

N. M. O. C. C. CORY

SUBMIT IN TRIPL

Form approved.
Budget Bureau No. 42-R1425.Form 9-331 C
(May 1963)(Other instructions on
reverse side)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐ Re-Entry ☒ DEEPEN ☒ PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Fossil Fuel Incorporated

3. ADDRESS OF OPERATOR

P. O. Box 821, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface 595' FNL & 718' FWL of Section 22 * FEB 21 1973

At proposed prod. zone

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

14 miles East of Hagerman, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 595'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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

3586 GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 3/4	8 5/8	24#	250	300 sacks
6 1/2	4 1/2	11#	1900	300 sacks

P.O.A. approved 2-10-61

To re-enter and deepen Waters & Williams well. No. 1-Toddhunter located 660 N+W
Old total depth 1379', original lease name un-^{* Location corrected as indicated}
known. All original casing pulled. on attached Surveyor's Plat

Native mud to 1500'. Drilling mud 1500' to total
depth; water loss 5, viscosity 40, weight 12#.

Blowout preventer will be employed from 250' to total depth.

Old records show Waters & Williamson #1 Toddhunter
to be 660 N+W However new survey on 1-30-73 found
it to be 595' N. 718' W see attached Plat.

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

TITLE

President

DATE

2/19/73

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DATE

APPROVED BY

TITLE

OPERATIONS

CONDITIONS OF APPROVAL, IF ANY:

FEB 20 1973
F. L. BEEKMAN
ACTING DISTRICT ENGINEER

THIS APPROVAL IS RECORDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
MAY 20 1973

5. LEASE DESIGNATION AND SERIAL NO.

NM-8363

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 22

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Sams Ranch SLSA

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 22, T14S, R28E

12. COUNTY OR PARISH

Chaves

13. STATE

N.M.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

2/20/73

QUANTITY OF CEMENT

300 sacks

300 sacks

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FEB 20 1973

U.S. GEOLOGICAL SURVEY
DALLAS, TEXAS

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.

N MEXICO OIL CONSERVATION COMMISS
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section

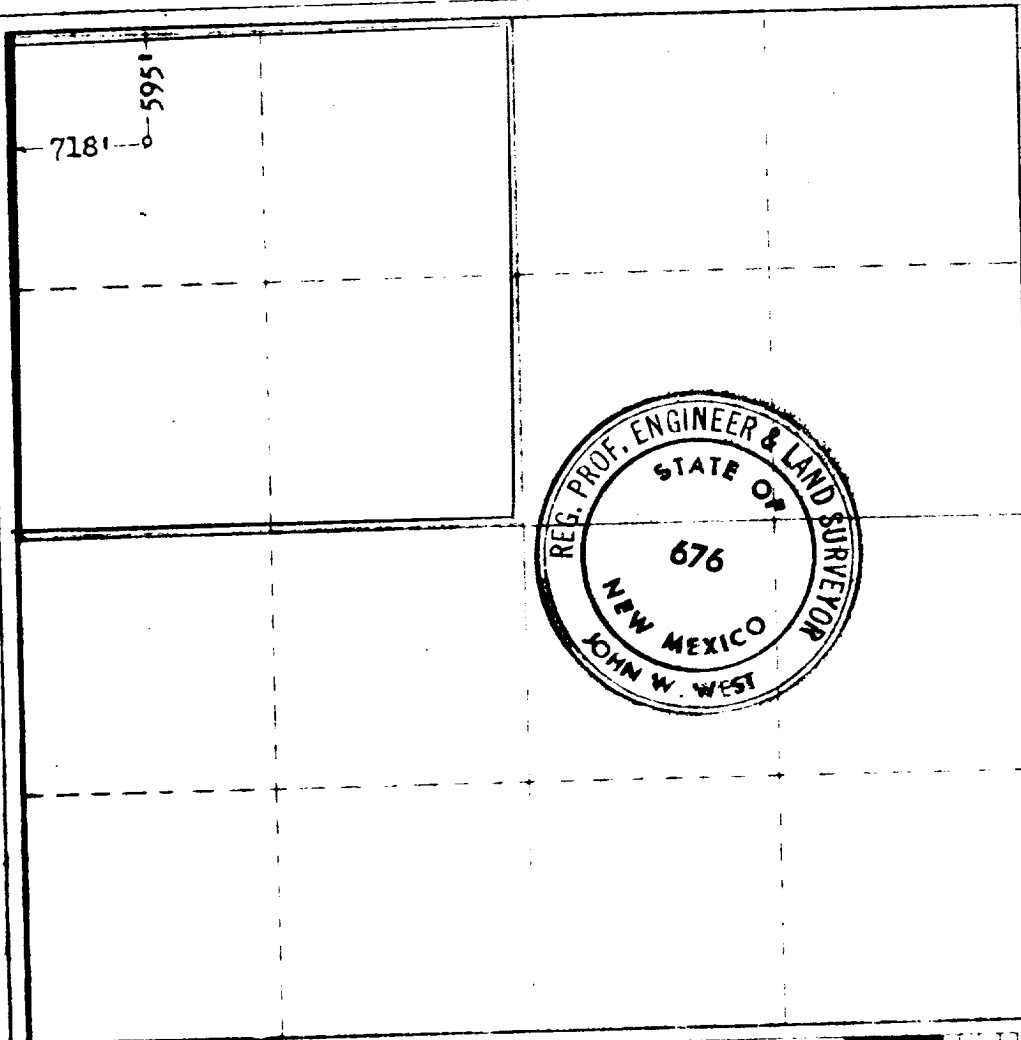
Operator FOSSIL FUEL INCORPORATED			Lease Federal "22"		Well No. 1
Unit Letter D	Section 22	Township 14 South	Range 28 East	County Chaves	
Actual Footage Location of Well: 595 feet from the north line and 718 feet from the west line					
Ground Level Elev. 3586	Producing Formation San Andres		Pool Unit Sams Ranch 2L5A		Dedicated Acreage: 160 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

