N. M. O. C. C. COPY

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(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

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

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

2. NAME OF OPERATOR
Delport Oil Corporation

3. ADDRESS OF OPERATOR
3471 First National Bank Bldg, Dallas, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
1650' FSL, 1980' FWL
At proposed prod. zone
Same

5. LEASE DESIGNATION AND SERIAL NO.
NM 17806-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Bachuett-Federal

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Undesignated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
12-13S-30E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
16 miles north of Maljamar

12. COUNTY OR PARISH
Chaves

13. STATE
N. Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1650'

16. NO. OF ACRES IN LEASE
160

17. NO. OF ACRES ASSIGNED TO THIS WELL
320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
None

19. PROPOSED DEPTH
2500

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3971 gr.

22. APPROX. DATE WORK WILL START*
January 20, 1974

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10	8-5/8	20	300	175 sx "C" + 2% c.c.
7-7/8	4-1/2	9.5	2450	125 sx 11#, 150 sx "C" 50% POZ, 6# salt/sack 2% gel

Will evaluate Queen zone. If productive, will cement 4½" casing, perforate with 2 SPF, treat with 1000 gallons of 7½% acid, and if necessary fracture with 20,000 gallons gelled 3% KCl water, 20,000# 20-40 sand, and 5,000# 10-20 sand.

RECEIVED
DEC 26 1973
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 [signature] TITLE Geologist DATE 12-19-73

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED
JAN - 9 1974
/s/ L. BEEKMAN
ACTING DISTRICT ENGINEER

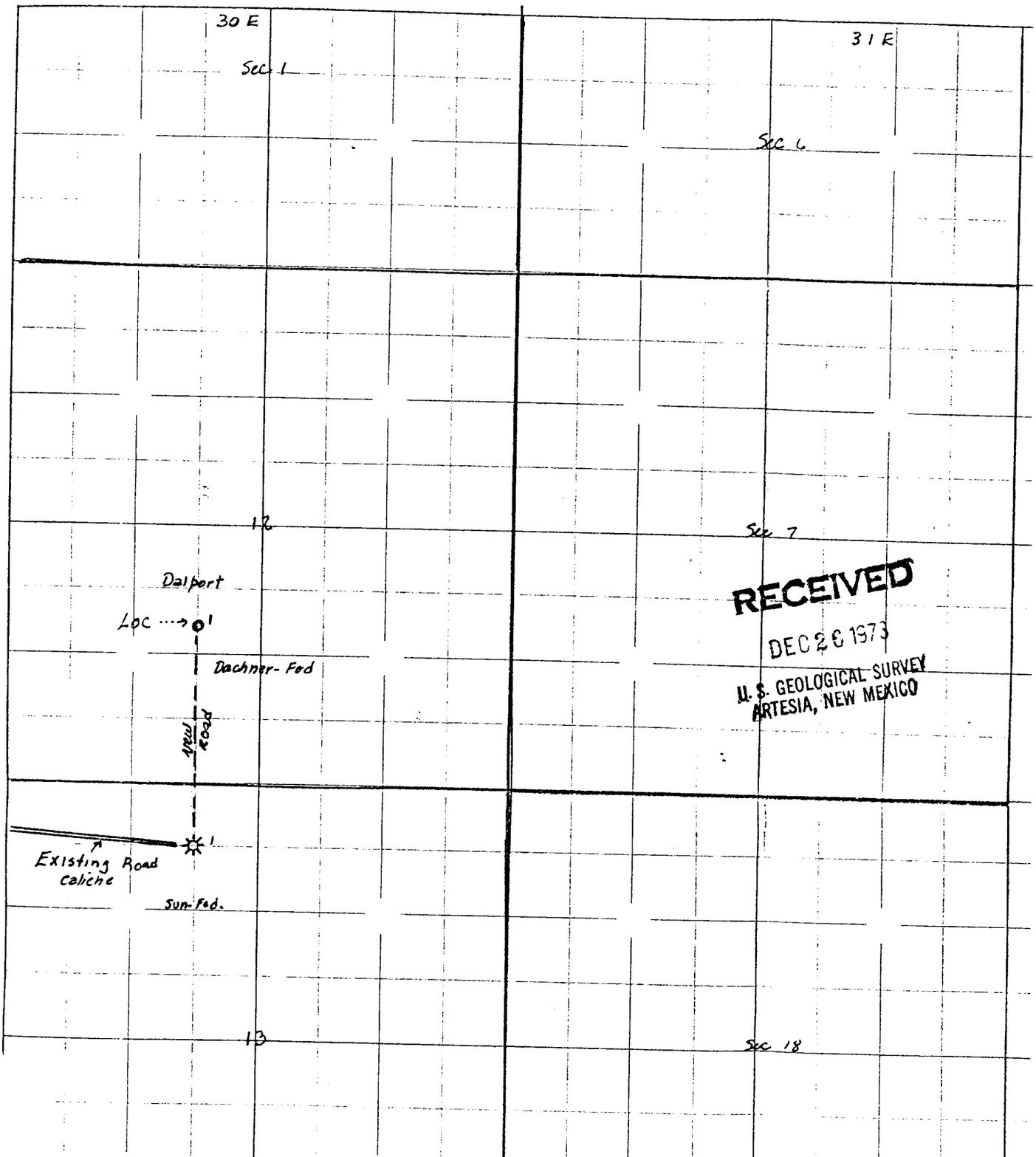
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL IS RESCINDED IF OPERATIONS NOT COMMENCED WITHIN 3 MONTHS.
APR - 9 1974

