

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

|                                                                                                                                                                                                                         |  |  |                                                                 |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-----------------------------------------------------------------|--|
| 1a. TYPE OF WORK<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>                                                                                        |  |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM 0597563               |  |
| b. TYPE OF WELL<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                            |  |
| 2. NAME OF OPERATOR<br>Dalport Oil Corp.                                                                                                                                                                                |  |  | 7. UNIT AGREEMENT NAME                                          |  |
| 3. ADDRESS OF OPERATOR<br>3471 First National Bank Bldg. Dallas, TX                                                                                                                                                     |  |  | 8. FARM OR LEASE NAME<br>Tudhunter-Federal                      |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*<br>At surface<br>990' FWL, 330' FWL<br>At proposed prod. zone<br>same                                                     |  |  | 9. WELL NO.<br>3                                                |  |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*<br>14 miles north, 2 miles west of Loco Hills                                                                                                     |  |  | 10. FIELD AND POOL, OR WILDCAT<br>Lucky Lake-South, Queen       |  |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)<br>330'                                                                                           |  |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>22, 15S-29E |  |
| 16. NO. OF ACRES IN LEASE<br>120                                                                                                                                                                                        |  |  | 12. COUNTY OR PARISH<br>Chaves                                  |  |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL<br>40                                                                                                                                                                            |  |  | 13. STATE<br>NM                                                 |  |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.<br>990'                                                                                                   |  |  | 19. PROPOSED DEPTH<br>1900'                                     |  |
| 20. ROTARY OR CABLE TOOLS<br>Rotary                                                                                                                                                                                     |  |  | 21. APPROX. DATE WORK WILL START*<br>immediately                |  |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.)                                                                                                                                                                          |  |  |                                                                 |  |

## 23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT         |
|--------------|----------------|-----------------|---------------|----------------------------|
| 11"          | 8 5/8"         | 20              | 240           | 175 cu 'c' + 2% c.c.-circ. |
| 7 7/8"       | 4 1/2"         | 10.5            | 1900          | 125 cu lts, 150 cu 'c'     |
|              |                |                 |               | 2% gal, 8% salt/each       |

Will evaluate Queen. If productive, will perforate w/2 SPF, acidize w/1000 gal 7 1/2%, fracture w/30,000 gal of 2% KCl water + 45,000# sand. If dry, will clean & level location, set 4' steel marker.

RECEIVED

JUL 1 1975

O. C. C.  
ARTESIA, OFFICERECEIVED  
JUN 23 1975  
U. S. GEOLOGICAL SURVEY  
ARTESIA, 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 James M. L. L. L. TITLE geologist DATE 6-20-75

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE JUN 26 1975APPROVED BY Joe E. Knapp TITLE DISTRICT ENGINEER DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.

\*See Instructions On Reverse Side

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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

