Form 9-331 C
(May 1963)

N.M.O.C.D. COPY

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

5. LEASE DESIGNATION AND SERIAL NO.: NM-14325

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: ---

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

7. UNIT AGREEMENT NAME: ---

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

8. FARM OR LEASE NAME: Priest Federal

2. NAME OF OPERATOR: Exxon Corporation

9. WELL NO.: 1

3. ADDRESS OF OPERATOR: P. O. Box 1600, Midland, TX 79702

10. FIELD AND POOL, OR WILDCAT: undesignated ~~Callina~~ (San Andres)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 660' FWL and 1980' FNL of Section

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 7, T8S, R32E

At proposed prod. zone

RECEIVED
JUL 22 1981
U.S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 11 miles South from Elida

12. COUNTY OR PARISH: Chaves — 13. STATE: New Mexico

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: 115.73

17. NO. OF ACRES ASSIGNED TO THIS WELL: 37.90

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

19. PROPOSED DEPTH: 4400'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 4458' GR

22. APPROX. DATE WORK WILL START*: August 1, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	GRADE	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	75#		40'	Ready-mix to Surface
12 1/4"	8 5/8"	24#	K-55	1800'	900 cu. ft. CIRCULATED
7 7/8"	5 1/2"	14-15.5#	K-55	TD (4400')	900 cu. ft.

JUL 6 1981

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 Proration Specialist DATE July 2, 1981

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
/s/ Sgd. GEORGE H. STEWART
JUL 16 1981
FOR
JAMES A. GILLHAM
DISTRICT SUPERVISOR

Exxon Lse. No. _____

State Lse. No. _____

Federal Lse. No. _____

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

Operator	Lease	Well No.
Exxon Corporation	Priest Fed.	1

Unit Letter	Section	Township	Range	County
E	7	8 S	32 E	Chavez

Actual Footage Location of Well:
1980 feet from the North line and 660 feet from the West line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
4458	San Andres	Undesignated ~~Gallina~~	37.90 Acres

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

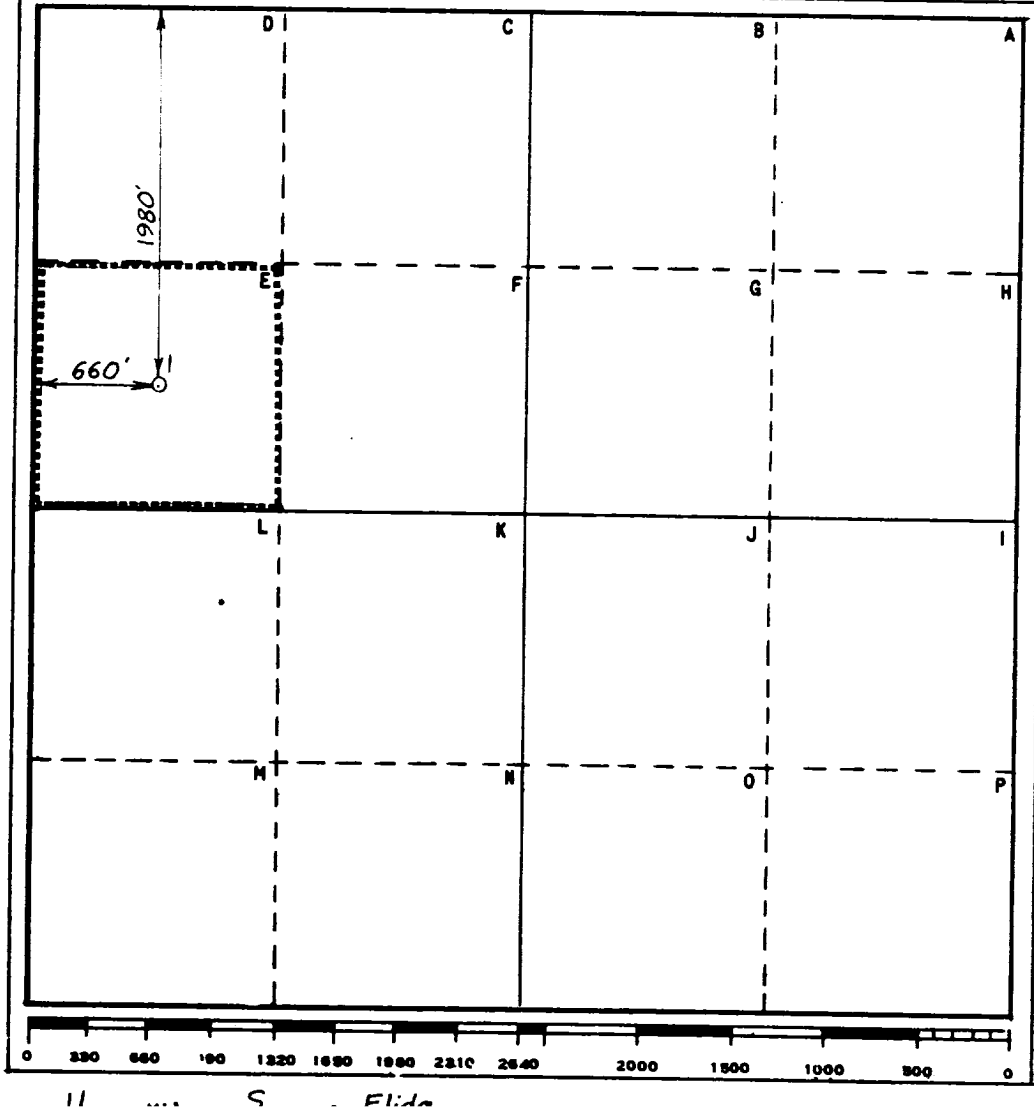
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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: Edgar Kimbrell

