

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 101-01  
Expires August 31, 1986

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input checked="" type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. NM 63368
2. NAME OF OPERATOR Exxon Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 1600, Midland, TX 79702		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2310' FSL and 1980' FWL of Section 13 (NE SW)		8. FARM OR LEASE NAME Bondurant Federal
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3632' GR	9. WELL NO. 1
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Undesignated West Tonto-Yates-Seven Rivers
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13, T 19 S, R 32 E
		12. COUNTY OR PARISH; 13. STATE Lea NM

Attached are revisions to the 8 pt. plan which were discussed with George Stewart 10-28-86.

Exxon plans to spud this well 11-7-86 or upon approval of this Sundry Notice.

18. I hereby certify that the foregoing is true and correct

SIGNED Janet L. Schaumburg  
Janet L. Schaumburg

TITLE Permits Supervisor

DATE 10-28-86

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE 10-31-86

\*See Instructions on Reverse Side

BONDURANT FEDERAL #1  
LEA COUNTY, NEW MEXICO

8-POINT PLAN REVISIONS

3. Minimum specifications for pressure control equipment.

A. Well head equipment:

A-Section: 9-5/8" - 8rd x 11" - 2000 psi  
Tubinghead: 11" - 2000 psi x 7-1/16" - 2000 psi

B. Blowout preventers:

Refer to attached drawings and list of equipment. The SA BOP, RG flowline and choke manifold will be used on surface casing to TD.

4. Supplementary drilling equipment information:

E. Mud system monitors:

Monitoring equipment and floats at the pit and flowline will not be used unless conditions dictate.

F. Casing:

<u>String</u>	<u>Size/Weight</u>	<u>Hole Size</u>	<u>Depth Interval</u>
Surface	9-5/8"/40 ppf	12-1/4"	0 - 400
Production	4-1/2"/11.6 ppf	7-7/8"	0 - 3400

G. Cement:

<u>Casing</u>	<u>Depth</u>	<u>Cement Type</u>	<u>Est. TOC</u>
9-5/8"	400	Class C + CaCl <sub>2</sub> Class C	Surface
4-1/2"	3400		2800'

5. Type and anticipated characteristics of drilling fluid:

<u>Depth Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Funnel Visc.</u>	<u>WL</u>	<u>pH</u>
0 - 400'	FW	8.4-8.8	26-30	NC	NC
400'-3100'	Sat'd BW	10.0-10.2	28-33	NC	10.5-11.5
3100'-3400'	BW Mud	10.0-10.2	28-34	10-20	10.5-11.5

6. Testing, logging, coring and completion:

A. Logging:

2500' - TD: Mud Logger  
FDC-CNL  
DLL-MSFL

B. DST: Possible DST 3250'-3300'

C. Core: None

D. Completion:

If well proves productive, 4-1/2" casing will be set and cemented as shown above. Casing will be perforated from approximately 3240' to 3250' and formation will be acidized with approximately 2000 gallons. Formation fluid will be produced with a rod pump through 2-3/8" tubing.

