

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FFC ☐

5. State Oil & Gas Lease No.
V-338

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name New Mexico "FC" State
2. Name of Operator Exxon Corp.		9. Well No. 2
3. Address of Operator P. O. Box 1600, Midland, TX 79702 Attn: Melba Knipling		10. Field and Pool, or Wildcat Dean Permo-Penn.
4. Location of Well UNIT LETTER Lot 16 P LOCATED 3300 FEET FROM THE S LINE AND 335 FEET FROM THE E LINE OF SEC. 6 TWP. 16S RGE. 37E WPMW		12. County Lea
19. Proposed Depth 11900		19A. Formation Strawn
20. Rotary or C.T. Rotary		
1. Elevations (show whether DF, KI, etc.) 3857' GL	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Unknown
22. Approx. Date Work will start 5-1-86		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	54.5	400	400	Surface
11 or 12 1/4	8 5/8	24.32	4400	1200	Surface
7 7/8	5 1/2	15.5, 17, 20	11900	900	4400

Mud Program

0- 400 Spud-FW
400- 4400 SBW (10.0 ppg)
4400-11400 FW (8.4-8.8 ppg)
11400-11900 FWM (8.8-9.3 ppg)

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BOP Program

13 3/8" casing SA-Diverter
8 5/8" casing RRA-3000 psi

Cement

400 sx 'c' w/ 2% CaCl₂. WOC 8 hrs.-
Surface Casing
950 sx 'c' w/ 10% gel
250 sx 'c' Neat WOC 8 hrs.-
Intermediate Casing

Diagrammatic sketch and specifications of BOP are attached.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Sign: Melba Knipling Title: Section Head Date: 4-25-86
(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY: DISTRICT 1 SUPERVISOR TITLE: DATE: MAY 7 - 1986