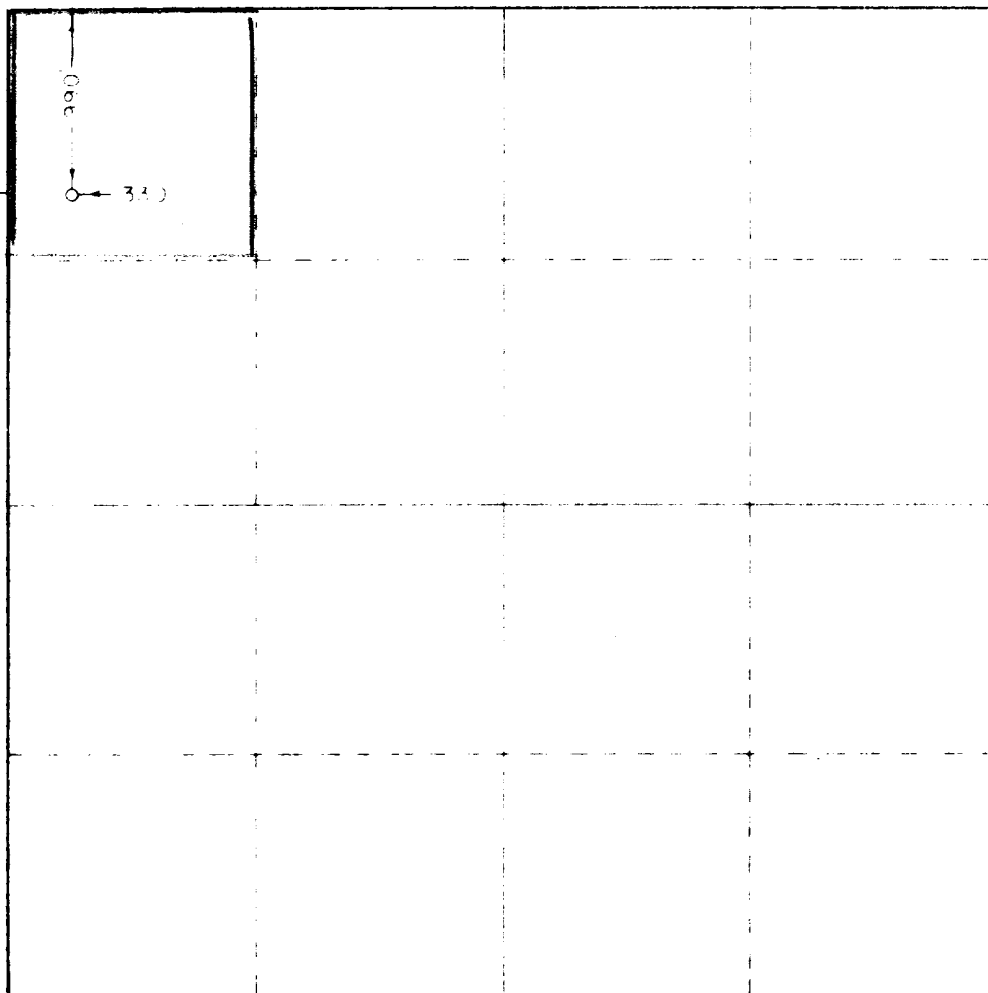
|                                                                                                                                        |                      |                                   |                         |                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------------|-------------------------|----------------------------------------------------|
| Owner<br><b>DALPORT OIL CORPORATION</b>                                                                                                |                      | Lease<br><b>TODHUNTER FEDERAL</b> |                         | Well No.<br><b>3</b>                               |
| Section<br><b>D</b>                                                                                                                    | Section<br><b>22</b> | Range<br><b>15 SOUTH</b>          | Range<br><b>29 EAST</b> | County<br><b>CHAVES</b>                            |
| Distance from the North line and West line<br><b>990</b> feet from the <b>NORTH</b> line and <b>330</b> feet from the <b>WEST</b> line |                      |                                   |                         |                                                    |
| Acres<br><b>3828.6</b>                                                                                                                 |                      | Tract description<br><b>Queen</b> |                         | Tract description<br><b>Lucky Lake Queen-South</b> |

- 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 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, force-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

