NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210

Form 9-331 C (May 1963)

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

C/87

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: NM 15007

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

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

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Bear Draw Fed.

9. WELL NO.: 4

2. NAME OF OPERATOR: Forister & Sweatt

3. ADDRESS OF OPERATOR: PO Box 161, Artesia, NM 88210

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ARTESIA, OFFICE

10. FIELD AND POOL, OR WILDCAT: Bear Draw Q.G.SA.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 660 FNL 2130 FWL
At proposed prod. zone:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 28 T16S R29E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 8 miles northwest of Loco Hills

12. COUNTY OR PARISH: Eddy

13. STATE: New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
	680	40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
	2700	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3634.8

22. APPROX. DATE WORK WILL START*: November 18, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12¼	8 5/8	23#	340	175 sx circulate
7 7/8	4½	9.5#	2700	800 sx

1. We propose to drill and ~~test~~ test the Queen, Grayburg and San Andres formations. Approximately, 340' of surface casing will be set. 4½" 9.5# production casing.

B.O.P. Program - Shaffer type hydraulic B.O.P. will be installed on surface casing.

Mud Program - Fresh water till surface casing set. Brine water 350' to T.D. Mud up to run logs and casing.

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: Partner DATE: 11/2/82

(This space for Federal or State office use)

APPROVED
(Orig. Sgd.) GEORGE H. STEWART
NOV 10 1982

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

JAMES A. GILLHAM
DISTRICT SUPERVISOR

Posted APD
Plat Book
11-19-82

W MEXICO OIL CONSERVATION COMMI[illegible]N

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 14-65

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
FORISTER & SWEATT	Bear Draw Federal	4

Unit Letter	Section	Township	Range	County
C	28	16 South	29 East	Eddy

Actual Footage Location of Well:
660 feet from the North line and 2130 feet from the West line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3634.8'	Q, G, S, A.	Bear Draw Q, G, S, A.	40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

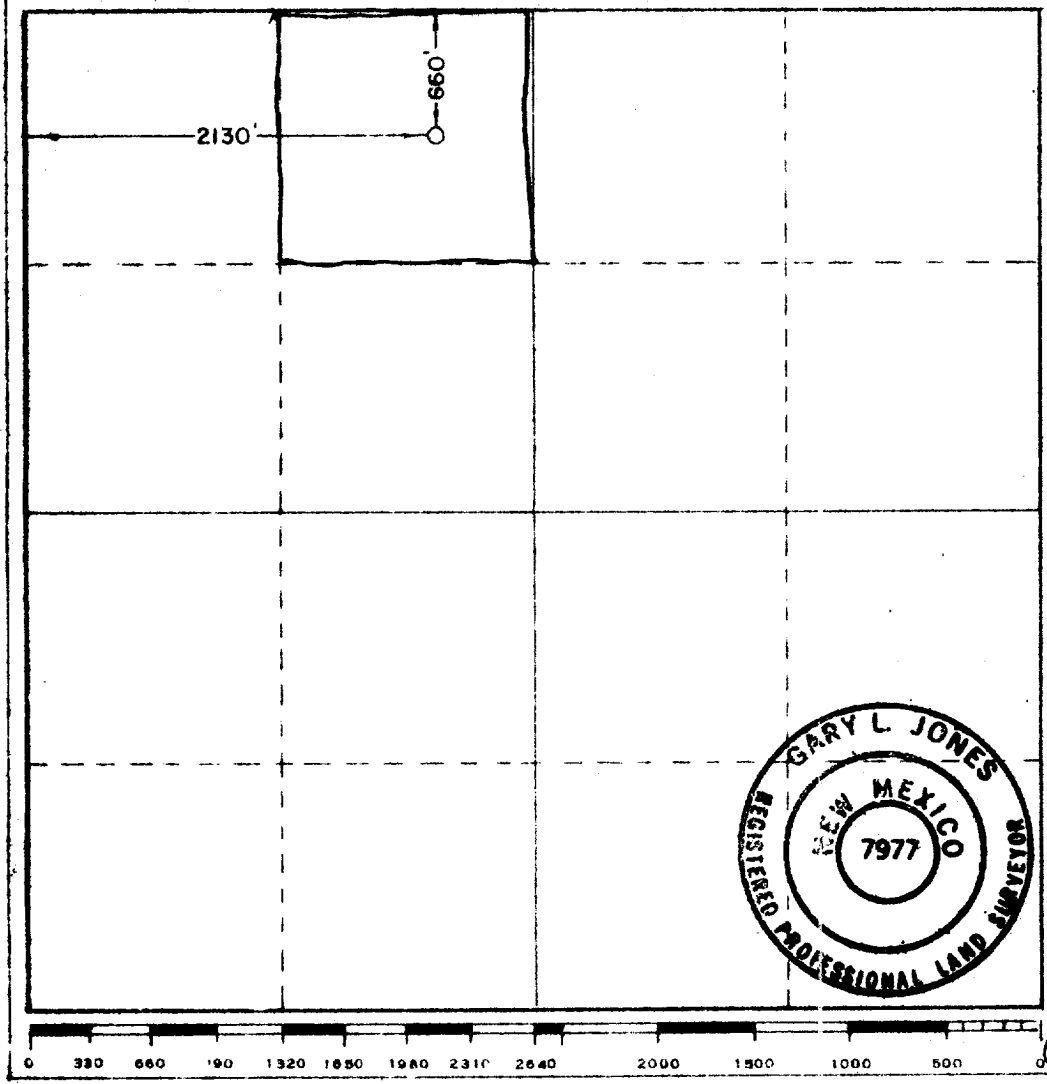
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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: Danny Forister