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

Exxon Lse. No. _____

NEW MEXICO OIL CONSERVATION COMMISSION

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

State Lse. No. _____

WELL LOCATION AND ACREAGE DEDICATION AT

Federal Lse. No. _____

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

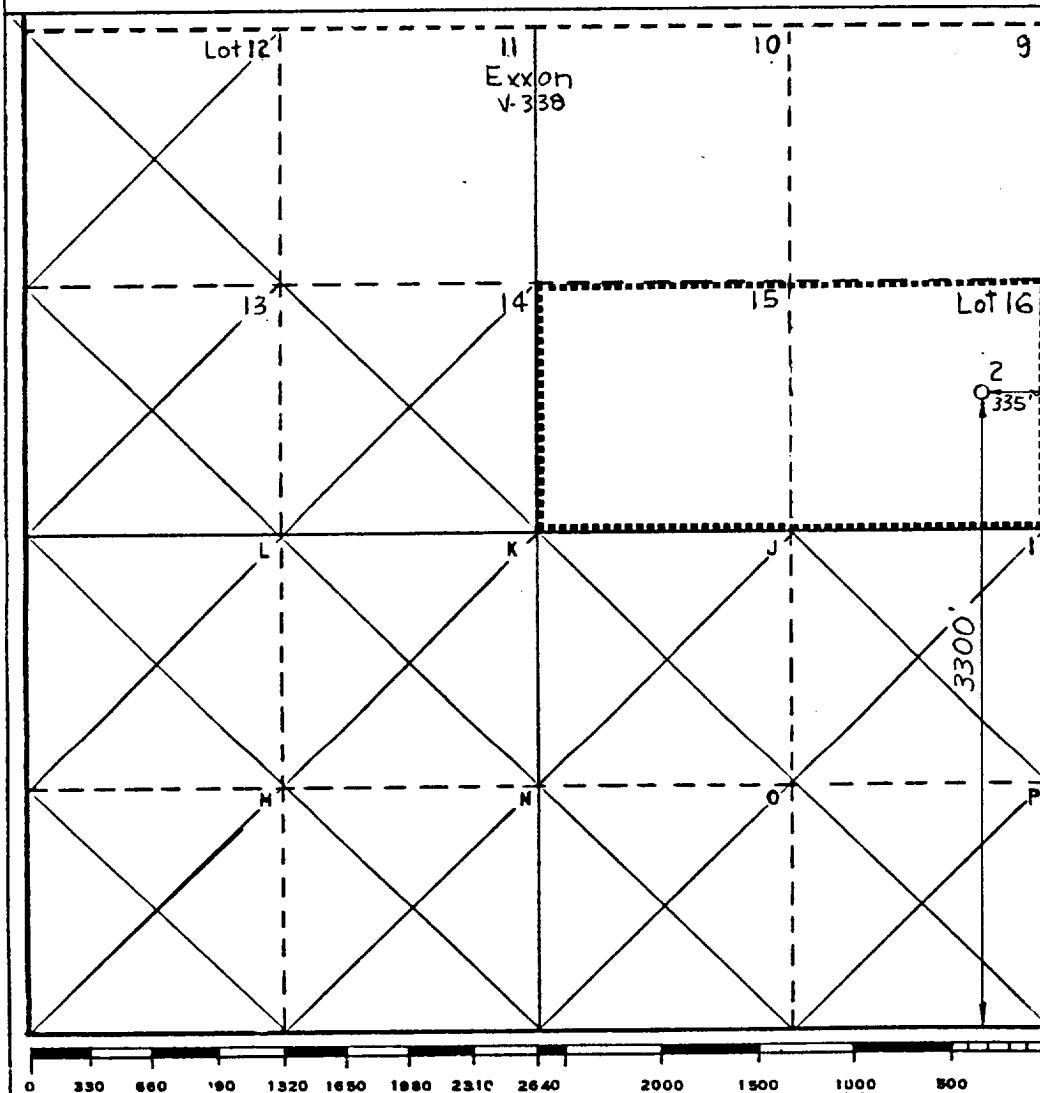
Operator Exxon Corporation		Lease NEW MEXICO "FC" STATE		Well No. 2
Unit Letter LOT 16	Section 6	Township 16S	Range 37E	County LEA
Actual Footage Location of Well: 3300 feet from the SOUTH line and 335 feet from the EAST line				
Ground Level Elev. 3857'	Producing Formation PENN	Pool DEAN PERMO - PENN,	Dedicated Acreage: 80 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

