

NEW MEX. COMMISSION UNITED STATES  
Draper DD DEPARTMENT OF THE INTERIOR  
Artesia, NM 88210 GEOLOGICAL SURVEY

30-005-62072  
5. LEASE DESIGNATION / SERIAL NO.

NM 38342

# 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

2. NAME OF OPERATOR

STEVENS OPERATING CORPORATION

3. ADDRESS OF OPERATOR

P. O. Box 2408, Roswell, New Mexico 88201

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

At surface

660 FSL 1980 FWL, Sec. 9, T-7-S, R-26-E

At proposed prod. zone Same

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NOV 15 1983

ARTESIA, OFFICE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Helen Collins Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Peños Slope Abo

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA

Sec. 9, T-7-S, R-26-E

12. COUNTY OR PARISH

Chaves

13. STATE

NM

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

25.5 air miles northeast of Roswell, New Mexico

15. DISTANCE FROM PROPOSED\*

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

660

16. NO. OF ACRES IN LEASE

1160

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

18. DISTANCE FROM PROPOSED\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

4500

20. ROTARY OR CABLE TOOLS

rotary

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

3656.95 GR

22. APPROX. DATE WORK WILL START\*

November 14, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM\*

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT            |
|--------------|----------------|-----------------|---------------|-------------------------------|
| 11"          | 8 5/8"         | 24.0#           | 750'          | Sufficient to circulate       |
| 7 7/8"       | 4 1/2"         | 10.5#           | 4500'         | Sufficient to tie into 8 5/8" |

Well will be drilled to a total depth of 4500 feet, potential zones will be evaluated.  
If commercial production is indicated, well will be selectively perforated and stimulated.

Gas is dedicated under Contract No. 5304 with Transwestern Pipeline Company.

Attached are: 1. Well location and dedication plat  
2. Supplemental drilling data  
3. Surface use plan

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OIL & GAS

ROSWELL, NEW MEXICO

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 Production Controller

DATE November 4, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

ASSISTANT

APPROVED BY ORIG. SIGNED JAMES A. GILLHAM

TITLE

District Manager

DATE

11/14/83

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

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<br><b>STEVENS OPERATING CO.</b>  |                                   |                            | Lease<br><b>HELLEN COLLINS FEDERAL</b> |                         | Well No.<br><b>3</b>                   |
| Tract Letter<br><b>N</b>  | Section<br><b>9</b>               | Township<br><b>7 SOUTH</b> | Range<br><b>26 EAST</b>                | County<br><b>CHAVES</b> |  |
| Actual Footage Location of Well:<br><b>660</b> feet from the <b>SOUTH</b> line and <b>1980</b> feet from the <b>WEST</b> line |                                   |                            |  |                         |  |
| Ground Level Elev.<br><b>3656.95</b>  | Producing Formation<br><b>Abo</b> |                            | Pool<br><b>Pecos Slope Abo</b>         |                         | Dedicated Acreage:<br><b>160</b> Acres |

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

*Pat Thompson*  
Name  
**Pat Thompson**

Position  
**Production Controller**

Company  
**Stevens Operating Corporation**

Date  
**November 4, 1983**

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.