7. Abnormal pressure and other possible hazards:

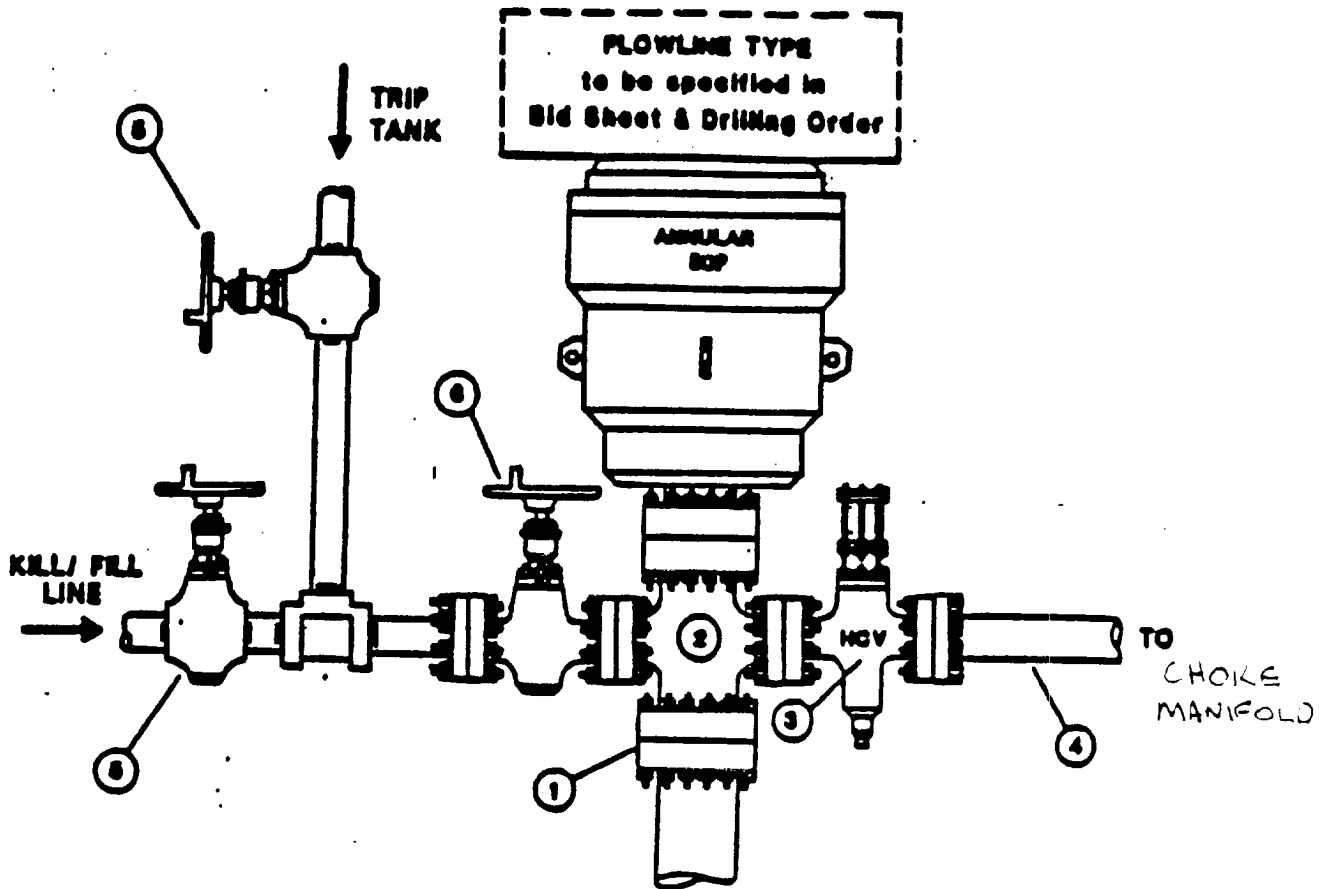
A. Bottom hole pressure is expected to be less than 2500 psi.

B. No abnormal pressure is anticipated.

C. H<sub>2</sub>S is possible from 3050' to TD.

SCP  
10/28/86

# TYPE SA BOP



## **COMPONENT SPECIFICATIONS**

### **Type SA Bop**

1. Wellhead or BOP Companion flange - screwed or welded to casing.
2. Flanged Drilling Spool.
3. Hydraulically operated full opening flanged valve -- 4" minimum -- 2000 psi minimum working pressure. Valve is closed during normal operations.
4. Diverter line minimum size 4" internal diameter, steel pipe. Diverter lines must be securely anchored. Only flanged or welded connections can be used for pipe joint connections and 45° or 90° ells must not be installed on the end of diverter lines to direct flow downward.
5. Flanged or screwed gate or plug valve -- 2" minimum nominal diameter and 2000 psi minimum working pressure.
6. Full opening flanged gate or plug valve -- 2" minimum -- 2000 psi minimum working pressure.