[Signature]

 President

Fossil Fuel Incorporated

February 6, 1973

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 FEB 7 1973
 U.S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO

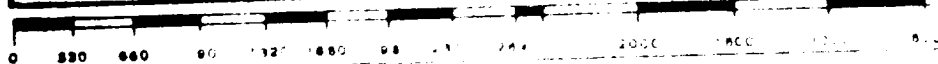
I hereby certify that the well location shown on this plat was obtained from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my knowledge and belief.

Date Surveyed
Jan. 30, 1973

Registered Professional Land Surveyor
 State of New Mexico

[Signature]

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FEB 14 1973

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Fossil Fuel, Inc.

Federal 22-1

Location: 495' ENL & 718' ENL Sec. 22 T-14-S, R-28-E
Chaves County, New Mexico

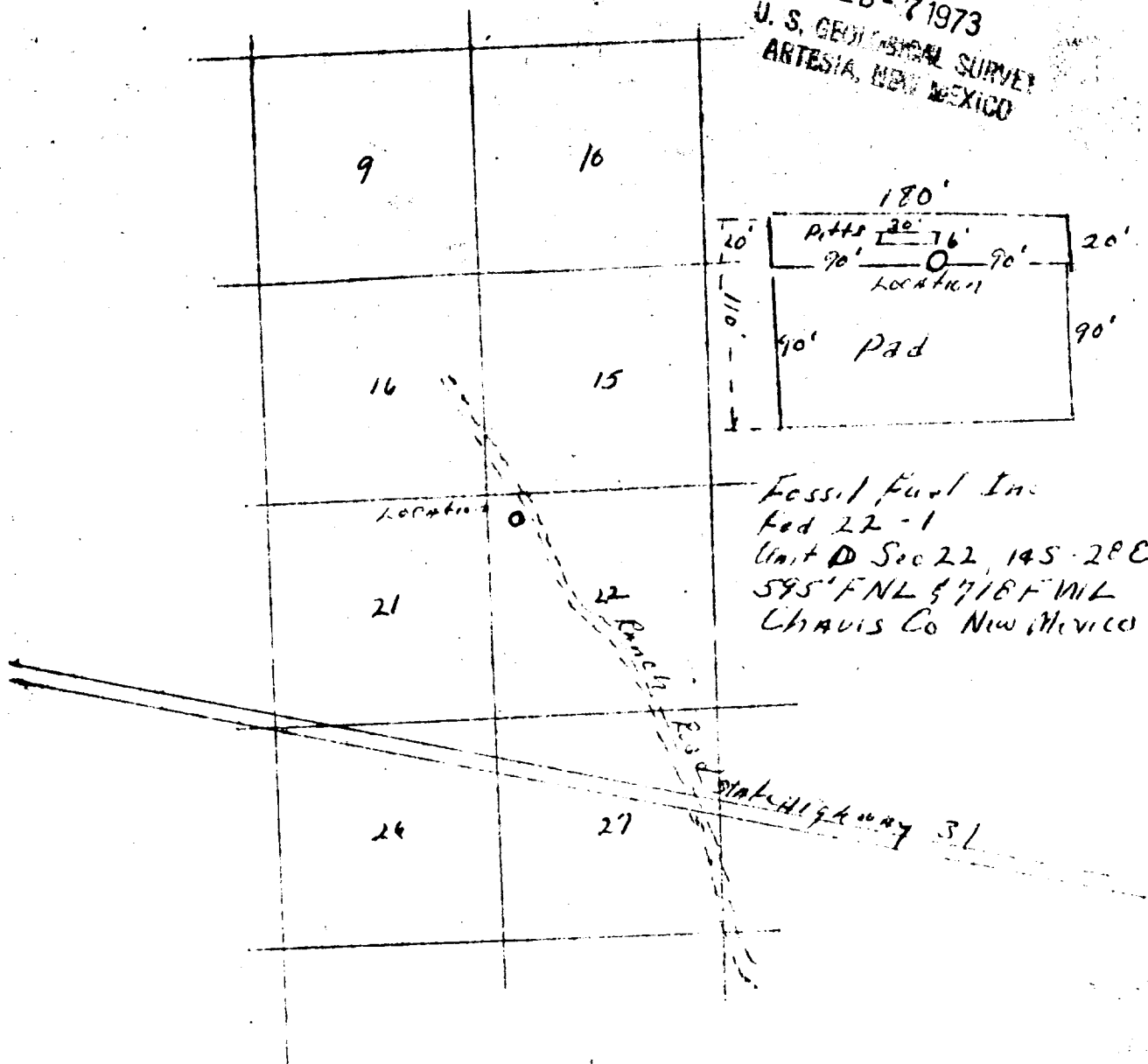
1. Existing roads--- Shown on plat
2. Planned access roads--- Shown on plat
3. Location of well--- Shown on plat
4. Lateral roads--- All roads shown on plat
5. Location of tank batteries and flow lines--- No tank battery anticipated. Flow lines to be determined by gas gathering company.
6. Location and type of water supply--- Fresh water to be hauled from city supply in Hagerman, New Mexico.
7. Method for hauling waste disposal--- All waste will be buried or hauled to a disposal facility in the area.
8. No known camps in area.
9. No known airstrips in area.
10. Rig will face east, pits will be earthen pits, pipe rack east of rig, mud pits north side of rig.
11. All pits and location area will be filled and restored
12. Every effort will be employed to prevent any damage to the environment.