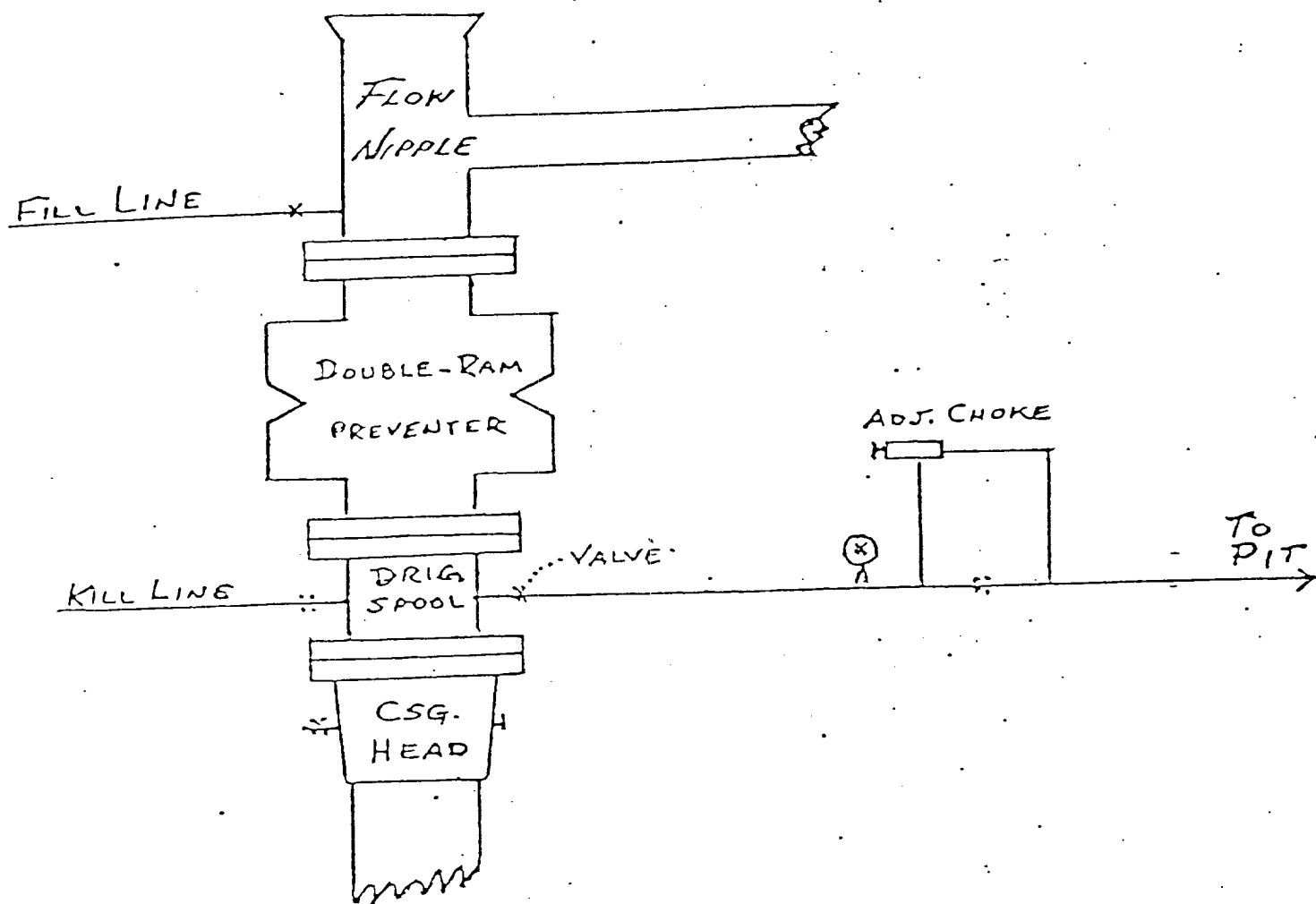
Date Surveyed  
**OCTOBER 24, 1983**

Registered Professional Engineer  
and/or Land Surveyor

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

# B O P & CHOKE MANIFOLD

SERIES 900



STEVENS OPERATING CORPORATION

HELEN COLLINS FEDERAL #3

660 FSL 1980 FWL, SEC. 9, T7S, R26E

CHAVES COUNTY, NEW MEXICO

SUPPLEMENTAL DRILLING DATE

STEVENS OPERATING CORPORATION  
WELL #3 HELEN-COLLINS FEDERAL  
660 FSL 1980 FWL, Sec. 9, T7S, R26E  
Chaves County, New Mexico

1. SURFACR FORMATION: Alluvium

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

|            |       |
|------------|-------|
| San Andres | 570'  |
| Glorietta  | 1650' |
| Abo        | 3800' |

3. ANTICIPATED POROSITY ZONES:

|       |              |
|-------|--------------|
| Water | 150 - 200'   |
| Oil   | 1200 - 1300' |
| Gas   | 3970 - 4450' |

4. CASING DESIGN:

| <u>Size</u> | <u>Interval</u> | <u>Weight</u> | <u>Grade</u> | <u>Joint</u> | <u>Condition</u> |
|-------------|-----------------|---------------|--------------|--------------|------------------|
| 8 5/8"      | 0 - 750'        | 24.0#         | K-55         | STC          | New              |
| 4 1/2"      | 0 - 4500'       | 10.5#         | K-55         | STC          | New              |

