

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
DRILL ☒ DEEPEN ☐

b. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR  
21170  
J. I. (Sonny) Longo d/b/a SOUTHEASTERN PETROLEUM INC.

3. ADDRESS AND TELEPHONE NO.  
1601 East 2nd Street, Roswell, N.M. 88201, 1-505-625-0204

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 2311.2 ft. FNL; 1035 ft. FWL (SESWNW)  
At proposed prod. zone VERTICAL to 275 ft. deep

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
27 miles, South/west of the Town of Cuba, NM

15. DISTANCE FROM PROPOSED\* 275 ft. F/Leaseline  
LOCATION TO NEAREST 275 ft. F/Le 474  
PROPERTY OR LEASE LINE, FT. Unit line  
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE  
40

17. NO. OF ACRES ASSIGNED TO THIS WELL  
Jointly-with other wells not drilled yet

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT.  
366 ft

19. PROPOSED DEPTH  
314 ft

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
Gr. 6404

22. APPROX. DATE WORK WILL START\*  
May 18, 1993

5. LEASE DESIGNATION AND SERIAL NO.  
BLW NM 84811

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
Bobcat #3

9. API WELL NO.  
30-043-20903

10. FIELD AND POOL, OR WILDCAT  
SOUTH SAN LUIS-33630  
YESAVERDE OIL FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
E SECTION 4, T17N/R3 W

12. COUNTY OR PARISH  
SANDOVAL

13. STATE  
N.M.

| 23. PROPOSED CASING AND CEMENTING PROGRAM |                      |                 |               |                     |
|-------------------------------------------|----------------------|-----------------|---------------|---------------------|
| SIZE OF HOLE                              | GRADE SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT  |
| 10 5/8 in.                                | J55-8 5/8 in.        | 24#             | 25 ft.        | 5 sacks to surface  |
| 6 3/4 in.                                 | J55-4 1/2 in.        | 9.5#            | 314 ft.       | 38 sacks to surface |

Drilling fluid will be Bentonite Mud

A blowout preventer will be used, which will be a B.O.P. Hy-Drill unit with a 2000 # system.

All choke valves and lines will be 2" minimum.

The 2000# system will be maintained in accordance with all requirements specified in Section III. All of onshore order 2, except where variations are presented in this A.F.D. application

RECEIVED  
SEP 22 1993

RECEIVED  
JUL 2 1993  
OIL CON. DIV

IN ABOVE SPACE DESCRIBE PROPOSED PRODUCTION: If new well, give data on present productive zone. If proposed new productive zone, give data on present productive zone. If proposal is to drill or re-perforate, give pertinent data on subsurface conditions measured and true vertical depths. Give blowout preventer program, if any.

For Southeastern Pet. Inc. TITLE OPERATOR DATE April 7, 1993  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

C-104 For New C-102  
5/Yolanda Vega Acting AREA MANAGER  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