U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535
JAN 10 1964
ALBANY, NEW YORK

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FEB - 7 1973
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ARTESIA, NEW MEXICO

FEB-7 1973

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ARTESIA, NEW MEXICO





SHAFFER MECHANICAL CONTROL GATES

(Patented)

PARTS FOR TYPE 45 DOUBLE GATES

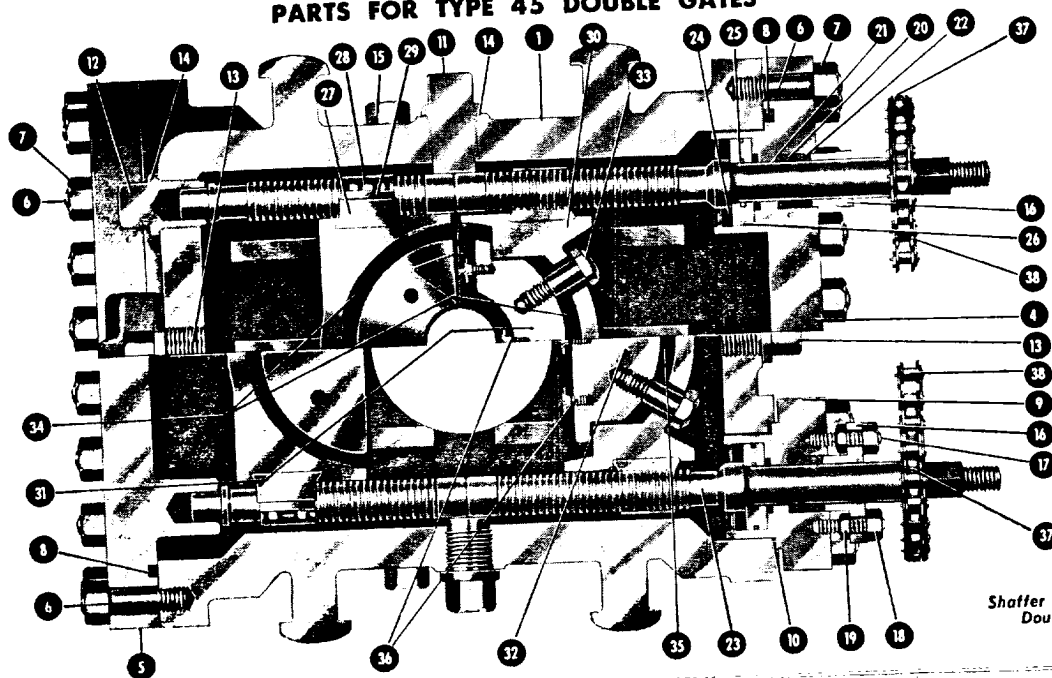


Fig. 87
Shaffer Type 45 Mechanical
Double Control Gate
(Top View)