*Leon H. Lampert*

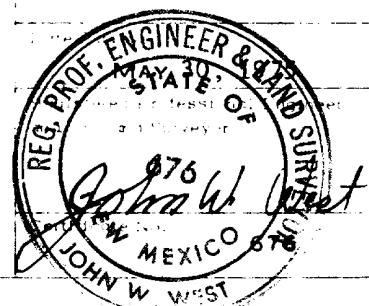
**Leon H. Lampert**

**geologist**

**Dalport Oil Corp.**

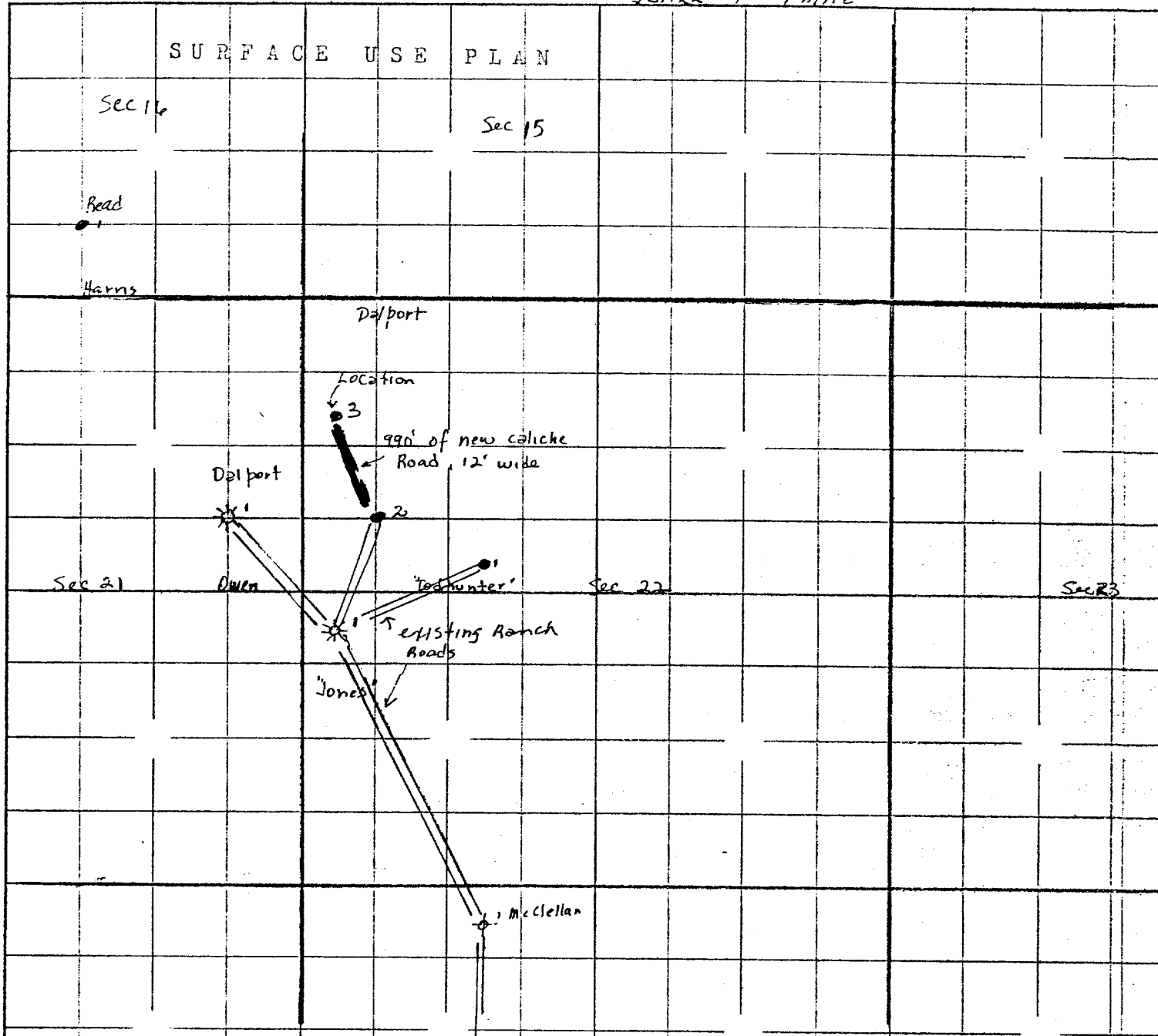
**6-19-73**

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



330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900

SCALE 4" = 1 mile

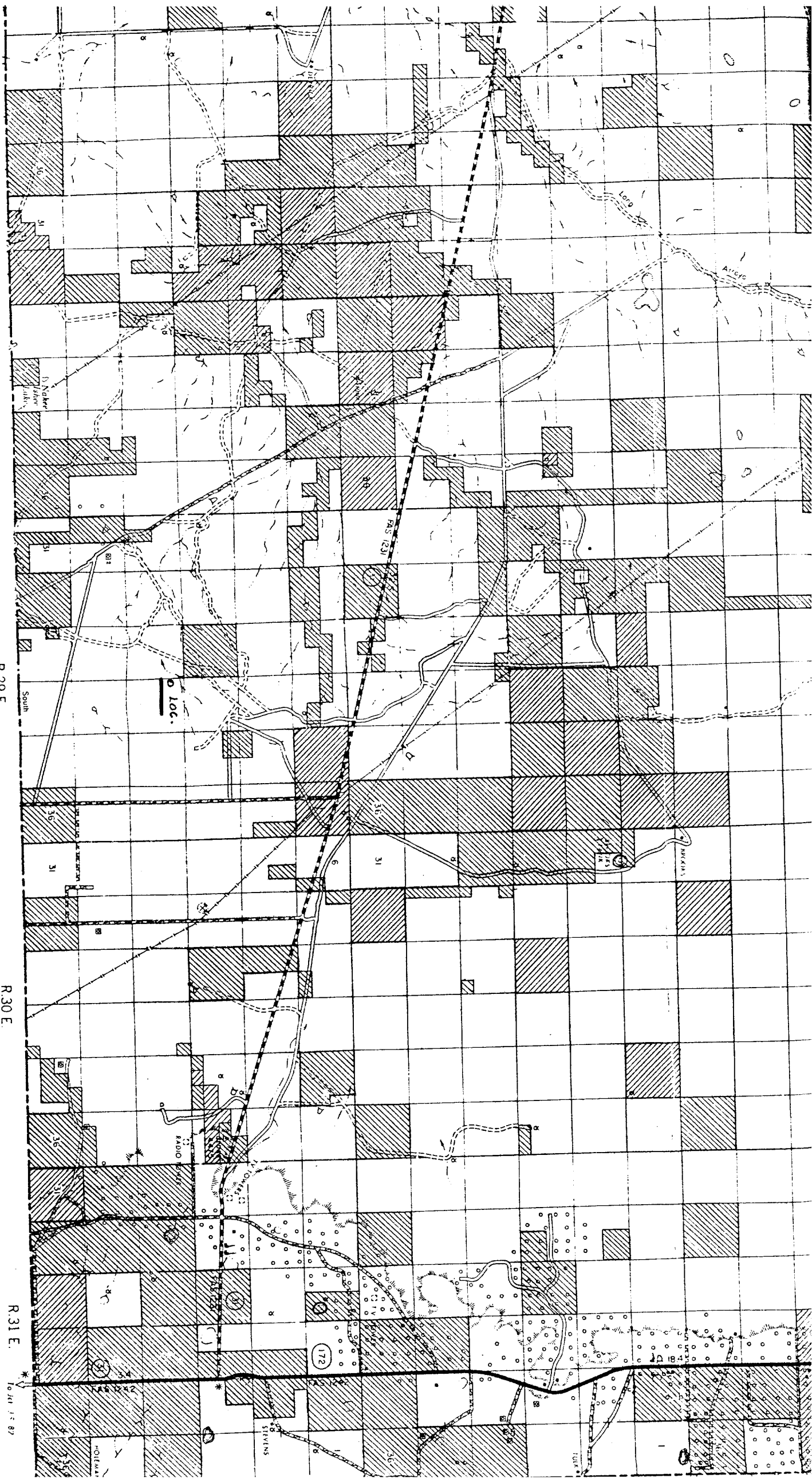


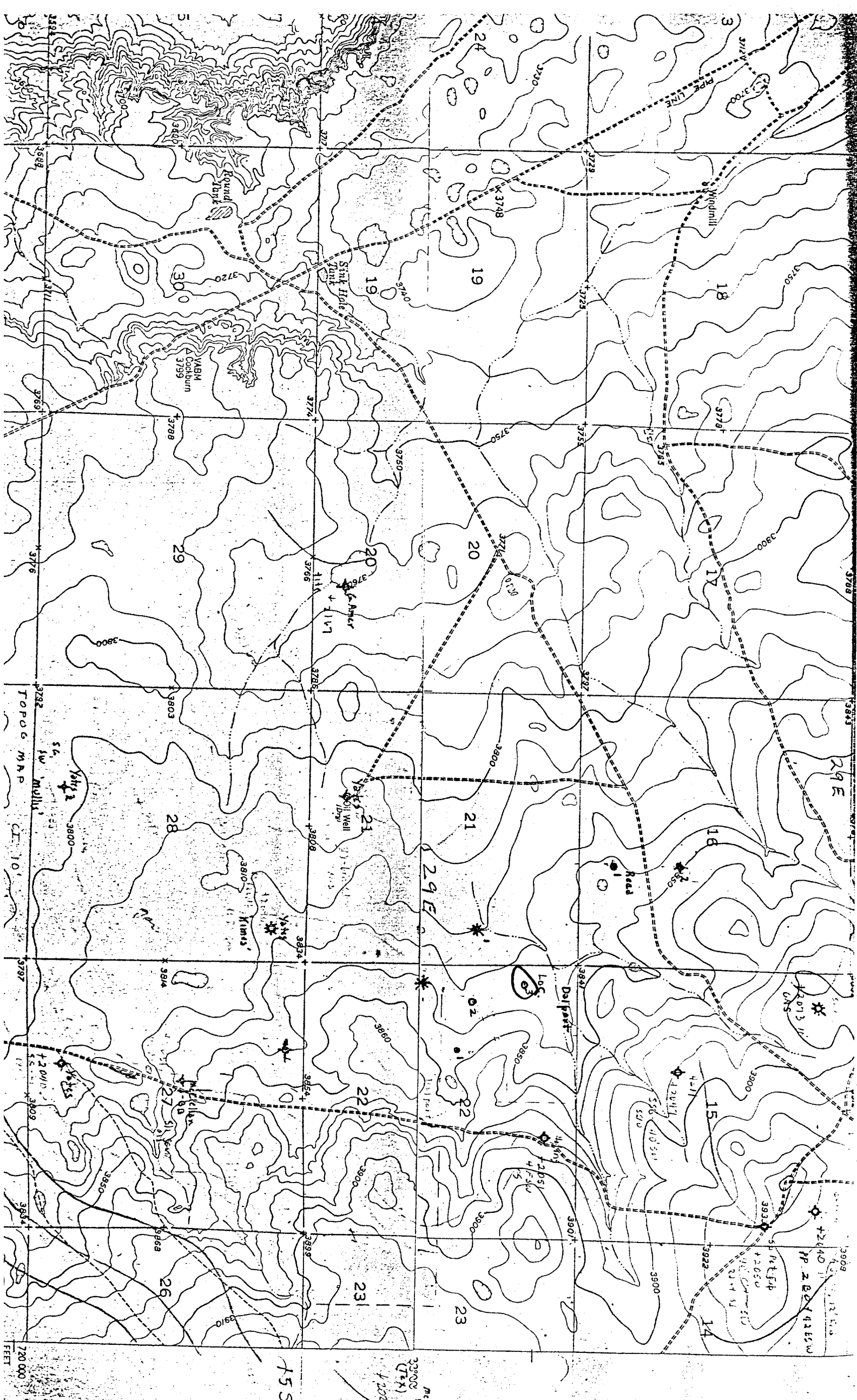
ACCESS ROAD - 14 Miles  
 NEAREST PRODUCTION - One location to south  
 WELL MAT - 120' x 160' x 110', will be topped with 6" caliche, watered, bladed  
 Reserve Pit 100' x 50' to north of mat  
 CUT AND FILL - location nearly level  
 DRILL SITE LAYOUT - included herein  
 Setting and Environment - 1. Low rolling sand hills. 2. Sandy soil  
