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NEW MEXICO OIL CONSERVATION COMMISSION

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FEB 25 1977

O.C.C.

ARTERIA, OFFICE

30-015-22079

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE
FEE

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well
2. Name of Operator
3. Address of Operator
4. Location of Well
19. Proposed Depth
20. Rotary or C.T.
21. Elevations
21A. Kind & Status Plug. Bond
21B. Drilling Contractor
22. Approx. Date Work will start

7. Unit Agreement Name
8. Firm or Lease Name
9. Well No.
10. Field and Pool, or Wildcat
12. County
20. Rotary or C.T.

PROPOSED CASING AND CEMENT PROGRAM

Table with 6 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, SACKS OF CEMENT, EST. TOP. Contains data for 12 1/4 and 7 7/8 inch holes.

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

APPROVED FOR PERMIT UNLESS DRILLING COMMENCED,

EXPIRES 6-18-77

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Allen V. Hendley Title STAFF ASSISTANT [SG] Date 2-24-77

4-NMOCC-A
1-DIV
1-SUSP
APPROVED BY W.A. Gessert
TITLE SUPERVISOR, DIVISION OF M
DATE MAR 18 1977
CONDITIONS OF APPROVAL, IF ANY:
2-BASS
1-MARATHON

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FEB 11 1977

D.C.  
FEDERAL BUREAU OF INVESTIGATION

NEW MEXICO OIL, GAS, AND MINERAL COMMISSION  
WELL LOCATION AND ACRES DEDICATED TO THE WELL

All distances must be in feet, and must be in whole feet.

|                           |                              |                           |                       |             |
|---------------------------|------------------------------|---------------------------|-----------------------|-------------|
| Amoco Production Company  |                              | Old Indian Draw           |                       | Well No. 19 |
| K                         | 7                            | 22 South                  | 28 East               | Eddy        |
| 1657                      | feet from the                | South                     | line and              | 1750        |
| feet to the               | West                         |                           |                       |             |
| Ground Level Elev. 3092.3 | Producing Formation DELAWARE | Foot INDIAN DRAW DELAWARE | Dedicated Acreage: 40 | Acres       |

1. Outline the acreage dedicated to the subject well by colored pencil or hashure 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 \_\_\_\_\_

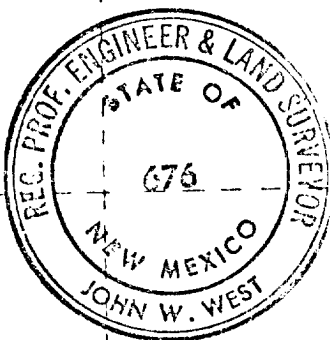
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

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.

RECEIVED

MAR 14 1977

O. C. C.  
ARTESIA, OFFICE



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 March 11, 1977

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 February 11, 1977

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. 676

330 860 1320 1650 1940 2310 2640 2900 3200 3500 3800 4100 4400 4700 5000 5300 5600 5900 6200 6500 6800 7100 7400 7700 8000 8300 8600 8900 9200 9500 9800 10100 10400 10700 11000 11300 11600 11900 12200 12500 12800 13100 13400 13700 14000 14300 14600 14900 15200 15500 15800 16100 16400 16700 17000 17300 17600 17900 18200 18500 18800 19100 19400 19700 20000

