

Form 331 (May 1963)

N M OIL CONS. COMMISSION

SUBMIT IN DUPLICATE*

Form approved.

Budget Bureau No. 42-R1425.

Drawer DD

Artesia, NM 88210 UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONEMULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Exxon Corporation

3. ADDRESS OF OPERATOR

Post Office Box 1600, Midland, Texas 79702

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

At surface

1968' FNL & 660' FWL of Section
At proposed prod. zone

(Irregular Section)

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

8 Miles North from Carlsbad

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)660' lse line
660' drlg line

16. NO. OF ACRES IN LEASE

2261.75

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

4500' SE to #21

19. PROPOSED DEPTH

12,000'

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

3231" GR

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.5 #	600'	800 sx - Circulate
12 1/4"	9 5/8"	36 #	3000'	1200 sx - Tie into surface
8 3/4"	5 1/2"	17,20 #	12000'	1600 sx - Tie into intermediate c.

GAS NOT DEDICATED

A request for approval of an unorthodox location and non-standard unit has been made to the NMOCC. This is due to an irregularity in the U. S. Public Land Survey.

RECEIVED

MAY 27 1983

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.

OIL & GAS
ROSWELL, NEW MEXICO

24. SIGNED Melba Knippling TITLE Unit Head DATE May 26, 1983
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY A. G. Lopez TITLE _____ DATE 6/24/83
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NMOCC approved the non-standard location

Exxon Les. No. _____

NEW MEXICO OIL CONSERVATION COMMISSION

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

State Les. No. _____

WELL LOCATION AND ACREAGE DEDICATION PLAT

Federal Les. No. _____

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

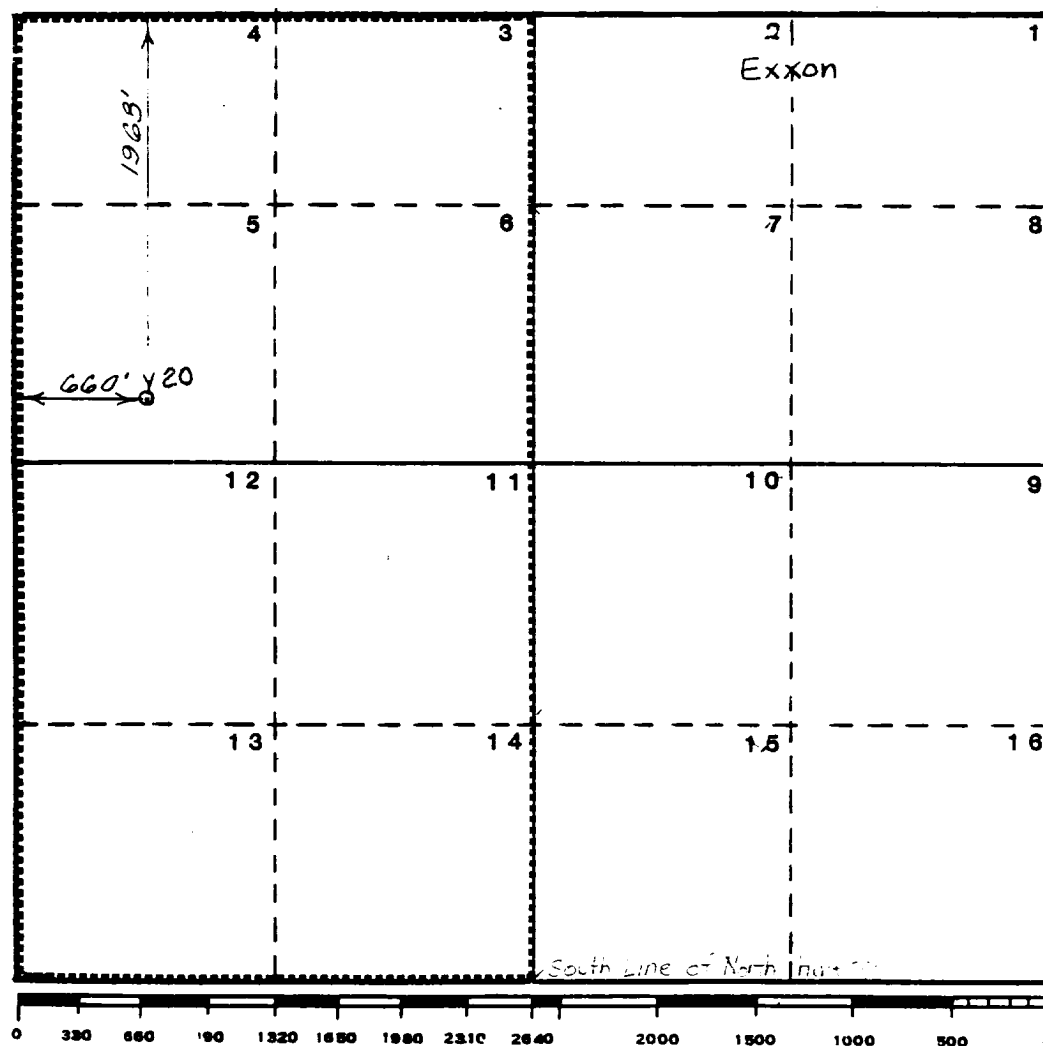
Operator Exxon Corporation			Lease Yates Federal "C" Tract		Well No. 20
Unit Letter Lat E	Section 5	Township 21 S	Range 27 E	County El Paso	
Actual Footage Location of Well: 1968 feet from the North line and 660 feet from the West line					
Ground Level Elev. 3231	Producing Formation Morrow		Pool Burton Flat		Dedicated Acreage: 300.25 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
5-24-83