JUN 28 1993

\*See Instructions On Reverse Side NMCCD

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

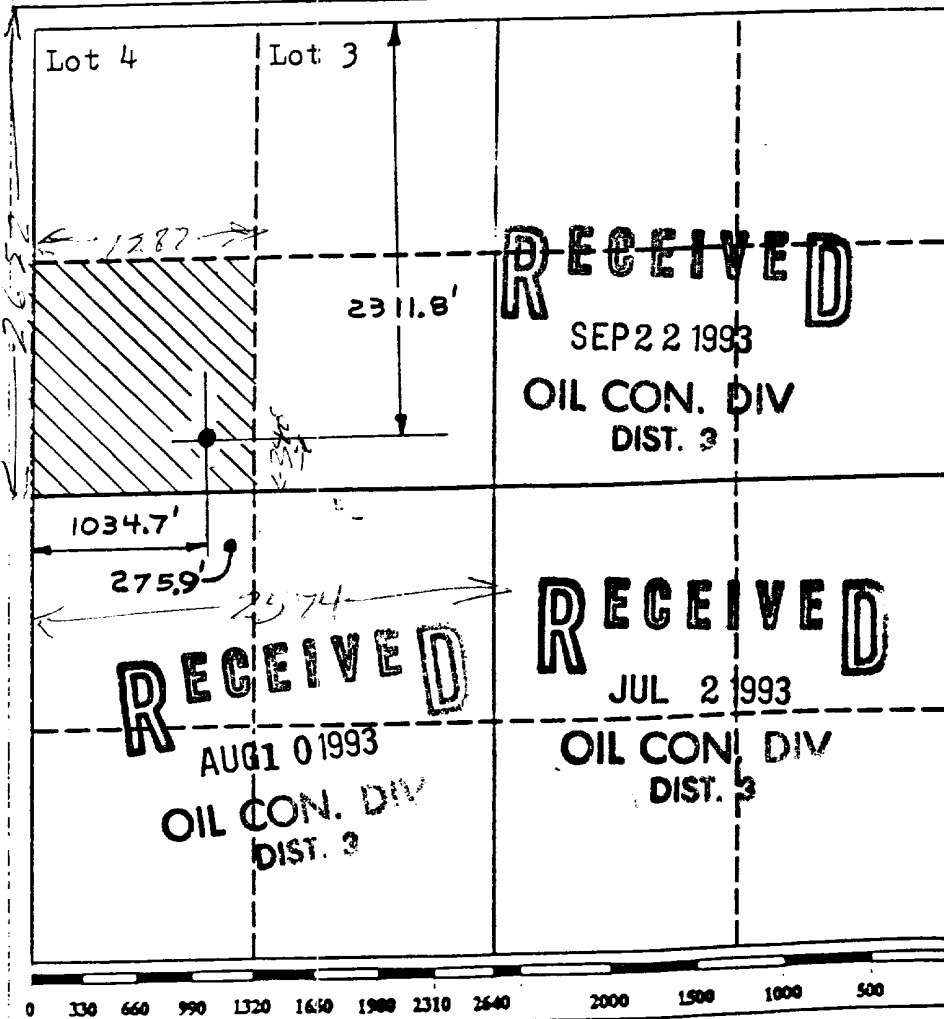
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

|                                           |                           |                         |
|-------------------------------------------|---------------------------|-------------------------|
| Operator<br><i>Southeastern Pet. Inc.</i> | Lease<br><i>Robert</i>    | Well No.<br><i>3</i>    |
| Unit Leader<br><i>E</i>                   | Section<br><i>4</i>       | Township<br><i>17 N</i> |
| Range<br><i>3 N</i>                       | County<br><i>SANDOVAL</i> |                         |

|                                                   |                                         |                                                        |                                                                                        |      |
|---------------------------------------------------|-----------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------|------|
| Actual Footage Location of Well.<br><i>2312.8</i> | feet from the<br><i>NORTH</i>           | line and<br><i>1034.7</i>                              | feet from the<br><i>WEST</i>                                                           | line |
| Ground level Elev.<br><i>6404</i>                 | Producing Formation<br><i>MESAVERDE</i> | Pool<br><i>SOUTH SAN LUIS-<br/>MESAVERDE OIL FIELD</i> | Dedicated Acreage:<br><i>40 acres jointly<br/>with other wells<br/>not drilled yet</i> |      |

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  
☒ Yes ☐ No If answer is "yes" type of consolidation *ONE OWNERSHIP*  
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 is true and complete to the best of my knowledge and belief.