 3. Sparse vegetation, grease wood, shinnery, very little grass  
 4. Surface use is grazing 5. Drillsite, in flat semi-arid desert  
 area is in a low environmental risk area. The total effect of  
 drilling and producing would be very minimal  
 PONDS AND WATER - No streams, ponds, or windmills, or houses within 1/2 mile  
 OPEN PITS - Will be guarded while drilling, fenced if productive  
 ROADS - Existing roads shown on enclosed plat; Plan to build 990' of new  
 caliche road, 12' wide. Unimproved roads to be bladed. Caliche to  
 be bought from BLM by dirt contractor.  
 FENCES - Will contact ranchers about cutting fences and installing  
 cattle guards  
 TANK BATTERY - If production is established, battery to be located in  
 Battery is on lease  
 LEASE PIPELINES - If line is constructed, will be on mat  
 WASTE DISPOSAL - Cuttings, trash, will be buried in pit under minimum cover  
 of 24" of dirt. Detrimental trash to be hauled away. Any produced water  
 to be collected in tanks or disposed of by application to the Survey  
 and subsequent approval of application.  
 WATER SUPPLY - Water to be trucked in.  
 Archaeological - None observed  
 RESTORATION OF SURFACE - If well is productive, pits will be leveled and upon  
 abandonment, well site to be cleaned, leveled, and restored as near to orig.  
 condition

FIELD & PRODUCTION REPRESENTATIVE - A.C. Magee, 3304 Trailing Heart, Roswell  
 Mobile phone 505-6763330 home 623-5868

