Form 9-331 C
(May 1963)

30-025-31010

SUBMIT IN PLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

# UNITED STATES
# DEPARTMENT OF THE INTERIOR
## GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: NM 40456

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Chevron U.S.A. Inc.

8. FARM OR LEASE NAME: Sprinkle "B" Federal

3. ADDRESS OF OPERATOR: P.O. Box 670, Hobbs, NM 88240

9. WELL NO.: 2

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 2310'FNL & 330'FWL
At proposed prod. zone:

10. FIELD AND POOL, OR WILDCAT: Young North (Bone Springs)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 1, T18S, R32E

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

12. COUNTY OR PARISH: Lea

13. STATE: NM

| | | | |
|---|---|---|---|
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) | 330 | 16. NO. OF ACRES IN LEASE: 440 | 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: 9400' | 20. ROTARY OR CABLE TOOLS: Rotary |

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3901.9'

22. APPROX. DATE WORK WILL START*: 9-1-90

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|---|---|---|---|---|
| 14 3/4 | 11 3/4 | 42# | 500 | 500 sx Circ. |
| 11 | 8 5/8 | 32# | 3800 | 1200 sx Circ. |
| 7 7/8 | 5 1/2 | 17 & 20 | 9200 | 1500 sx Tie into 8 5/8" |

MUD PROGRAM: 0 - 450 FW SPUD MUD 8.6-8.8 PPG 32-36 VIS 8-9PH
450 - 3800 NATIVE TO BRINE H2O 9.0-10.1 PPG 28-32 VIS 8-9PH
3800 - 9200 CUT BRINE 8.4-9.2 PPG 28-32 VIS 8-9 PH

BOP EQUIPMENT: SEE ATTACHED DRAWING FOR 3000 PSI WORKING PRESSURE

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

RECEIVED
JUL 20 1990
O. C. D.
HOBBS, OFFICE

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 Richard A. Smith TITLE Div. Drlg. Mgr. DATE 7-16-90

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE 9-13-90

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

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

State of New Mexico
Energy, Minerals and Natural Resources Depart...t

# OIL CONSERVATION DIVISION

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

Form C-102
Revised 1-1-89

## WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

| Operator | | | Lease | | Well No. |
|---|---|---|---|---|---|
| CHEVRON USA, INC | | | Sprinkle B Federal | | 2 |
| **Unit Letter** | **Section** | **Township** | **Range** | | **County** |
| E | 1 | 18 South | 32 East | NMPM | Lea |

Actual Footage Location of Well:
2310 feet from the North line and 330 feet from the West line

| Ground level Elev. | Producing Formation | Pool | Dedicated Acreage: |
|---|---|---|---|
| 3901.9 | Bone Springs | Young North | 40 Acres |

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

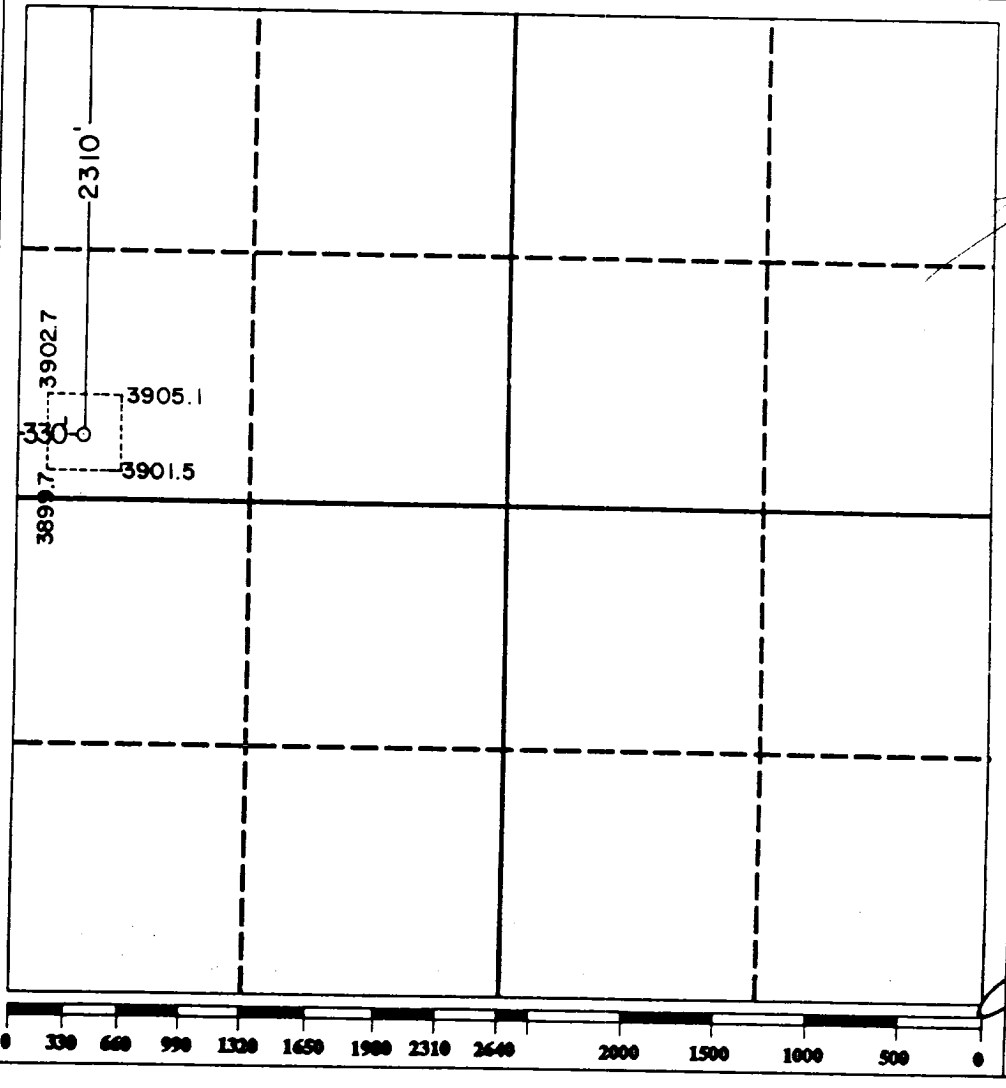
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.