Part No.	No. Req'd.	NAME OF PART	Part No.	No. Req'd.	NAME OF PART	Part No.	No. Req'd.	NAME OF PART
1	1	Body	18	8	Stuffing Box Gland Stud Nut	33	8	Ram Block Retracting Screw
2	Varies	Body Flange Stud (Not Shown)	19	8	Stuffing Box Gland Jam Nut	34	1 Set	Ram Rubber—Pipe
3	Varies	Body Flange Stud Nut (Not Shown)	20	4 Sets	Stuffing Box Chevron Packing	35	1 Set	Ram Rubber—Complete Shut-Off
4	1	End Cover—Front	21	4	Bronze Packing Ring—Lower	36	Varies	Ram Rubber Retaining Screw
5	1	End Cover—Rear	22	4	Bronze Packing Ring—Upper	37	4	Sprocket
6	Varies	End Cover & Thrust Plate Stud	23	4	Operating Screw	38	2	Sprocket Chain
7	Varies	End Cover & Thrust Plate Stud Nut	24	4	Thrust Bearing Plate	39	1	Sprocket Chain Tightener—Upper (Not Shown)
8	2	End Cover Hydraulic Packing Gasket	25	4	Thrust Bearing Plate Inner "O" Ring	40	1	Sprocket Chain Tightener—Lower (Not Shown)
9	2	Thrust Plate	26	4	Thrust Bearing Plate Outer "O" Ring	41	1	Sprocket Chain Tightener Cap Screw and Washer—Upper (Not Shown)
10	2	Thrust Plate Gasket	27	4 R.H. & 4 L.H.	Bronze Half Nut	42	2	Sprocket Chain Tightener Cap Screw and Washer—Lower (Not Shown)
11	4	Side Plug	28	16	Ram Clip	43	1	Sprocket Chain Guard (Not Shown)
12	2	End Center Plug	29	32	Ram Clip Cap Screw	44	4	Sprocket Chain Guard Cap Screw with Washer (Not Shown)
13	2	End & Side Plug Copper-Asbestos Gasket	30	2 Sets	Ram Block Holder			
14	8	Washout Plug	31	1 Set	Ram Block—Pipe			
15	4	Stuffing Box Gland	32	1 Set	Ram Block—Complete Shut-Off			
16	4	Stuffing Box Gland Stud						
17	8							

Fig. 88
Dimensional Elevation—
Shaffer Type 45 Me-
chanical Double Con-
trol Gate

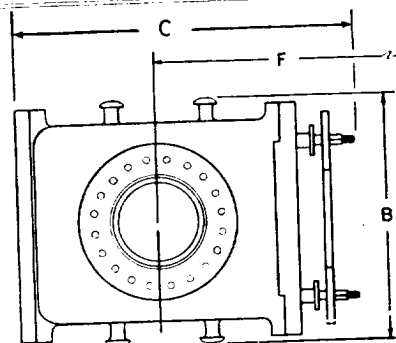
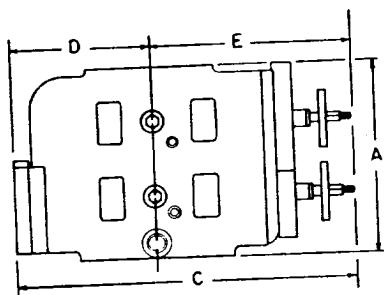


Fig. 89
Dimensional Plan—
Shaffer Type 45 Me-
chanical Double Con-
trol Gate

DIMENSIONAL AND ENGINEERING DATA ON SHAFFER TYPE 45 MECHANICAL DOUBLE CONTROL GATES

Size	Max. Service Pressure Rating, PSI	Test Pressure, PSI	Vertical Bore	Approx. Weight, Pounds	Ram Size	A Height	B Width	C Length	D Center To Rear	E Center To Front	F Max. Distance Needed To Change Rams
6"	3,000	6,000	7 1/4"	3,400	C.S.O. Thru 5" O.D.	24 1/4"	29 1/2"	41"	17 1/4"	23 1/4"	59 1/2"
8"	3,000	6,000	9"	4,150	C.S.O. Thru 7" O.D.	25 1/4"	30"	45 1/4"	19 1/2"	25 1/4"	65 1/4"
10"	3,000	6,000	11"	4,900	C.S.O. Thru 8 1/2" O.D.	27 1/2"	31 1/2"	48"	21 1/4"	26 3/4"	70 1/4"
10"	5,000	10,000	11"	8,925	C.S.O. Thru 8 3/4" O.D.	36"	37"	51 1/2"	23"	28 1/2"	75 1/4"
12"	3,000	6,000	12 3/4"	5,870	C.S.O. Thru 10 1/4" O.D.	28 1/2"	33 1/4"	52 1/4"	23 1/4"	29 1/2"	77"
16"	2,000	3,000	15 1/4"	8,025	C.S.O. Thru 13 3/8" O.D.	31 1/2"	36 1/2"	54 1/4"	24 1/4"	30"	80"