**N MEXICO OIL CONSERVATION COMMISS**  
**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

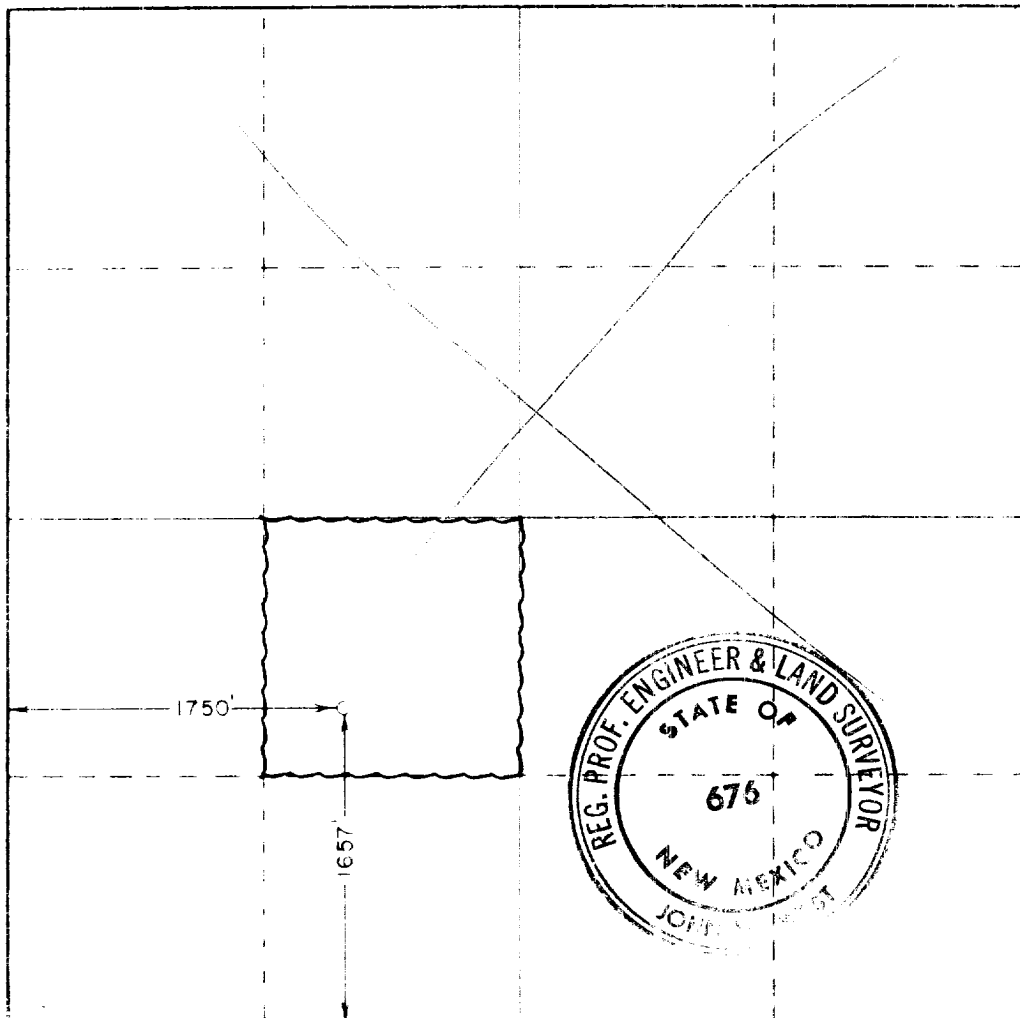
|  |  |                             |                                     |                       |                                       |
|--|--|-----------------------------|-------------------------------------|-----------------------|---------------------------------------|
| Operator<br><b>AMOCO PRODUCTION COMPANY</b>  |  |                             | Lease<br><b>OLD INDIAN DRAW</b>     |                       | Well No.<br><b>19</b>                 |
| Unit Letter<br><b>K</b>  | Section<br><b>7</b>                    | Township<br><b>22 South</b> | Range<br><b>28 East</b>             | County<br><b>Eddy</b> |                                       |
| Actual Footage Location of Well:<br><b>1657</b> feet from the <b>South</b> line and <b>1750</b> feet from the <b>West</b> line |  |                             |                                     |                       |                                       |
| Ground Level Elev.<br><b>3092.3</b>  | Producing Formation<br><b>DELAWARE</b> |                             | Pool<br><b>INDIAN DRAW DELAWARE</b> |                       | Dedicated Acreage:<br><b>40</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.