Position: Proration Specialist

Company: Exxon Corporation

Box 1600 Midland, Texas

Date: 7-2-81

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: 6-24-81

Registered Professional Engineer and/or Land Surveyor: W. D. Westerfield

Certificate No. 1382

Exxon Corporation
#1 Priest Federal
1980' FNL and 660' FWL
of Sec. 7, T8S, R32E
Chaves County, New Mexico
Federal Lease No. NM-14325

1. The geologic name of the surface formation: Recent.

2. The estimated tops of important geologic markers:

Salado	1740'
Yates	2165'
Seven Rivers	2265'
Queen	2900'
San Andres	3345'
PHi - 1 marker	3910'

3. The estimated depths at which anticipated water, oil, gas, or other mineral bearing formations are expected to occur:

Water	50'
Oil	3300'

4. Proposed Casing Program:

String	Size	Weight/Grade	Condition	Depth Interval
Surface	8-5/8"	24#/K-55	New or Used	0-1800'
Production	5-1/2"	14#/K-55	New or Used	0-4400'

5. Minimum specifications for pressure control equipment.

a. Wellhead Equipment - Threaded type 2000 psi WP for 8-5/8" x 5-1/2" casing program and 2-7/8" tubing.

b. Blowout Preventers - Refer to attached drawing and list of equipment titled "type I-C" for description of BOP stack and choke manifold.

c. BOP Control Unit - Unit will be hydraulically operated and have at lease 4 control stations.

d. Testing - When installed on 8-5/8" surface casing the BOP stack will be tested to a low pressure (200-300 psi) and to 2000 psi. Casing rams will be tested in like manner when installed prior to running production casing. An operational test of the blowout preventers will be performed on each round trip (but not more than once each day); the annular and pipe ram preventers will be closed on drill pipe, and the blind rams will be closed while pipe is out of the hole.