Position: Partner

Company: Forister & Sweatt

Date: 11-2-82

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 28, 1982

Registered Professional Engineer and/or Land Surveyor: Gary L. Jones

Certificate No. 7977

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.

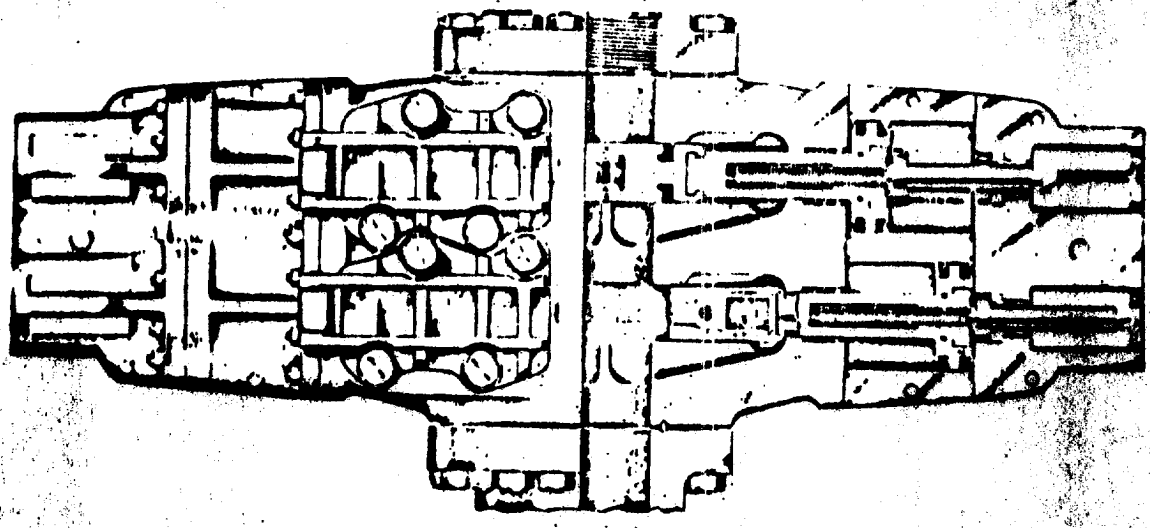


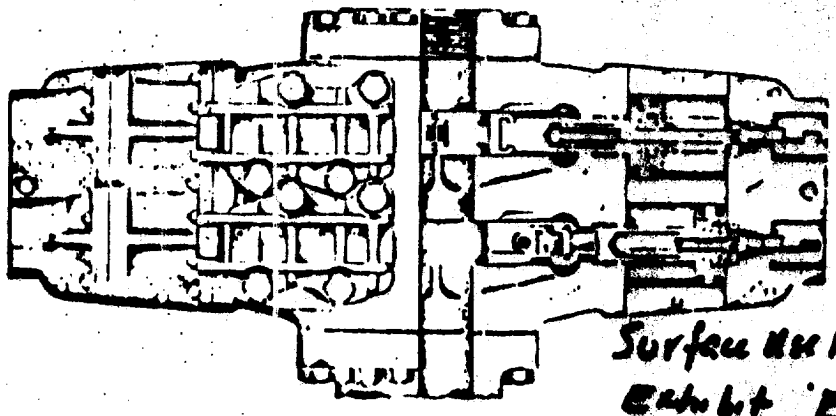
Fig. 52
Shaffer Type B Hydraulic Double Blowout Preventer—Front View

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.



Surface Use Plan
Exhibit 'E'

Fig. 53
Shaffer Type B Hydraulic Double Blowout Preventer—Front View