

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with requirements.)*
At surface660' FEL, 660' FEL
At proposed prod. zone

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

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

19. PROPOSED DEPTH

2300

17. NO. OF ACRES DESIGNATED
TO THIS WELL

N.M.

20. ROTARY OR CABLE TOOL LOG

320

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

none

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

Dec. 15, 1974

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11	8-5/8	20	320	110 Sx 10" + 2% s.s. or Circ.
7-7/8	4 1/2	9.5	2250	125 Sx 11 1/2, 150 Sx 10", 50% Por., 8% salt/sack, 2% gel

Will evaluate Queen sand at 2150'. If productive, will cement 4 1/2" casing,
perforate with 2 SFT, acidize w/750 gallons 15% acid, and possibly fracture with 20,000
gallons gelled 2% gel water, 25,000% 20-40 sand, and 5000% 10-20 sand.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production and proposed program. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depth. Give slowout
preventer program, if any.

24.

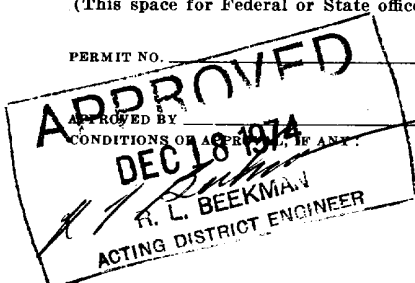
SIGNED

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.



THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 6 MONTHS.
EXPIRES MAR 18 1975

DATE

*See Instructions On Reverse Side

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DEC 17 1974

U. S. GEOLOGICAL SURVEY
ARLINGTON, NEW MEXICO

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.

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839-171

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DEC 19 1974

O. C. C.
ARTESIA, OFFICE

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DEC 21 1974
OIL CONSERVATION COMM.
HOBBS, N. M.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PL.

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

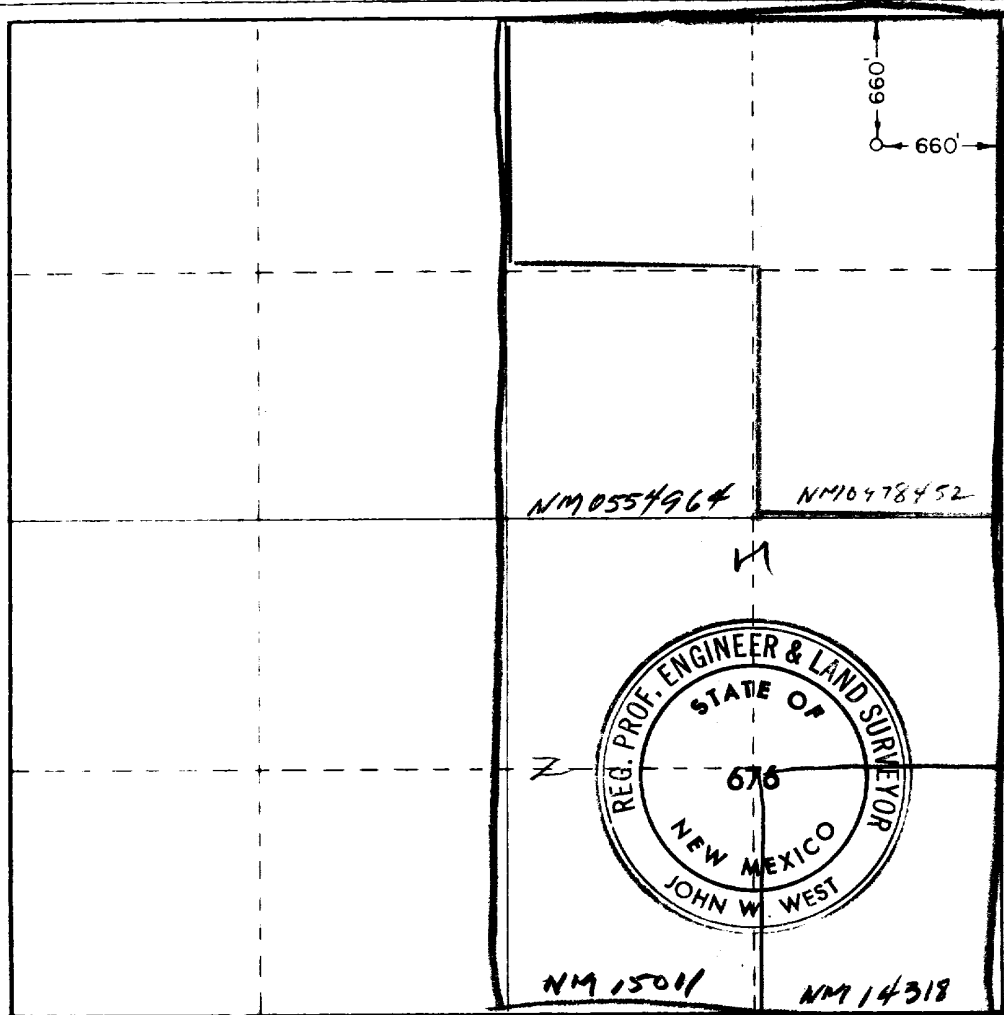
Operator Dalport Oil Corporation			Lease Federal 5		Well No. 1
Section A	Section 5	Township 15 South	Range 30 East	County Chaves	
Acreage of the Location of Well: 660 feet from the North line and 660 feet from the East line					
Ground Elev. (feet) 3924.4	Producing Formation Juana	Pool Wildcat		Dedicated Acreage: 320 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 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.