*See Instructions On Reverse Side

TOWNSHIP 13 S RANGE 30 E COUNTY Chaves ST

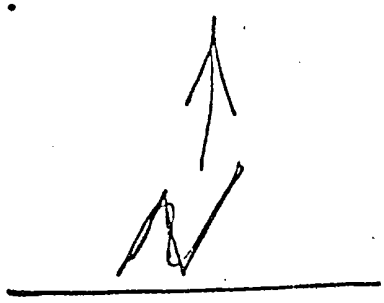


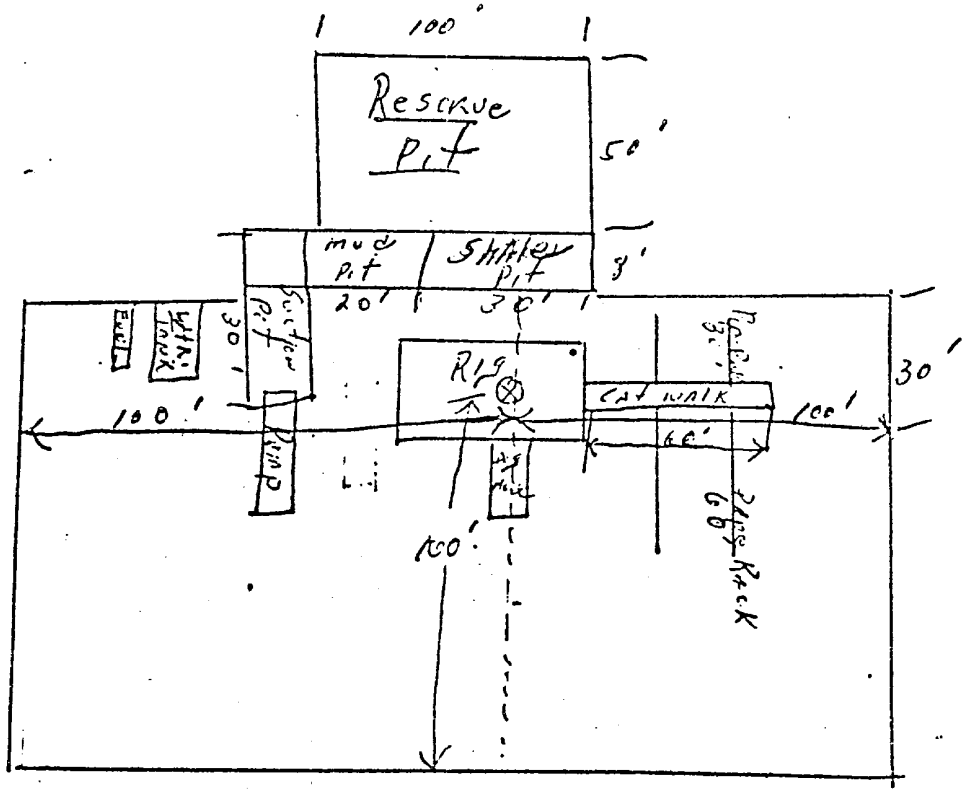
1. No tanks or flow lines to be built now.
2. Drilling water to be trucked in.
3. Wastes will be disposed of according to state regulations.
4. No camp to be erected.
5. Working and reserve pits on north side of location, pipe racks on east side
6. No gas line in area.
7. Surface of ground will be cleaned & levelled after well is completed.
8. Well will be drilled with fresh water to 2200', then salt base mud to be mixed.
9. Location is approx. 125' x 165' x 110'
10. Blow-out preventer to be used.