6. Type and Anticipated Characteristice of Drilling Fluid:

Depth Interval (Feet)	Mud Type	Weight (ppg)	Funnel Visc. (Sec/Qt)	WL (cc)	pH
0-1800	FW Mud	8.6-9.0	30-33	-	10.5
3200-TD	Brine	10	30-33	10	10.5

7. Auxiliary Control Equipment:

   a. Kelly Cocks: Upper and lower installed on kelly.

   b. Safety Valve: Full opening ball type to fit each type and size of drill pipe in use will be available on rig floor at all times, in open position for stabbing into drill pipe when kelly is not in the string.

   c. Trip tank to insure that hole is full and takes proper amount of fluid on trips. Will be used during drilling of production hole.

   d. Mud system monitoring equipment and floats at the bit will not be used unless conditions dictate.

8. Testing, Logging, and Completion Programs:

   a. Logging: 3100'-TD GR-Sonic-DLL-MSFL
   Surface-TD SNP-GR

   b Completion - Formation: San Andres 3300-4000'

   Proposed Completion Procedure: Spot acid across pay zone. Run GR-CCL and perforate. Acidize with 4000 gallons 15% gelled NE HCl.

   c. Production Method: Run packer on 2-7/8" tubing and set above San Andres perforations. Produce San Andres oil up the tubing.

9. Abnormal Pressure or Other Possible Hazards:

   a. No abnormal pressure is anticipated.

   b. No H_2S problem is expected.

10 It is anticipated that the drilling and completion operations will begin about Aug. 1, 1981, and be finished in approximately 8 weeks.

BLOW PREVENTER SPECIFICATION
EQUIPMENT DESCRIPTION

TYPE I

BOP stack "A", "B" or "C" acceptable. All equipment should be at least API 2000 psi W.P. or higher unless otherwise specified.

BOP STACK "A"

1. Bell Nipple with flow line and fill connection.
2. Hydril or Shaffer bag type preventer.
3. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
4. 2-inch (minimum) flanged plug or gate valve.
5. 4-inch flanged pressure operated gate valve or manual operated plug or gate valve.
6. Ram type pressure operated blowout preventer with blind rams.
7. Screw type casing head (furnished by Exxon) with flange adapter (furnished by contractor).
8. Plug or gate valve (furnished by Exxon).

BOP STACK "B"

1. Bell nipple with flow line and fill connection.
2. Ram type pressure operated blowout preventer with blind rams.
3. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
4. 2-inch (minimum) flanged plug or gate valve.
5. 4-inch flanged pressure operated gate valve or manual operated plug or gate valve.
6. Ram type pressure operated blowout preventer with pipe rams.
7. Screw type casing head (furnished by Exxon) with flange adapter (furnished by contractor).
8. Plug or gate valve (furnished by Exxon).

BOP STACK "C"

1. Bell nipple with flow line and fill connection.
2. Double pressure operated ram type preventer with blind rams in the top and pipe rams in the bottom with one 4-inch and one 2-inch (minimum) side outlets.
3. 2-inch (minimum) flanged plug or gate valve.
4. 4-inch flanged pressure operated gate valve or manual operated plug or gate valve.
5. Screw type casing head (furnished by Exxon) with flange adapter (furnished by contractor).
6. Plug or gate valve (furnished by Exxon).

CHOKE MANIFOLD

1. 4-inch flanged spacer spool.
2. 4-inch X 2-inch X 2-inch X 2-inch flanged cross.
3. 2-inch flanged plug or gate valve.
4. 2-inch flanged adjustable choke.
5. 2-inch threaded flange.
6. 2-inch X H nipple.
7. 2-inch forged steel E11.
8. Cameron (or equal,) threaded pressure gage.
9. Blind flange.
10. 2-1/2-inch pipe, 300' to pit, anchored.