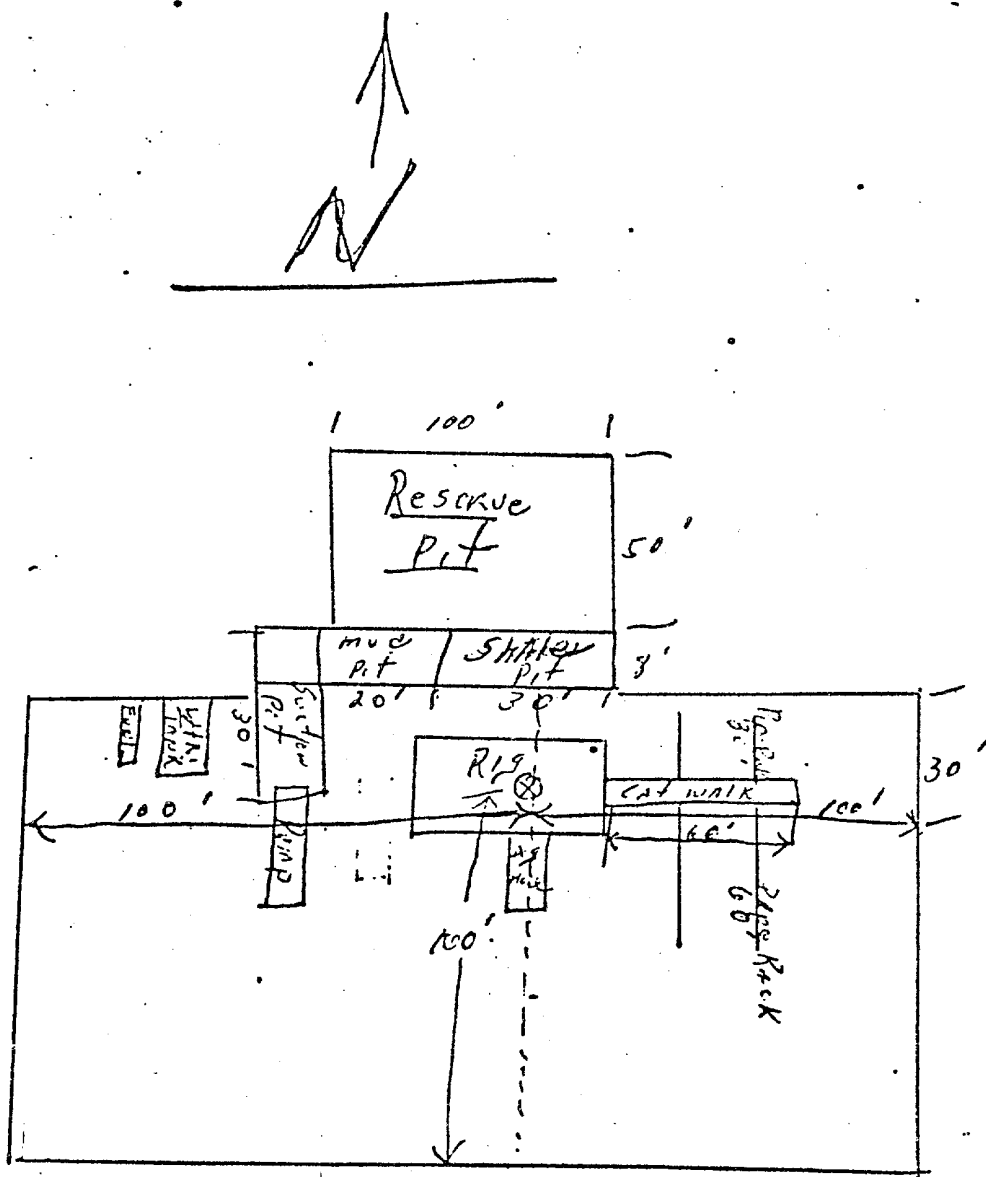
C  
U  
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Y

R 27 E. R 28 E. R 29 E. R 30 E. R 31 E. 10 41 15 87





# Rig 1 Location & Mud Pit Specs.



Schaeffer Type E 10" Series 900 Hydraulic BOP. The waste and debris from this well will be disposed of in a reserve pit and covered up.