Signature  
*Charles M. Goad*

Printed Name  
*CHARLES M. GOAD*

Position  
*OPERATOR/OWNER*

Company  
*d/b/a GOLA OIL CO*

Date  
*MARCH 18, 1993*

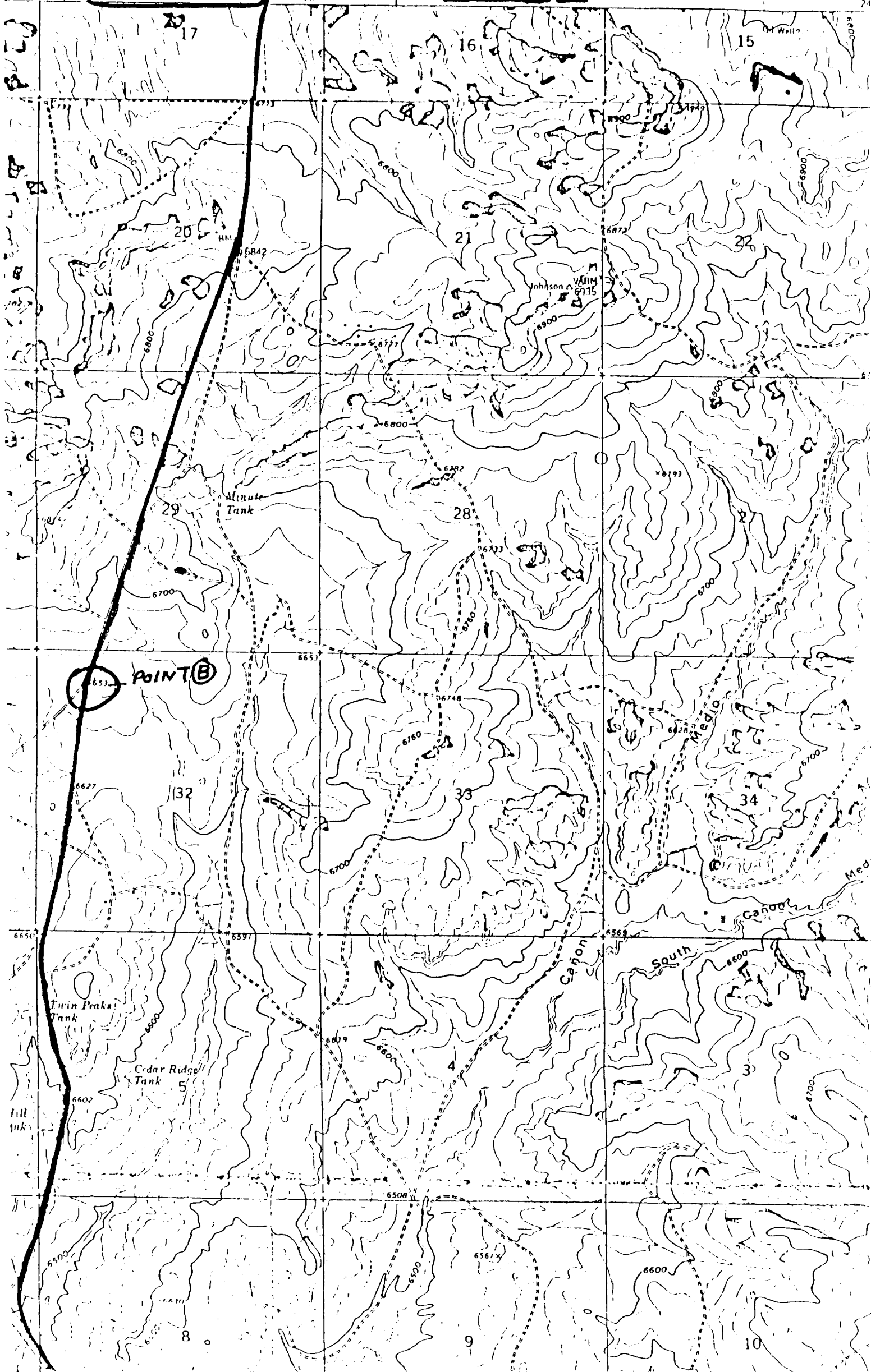
SURVEYOR CERTIFICATION

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  
*MARCH 4, 1993*

Signature & Seal of Professional Surveyor  
*NORTH STAR LAND SURVEYING  
KEITH L. STOKER*

Certificate No.  
*N.M.R.L.S. 14014*



C90A NEW MEXICO

EX. "E<sub>1</sub>"

POINT "B<sub>1</sub>"