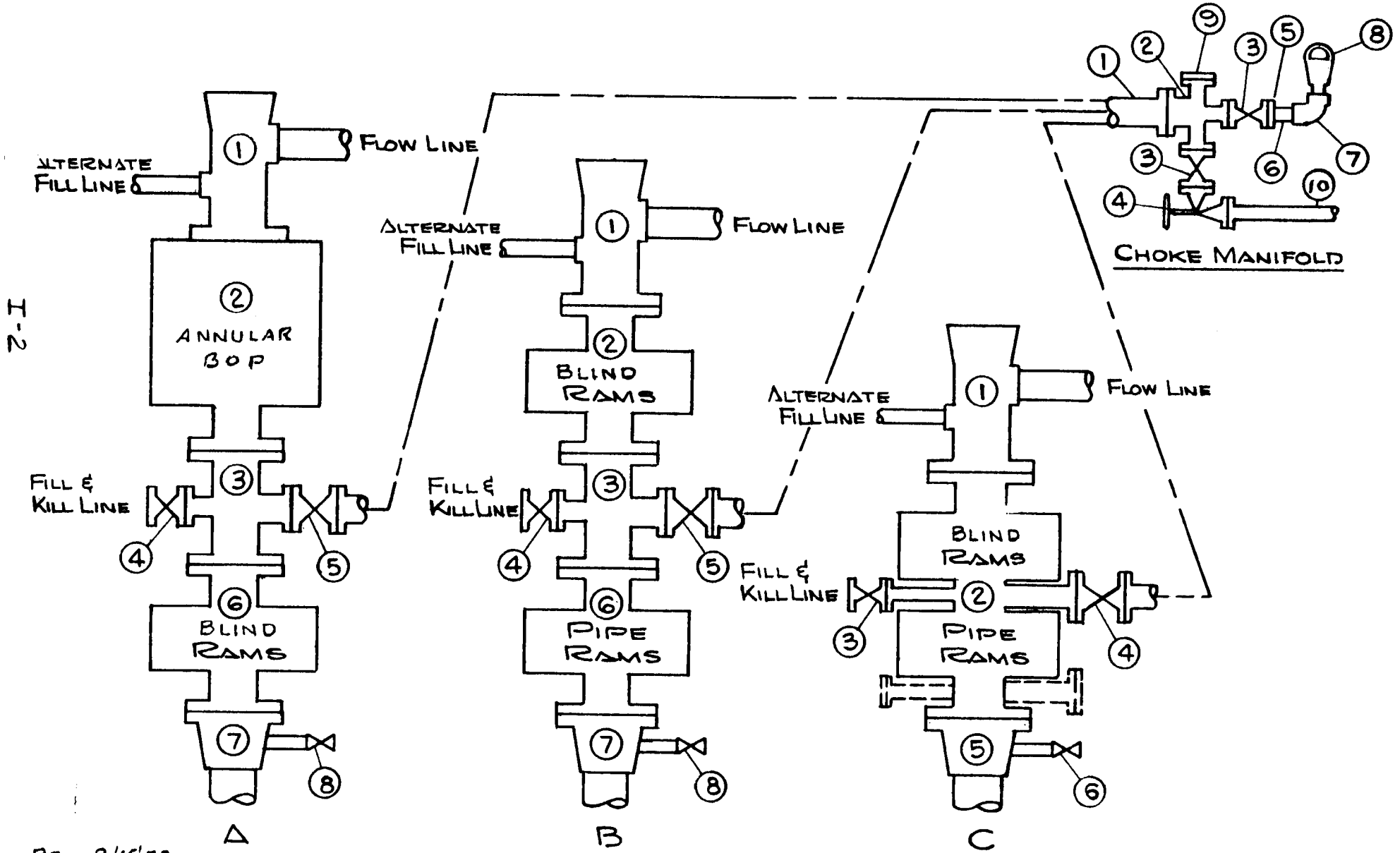
NOTES:

1. Replacement pipe rams and blind rams shall be on location at all times.
2. Only type U, QRC, E and LWS ram type preventers acceptable.

MIDLAND DRILLING ORGANIZATION

BLOWOUT PREVENTER SPECIFICATION

TYPE I



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REV. 9/15/73