**SHAFER HYDRAULIC BLOWOUT PREVENTERS**

(Patented)

**TYPE B and TYPE E PREVENTERS**

Shaffer Type B and Type E Blowout Preventers are similar in basic design and construction, except that the Type B has a *non-rising* locking shaft (for applications where end dimensions must be kept to a minimum) —and the Type E has a *rising* locking shaft (to provide quick indication of ram position where end dimensions

are not critical). Externally, the only visual difference between the two designs is in the end caps, as shown in Fig. 52 and 53. Internally, there are differences in the locking shaft parts, as shown in the exploded views, Figs. 58 and 61.

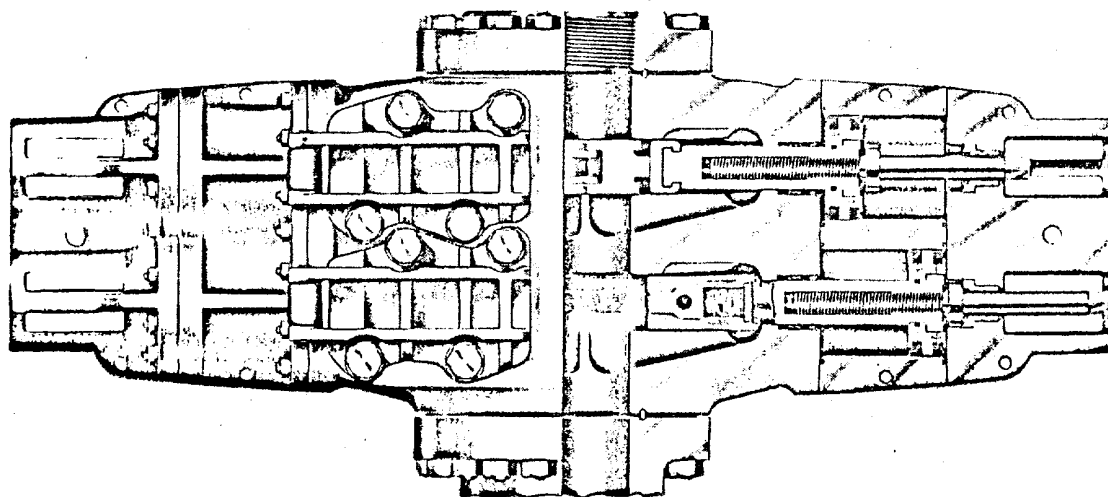


Fig. 52

Shaffer Type E Hydraulic Double Blowout Preventer—Front View

**10" Shaffer Type B Series 900, Double Hydraulic w/Payne Closing Unit.  
SIDE DOOR RAM CHANGES**

In Type B and Type E Preventers, access to the ram compartments is through heavily-ribbed side doors, which are hinged and bolted to the body. The doors are fitted with adequate packing to amply withstand the pressure rating of the Preventer, and are opened by simply loosening four cap screws in each door, whereupon they can be readily swung open. The cap screws remain in the door when opened, eliminating risk of losing or misplacing them.

Each side door incorporates a horizontal guide which, in conjunction with integral guides in the opposite side of the body, holds the ram assemblies in accurate horizontal alignment when the doors are closed. Therefore, the ram assemblies are automatically centered in the Preventer body by simply closing and

bolting the doors. Note in Figs. 15 through 18, Page 4347, the ease with which rams are changed through the side-opening doors.

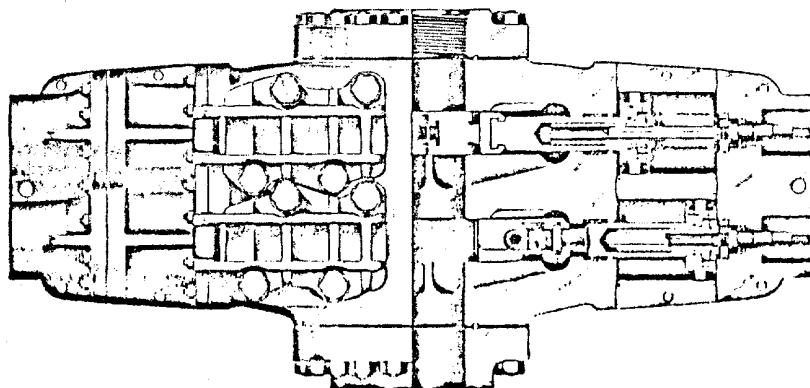


Fig. 53

Shaffer Type B Hydraulic Double Blowout Preventer—Front View