Melba Knippling

Position

UNIT HEAD

Company Exxon Corporation

Box 1600 Midland, Texas

Date

4-25-86

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

4-14-86

Registered Professional Engineer
and/or Land Surveyor

Bruce R. Pennell

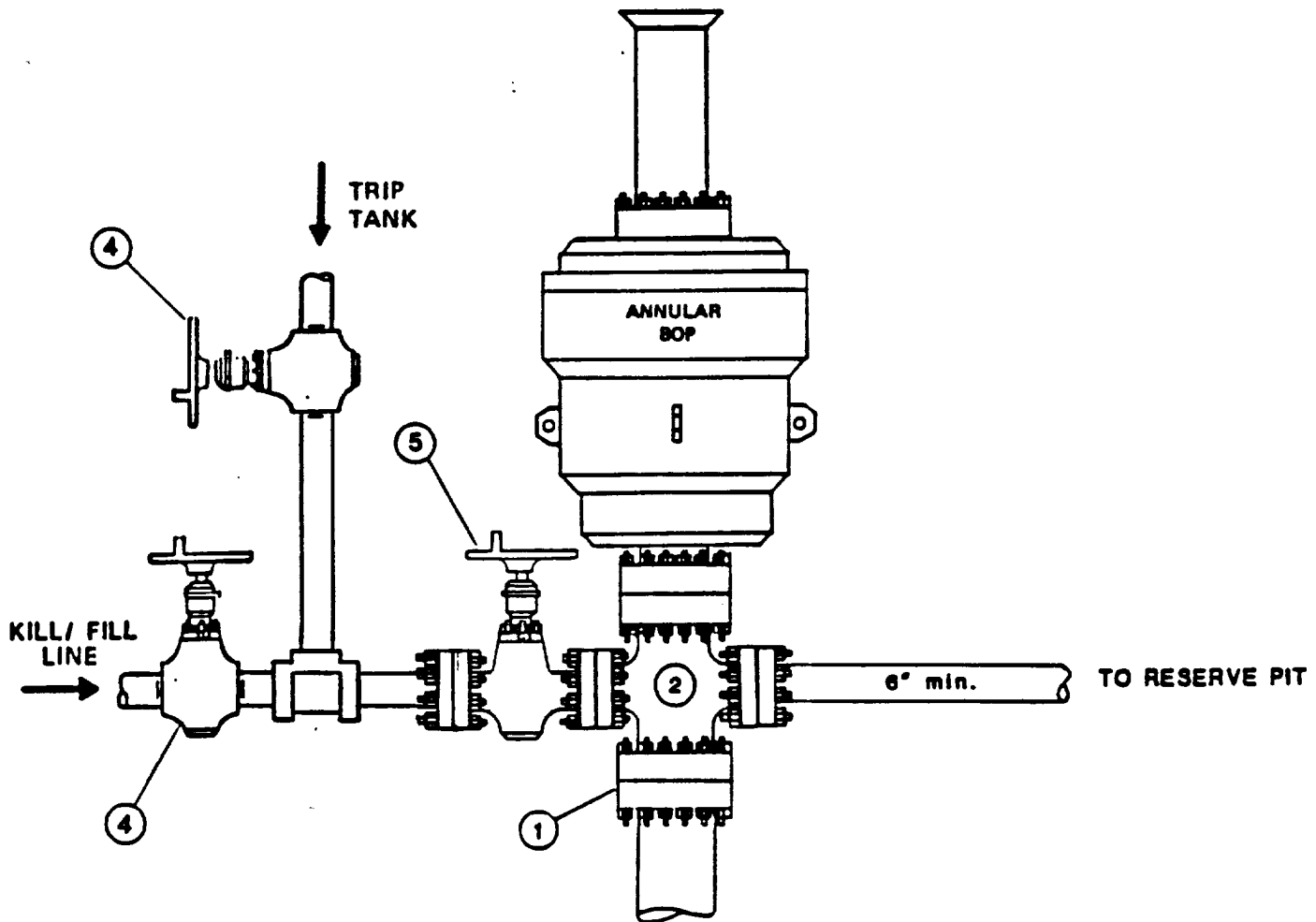
Certificate No.