Scale 4" = 1 mile

WEA Drilling Co. Inc.

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.

SHAFFER 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.

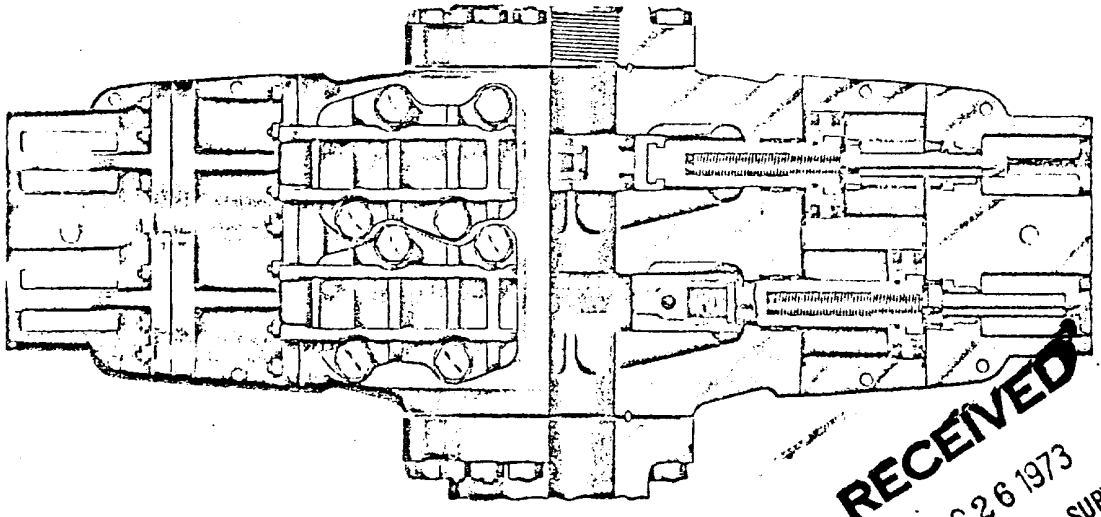


Fig. 52
Shaffer Type E Hydraulic Double Blowout Preventer—Front View

10" Shaffer Type B Series 900, Double Hydraulic 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

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

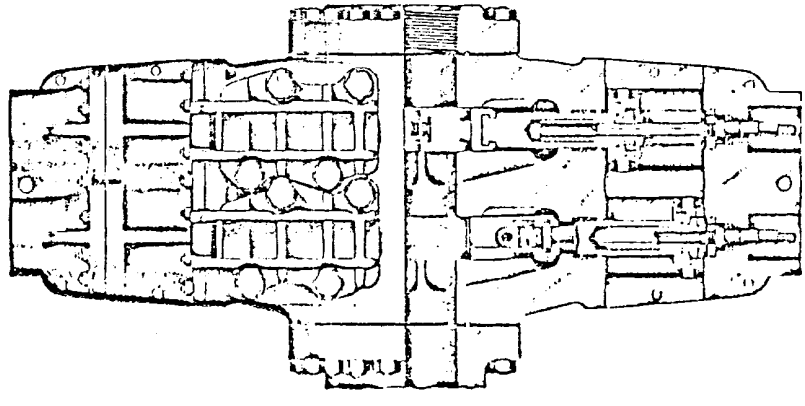


Fig. 53