5. SURFACE CONTROL EQUIPMENT: A double ram-type preventer (600 series).  
A sketch of BOP stack is attached.

6. CIRCULATION MEDIUM:

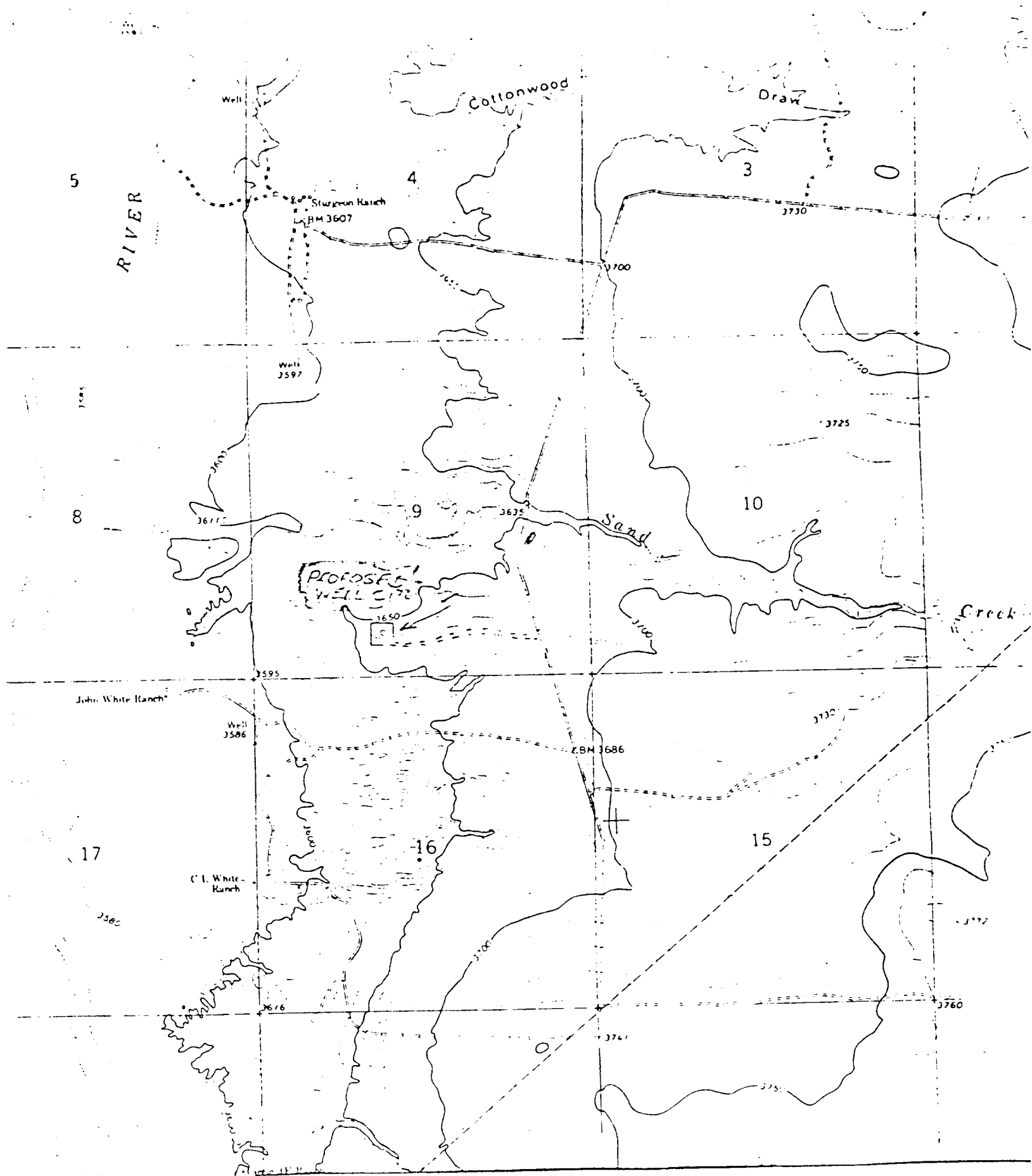
|            |   |
|------------|---|
| 0 - 750    | Fresh water mud with gel added if needed for viscosity.                           |
| 750 - 4500 | Salt water mud, conditioned as necessary for control of viscosity and water loss. |

7. AUXILIARY EQUIPMENT: Drill string safety valve.

8. TESTING, LOGGING, AND CORING PROGRAMS: Coring & testing may be performed in zones of interest. Compensated Neutron-Formation Density w/Gamma Ray Log, O-TD; Dual Laterolog, shoe to TD.

9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: Non anticipated.

10. ANTICIPATED DATES: It is planned that operations will commence about November 14, 1983. Duration of drilling and completion operations should be 20 to 60 days.