9062

10.0 Miles EAST of LOVINGTON, New Mexico

C.E. Sec. File No. W-A-9117-A

TYPE SA DIVERTER



COMPONENT SPECIFICATIONS

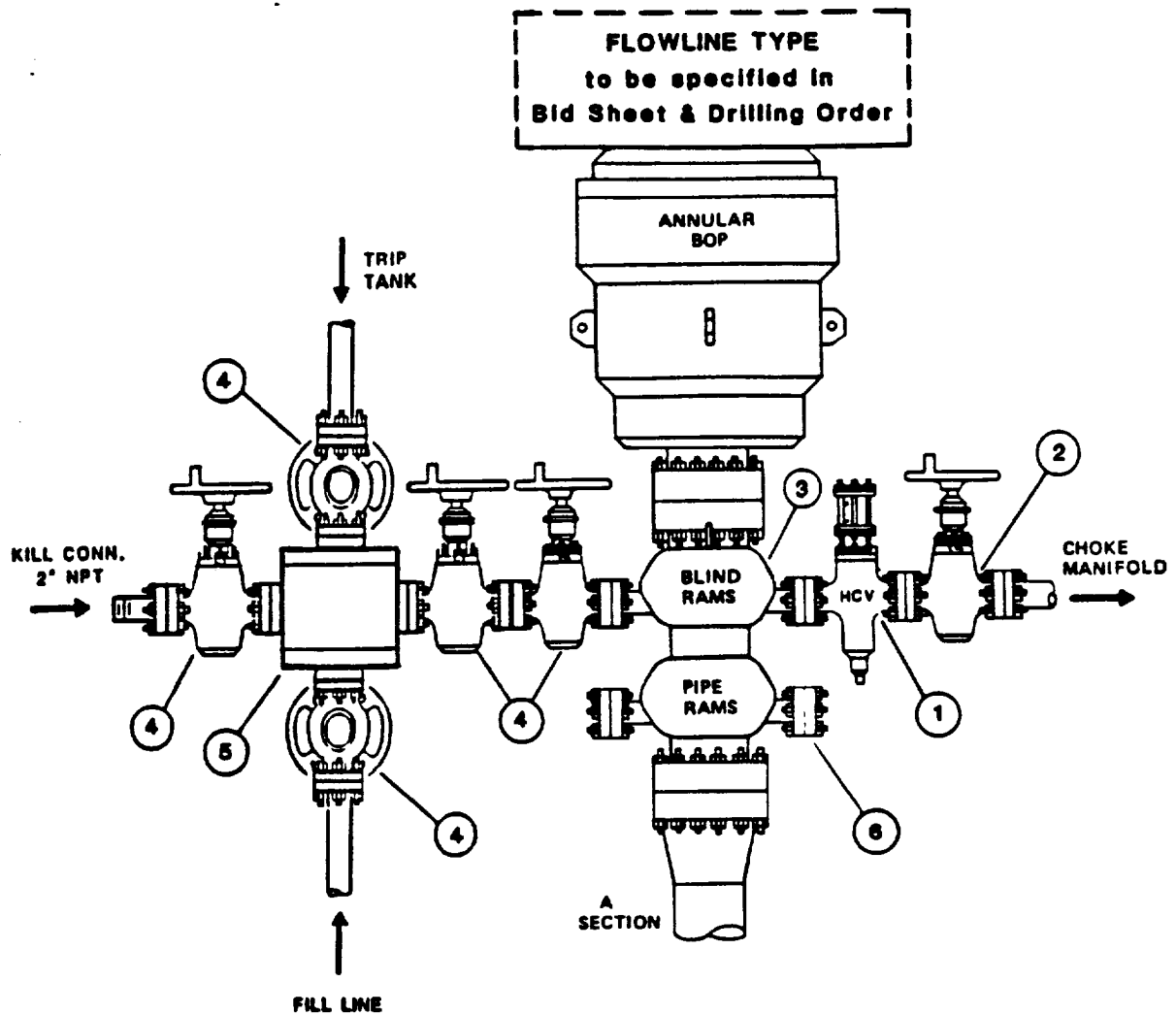
Type SA Diverter

1. Wellhead or BOP Companion flange - screwed or welded to casing.
2. Flanged Drilling Spool.
3. Diverter line minimum size 6" 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.
4. Flanged or screwed gate or plug valve -- 2" minimum nominal diameter and 2000 psi minimum working pressure.
5. Full opening flanged gate or plug valve -- 2" minimum -- 2000 psi minimum working pressure.

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TYPE RRA BOP STACK

THREE PREVENTERS



COMPONENT SPECIFICATIONS

Type RRA BOP Stack

1. Flanged hydraulically controlled gate valve -- 3" minimum nominal diameter -- same working pressure as BOP stack.
2. Flanged plug gate valve -- 3" minimum nominal diameter -- same working pressure as BOP stack.
3. BOP outlets must be 2" minimum nominal diameter for kill line and 3" minimum diameter for choke line.
4. Flanged plug or gate valve -- 2" minimum nominal diameter -- same working pressure as BOP stack.
5. Flanged cross or two (2) flanged tees.
6. Any BOP side outlet flange, located below the bottom ram, must be equipped with a blind flange.

NOTE: Each BOP stack must have separate side outlet connections for kill and choke lines, unless specific approval for a single side-outlet is obtained from the Exxon Division Drilling Manager prior to rig-up. Such approval will not be granted unless the equipment arrangement conforms to the specifications shown on pages 14 and 15 of this Section.

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