to 6,000' may be 2,000\* W.P. (4,000 p.s.i. test), minimum.
7. Choke assembly, beyond second valve from cross, may be positioned (Optional) outside of derrick foundation.
8. Spool or cross may be eliminated if connections are available in the lower part of the blow-out preventer body.
9. Plug valves - gate valves are optional. Valves shown as 2" are minimum size.
10. Casing head and casing head spool, including attached valves, to be furnished by Pan American.
11. Rams in preventers will be installed as follows:

When drilling, use:

Top Preventer - Drill pipe rams  
Bottom Preventer - Blind rams or master valve

When running casing, use:

Top Preventer - Casing rams  
Bottom Preventer - Blind rams or master valve.



**BLOWOUT PREVENTER HOOK-UP**  
**PAN AMERICAN PETROLEUM CORP.**

**EXHIBIT D-1 MODIFIED**

JUNE 1, 1962