POINT  
OF  
SEC. 21

GAS PIPE ROAD

POINT C

GATE

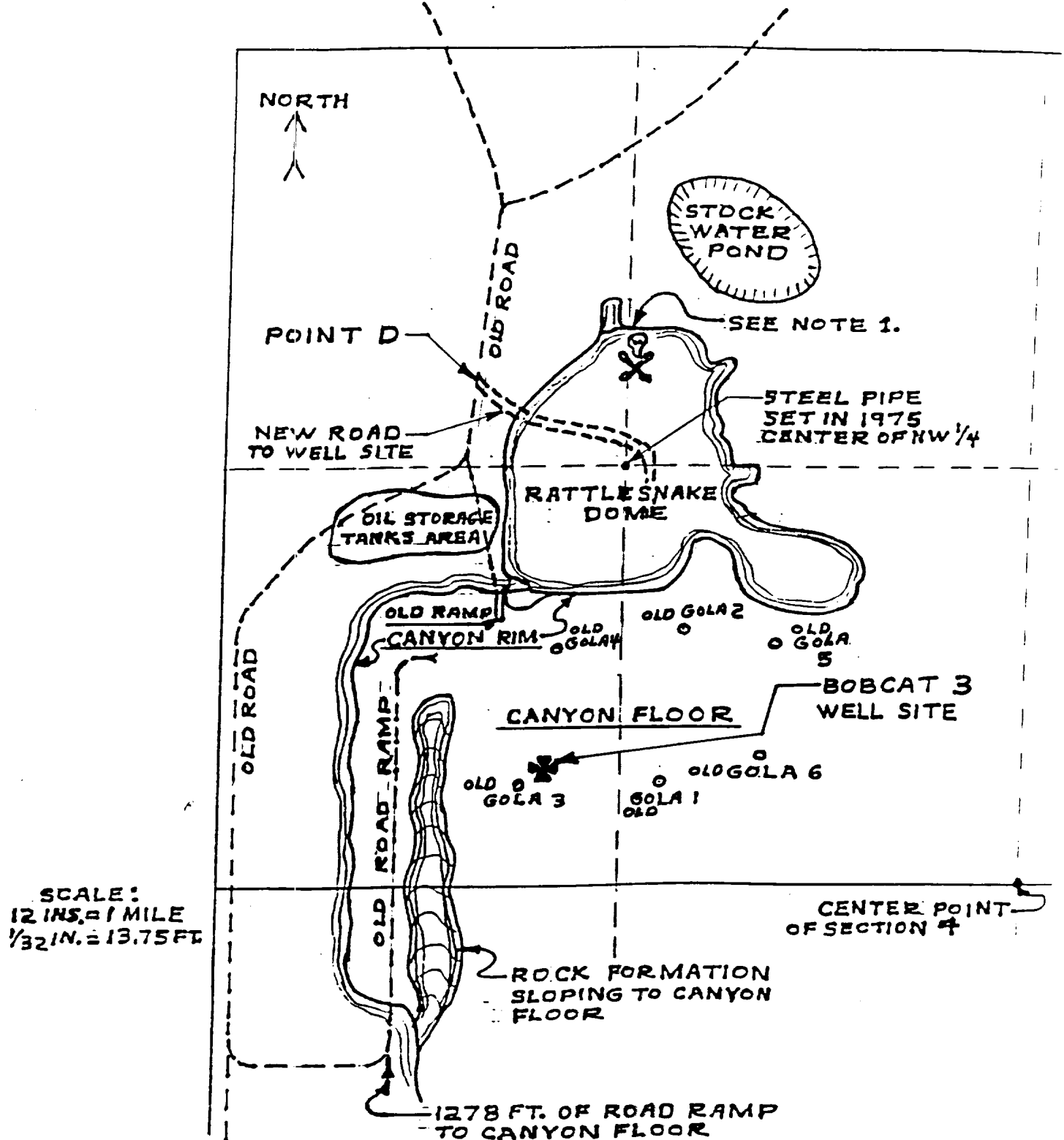
POINT  
4/8

HOLE SITE  
BOBCAT 3

T18N  
T1711

R 3W

EXHIBIT 'E'<sub>2</sub>  
 APPROACH ROADS  
 TO WELL SITE  
 NW 1/4 SECTION 4 T17N/R3W



NOTES:

1. ALL LAND INSPECTORS BE-WARE ROCKY SHELIVING PROJECTING OUT ARE HOUSING RATTLESNAKE DENS UNDER THESE SHELIVES IN THIS AREA-MANY-MANY BIG-BIG SNAKES.
2. CANYON FLOOR IS APPROXIMATELY 74 FT. LOWER THAN TOP OF DOME. BY C.M. GOAD