SUPPLEMENTAL EXHIBIT " B "

TOPOGRAPHIC MAP

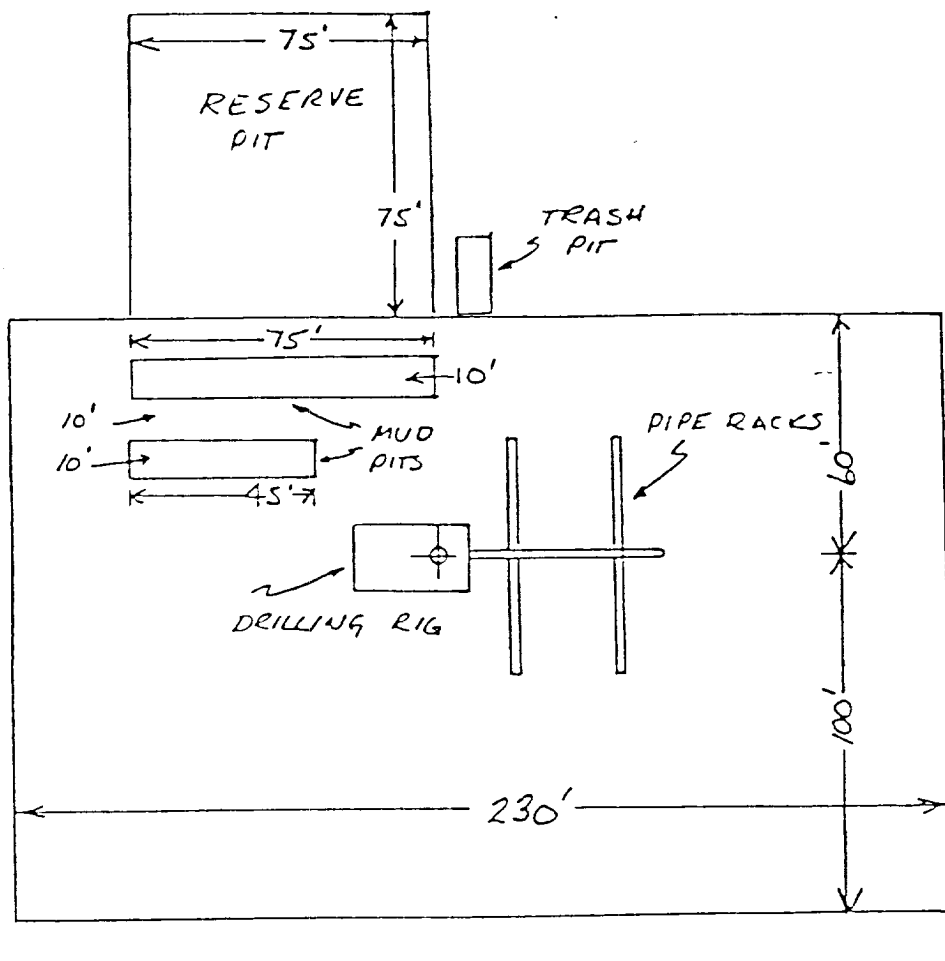
STEVENS OPERATING CORPORATION

660' FSL, 1980 FWL, SEC 9-T7S-R26E

WELL #3 HELEN-COLLINS FEDERAL

County Road = = =

New Road = = = =



SUPPLEMENTAL EXHIBIT " D "

WELL PAD

STEVENS OPERATING CORPORATION  
 WELL #3 HELEN-COLLINS FEDERAL  
 660' FSL, 1980' FWL, SEC 9-T7S-R26E  
 CHAVES COUNTY, NEW MEXICO

SURFACE AGREEMENT FOR SE $\frac{1}{4}$ , SW $\frac{1}{4}$  - SEC. 9, T7S, R26E

Records show that the above-described tract of land is owned as follows:

|                          |  |
|--------------------------|--|
| Surface:                 | Charles Wagner<br>P.O. Box 1123, Roswell, NM |
| Minerals:                | U.S. Government                              |
| Oil & Gas Leases:        | Helen V. Collins                             |
| Designation of Operator: | Stevens Operation Corp.                      |

This is to advise that STEVENS has made an agreement with Mr. Wagner for use of existing access roads to the proposed new location and for the construction and use of the proposed new road and wellsite along with associated pits. Upon abandonment, the pits will be filled and the location cleaned. No stipulations were made by Mr. Wagner requiring surface restoration of the road or well pad areas.

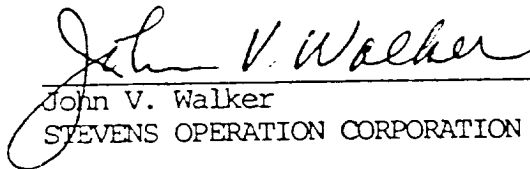
  
John V. Walker  
STEVENS OPERATION CORPORATION

EXHIBIT "E"

STEVENS OPERATION CORP.  
WELL #3 HELEN COLLINS FED.  
660 FSL, 1980 FWL, SEC. 9, T7S - R26E