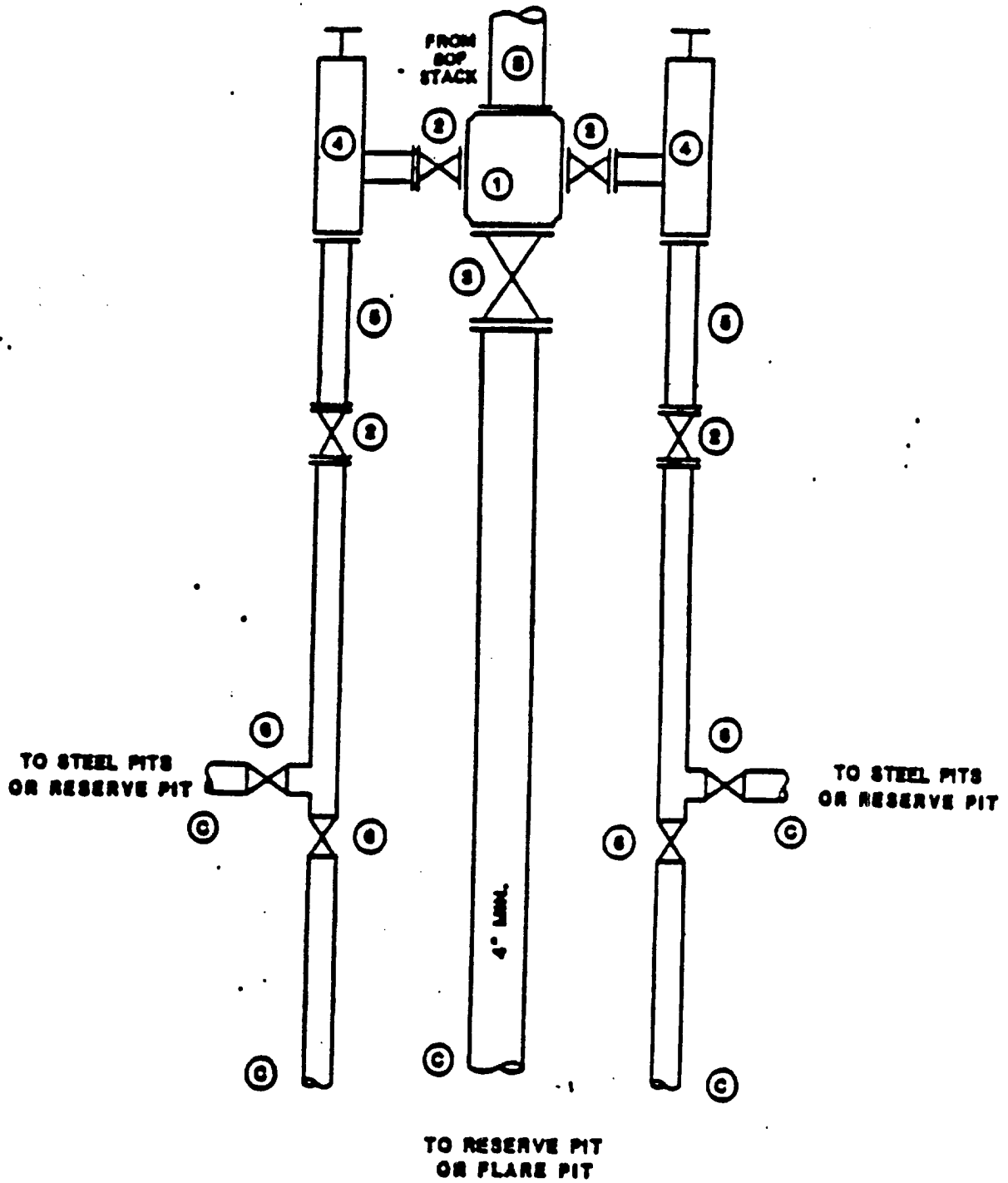
## COMPONENT SPECIFICATIONS Type 4 CHOKE Manifold

1. Flanged or studded cross 3" x 3" x 2" x 2" minimum nominal diameter with blind flange and equipped with needle valve for pressure gauge.
2. Flanged plug or gate valve -- 2" minimum nominal diameter - valve to have same working pressure rating as choke.
3. Flanged plug or gate valve -- 3" minimum nominal diameter -- valve to have same working pressure rating as choke.
4. Flanged manually - adjustable choke equipped with tungsten carbide stems and seats and at least 3/4" orifice opening.
5. Flanged spacer spool -- 2" minimum nominal diameter and approximately 18" length.
6. Screwed plug or gate valve -- 2" minimum nominal diameter.

### NOTE:

- A. The rated working pressure of the choke manifold will be specified in the Bid Letter and Drilling Order and all equipment must conform to the specifications in Table 1 of this Section.
- B. The choke line between the BOP stack and choke manifold should not contain any unnecessary bends or turns. Any required turns must be made with a running tee and a blind flange or welded bullplug. All connections must be either flanged or welded and all welding must be done by a certified welder.
- C. Both flare lines and the 4" bleed line must be laid to the reserve pit or flare pit and must be securely anchored.

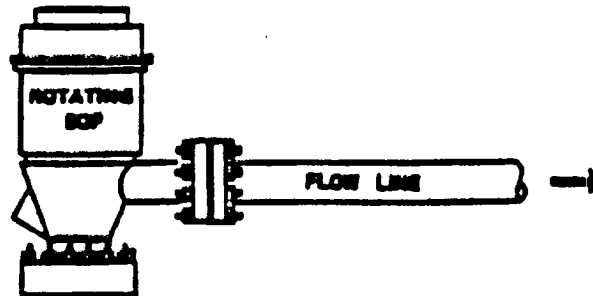
# TYPE- 4 CHOKE MANIFOLD



## FLOWLINE TYPES

### TYPE- RG

#### ROTATING HEAD FOR GRAVITY TRIP TANK



**NOTE:** Steel flowline is required when using a rotating BOP and flanged connections are preferred for at least that portion of the flowline under the rig floor. If sleeve type connections are used, all bolts must be installed and properly torqued.