Name **Leon M. Lampert**

Position **Geologist**

Company **Dalport Oil Corp.**

Date **12-10-74**

I hereby certify that the well location shown on this plat was obtained 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.

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GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Date Surveyed

December 7, 1974

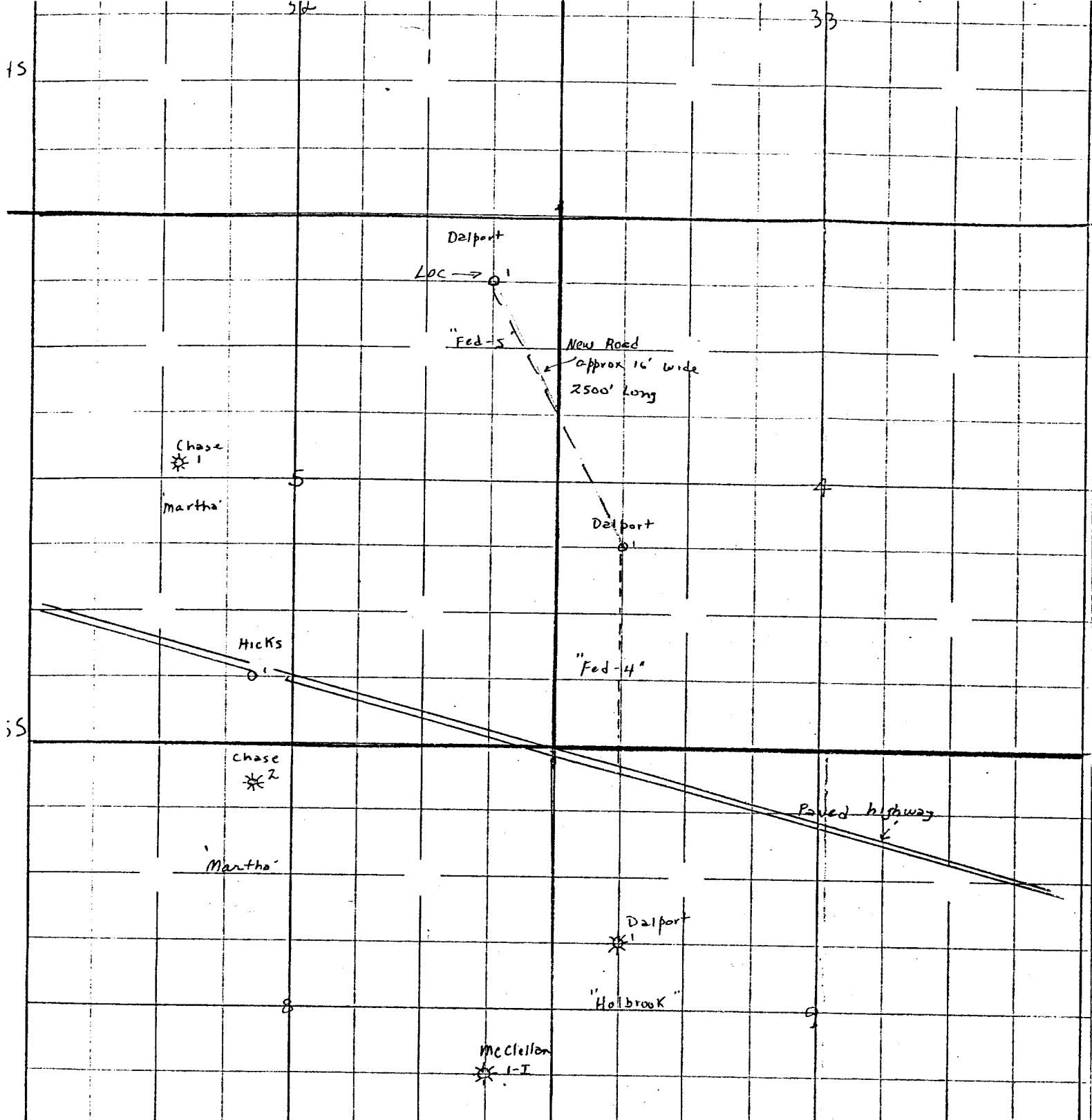
Registered Professional Engineer and/or Land Surveyor