**CERTIFICATION**

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

Name: *Alta V. Hendley*  
 Position: STAFF ASSISTANT [SG]  
 Company: AMOCO PRODUCTION COMPANY  
 Date: FEBRUARY 24, 1977

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.

**February 11, 1977**

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

*John W. West*  
 Certificate No. **676**

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

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

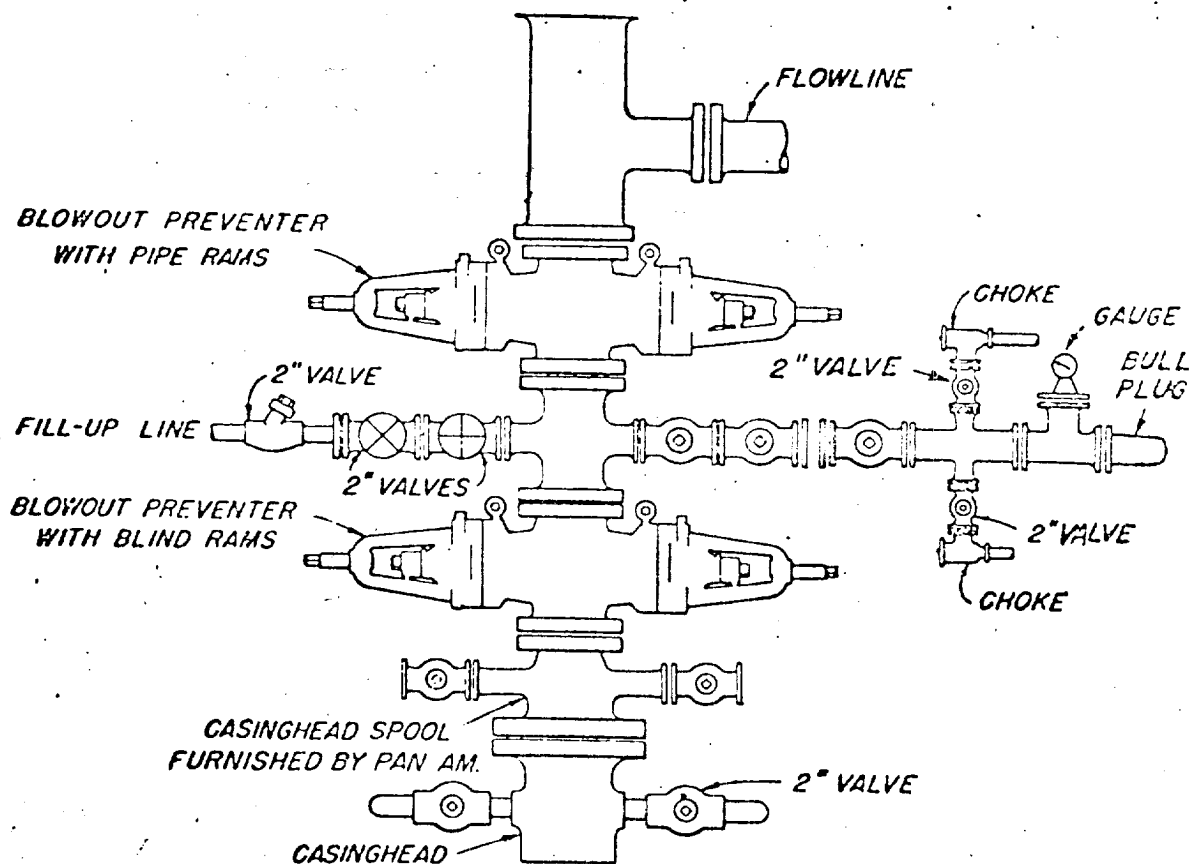
1. Blow-out preventers and master valve to be fluid operated and all fittings must be in good condition, 3,000# W.P. (6,000 p.s.i. test), minimum.
2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
3. Nipple above blow-out preventer 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-I MODIFIED**

JUNE 1, 1962