### OPERATOR CERTIFICATION

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

Signature: [signature]

Printed Name: R. C. Smith

Position: Div. Drlg. Mgr.

Company: Chevron U.S.A. Inc.

Date: 7-18-90

### 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 knowledge and belief.*

Date Surveyed: July 17 1990

Signature & Seal of Professional Surveyor: [signature]

REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR NO. 676 NEW MEXICO JOHN W. WEST

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

128630

# HOBBS DIVISION CLASS III PREVENTER

505-885-9264



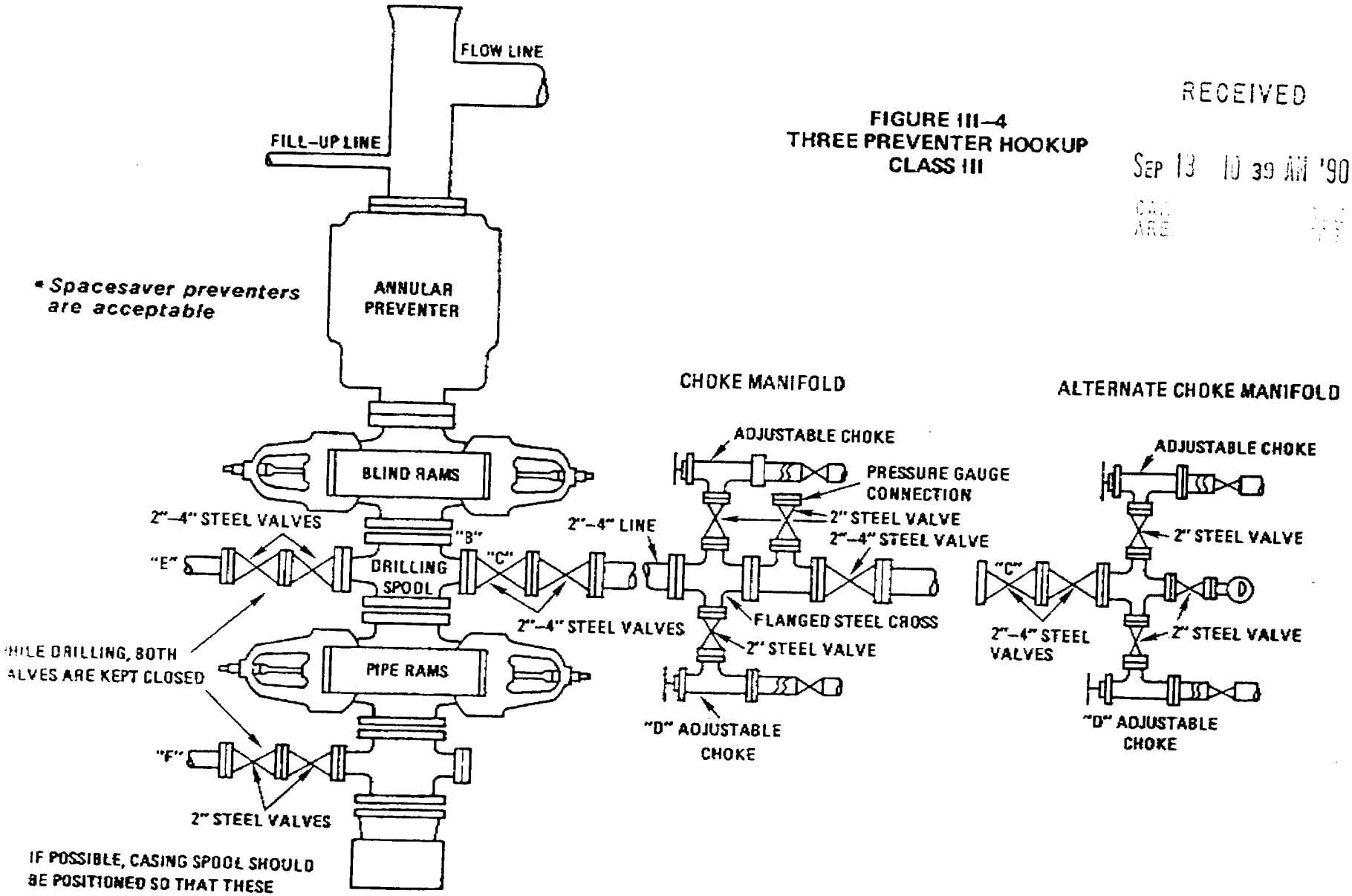



**FIGURE III–4**
**THREE PREVENTER HOOKUP**
**CLASS III**

GENERAL INSTRUCTIONS ON PAGE FOLLOWING FIGURE III–7

— OVER —

LE 81–7511
Revision 4 (1982)

ELF

Mich 10/31/90