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

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DEC 2 1974

CIL CONSERVATION COMM.
HOBBS, N. M.



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 then salt base mud to be mixed.
9. Location is approx. 120' x 165' x 110'
10. Blow-out preventer to be used.
11. Roads are approximately 16' wide
12. Topography is rolling, sandy, some brush

Scale 4" = 1 mile

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 U. S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO

30 E

Chaves Co.

Lucas & Taylor
engineers



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.

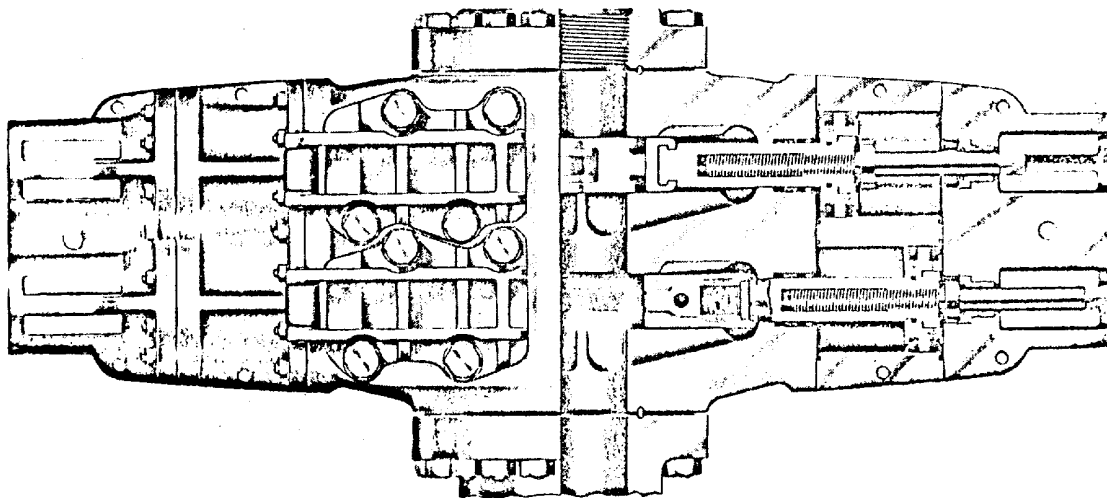


Fig. 52

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.

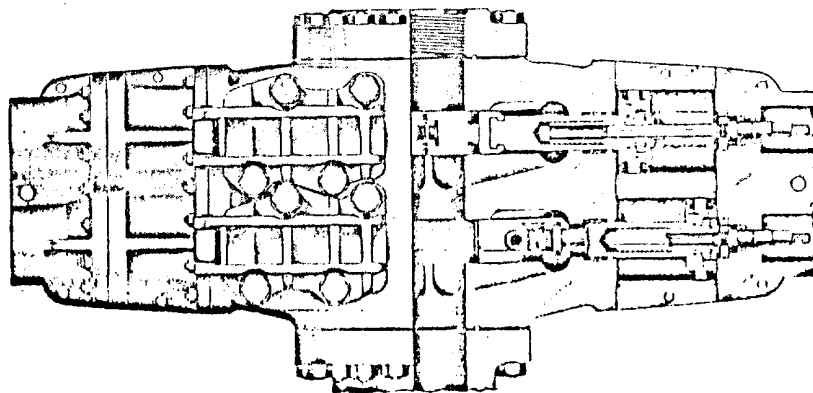


Fig. 53

Shaffer Type B Hydraulic Double Blowout Preventer—Front View