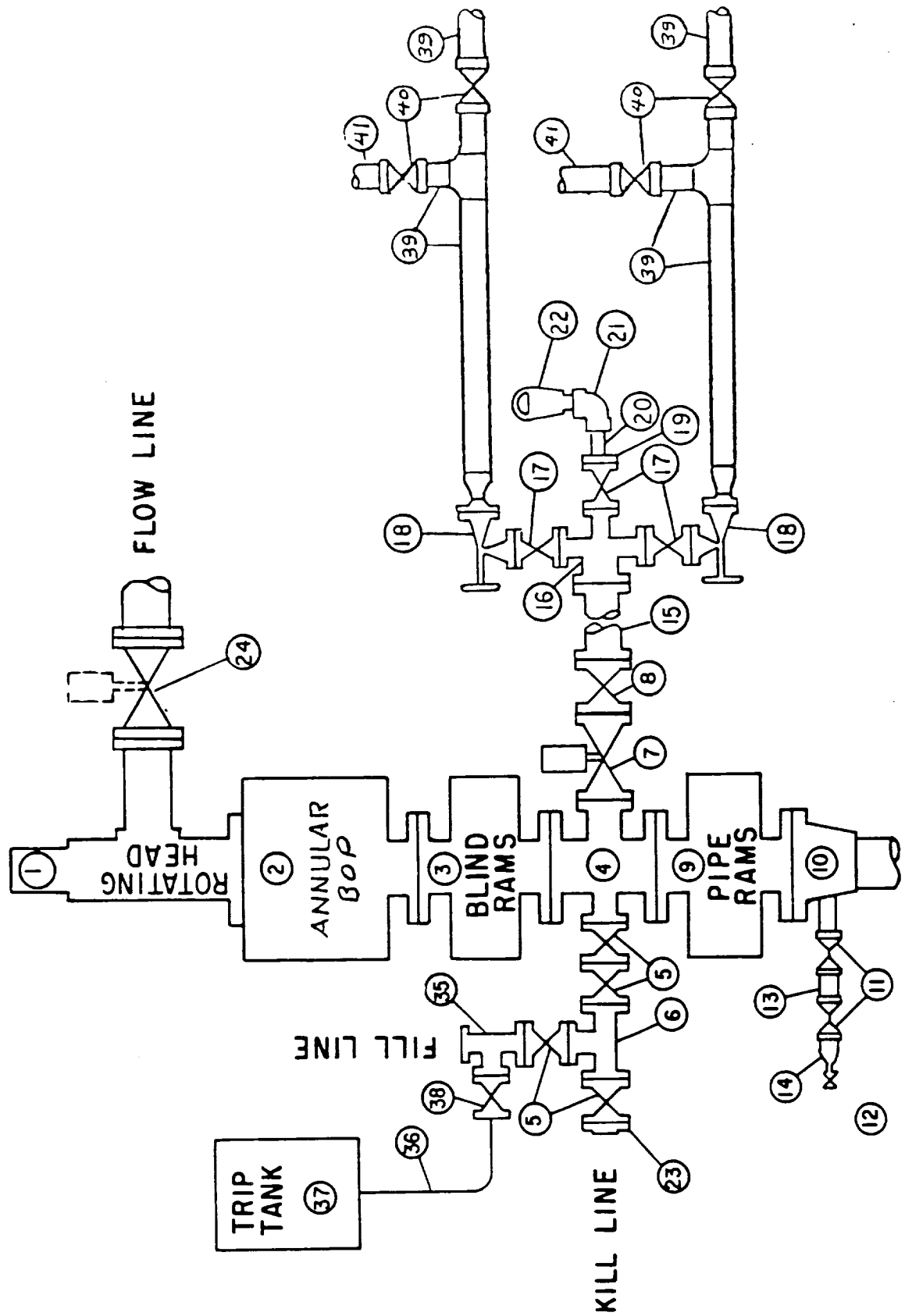
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
5-11-83

Registered Professional Engineer and/or Land Surveyor

W. J. Edmund
Certificate No.
6157

MIDLAND DRILLING ORGANIZATION BLOWOUT PREVENTER SPECIFICATION TYPE II - B



EXXON CORPORATION
YATES FEDERAL C NO. 20
1980' FNL, 660' FWL
Section 5, T21S, R27E
Eddy County, New Mexico
Federal Lease No. NM-01119

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

2. The estimated tops of important geologic markers:

Yates	450'
Capitan	700'
Seven Rivers	1,200'
San Andres	2,500'
Delaware	2,900'
Bone Springs	4,750'
Dean	8,300'
Wolfcamp	8,800'
Canyon	9,650'
Strawn	10,000'
Atoka	10,400'
Morrow	10,750'

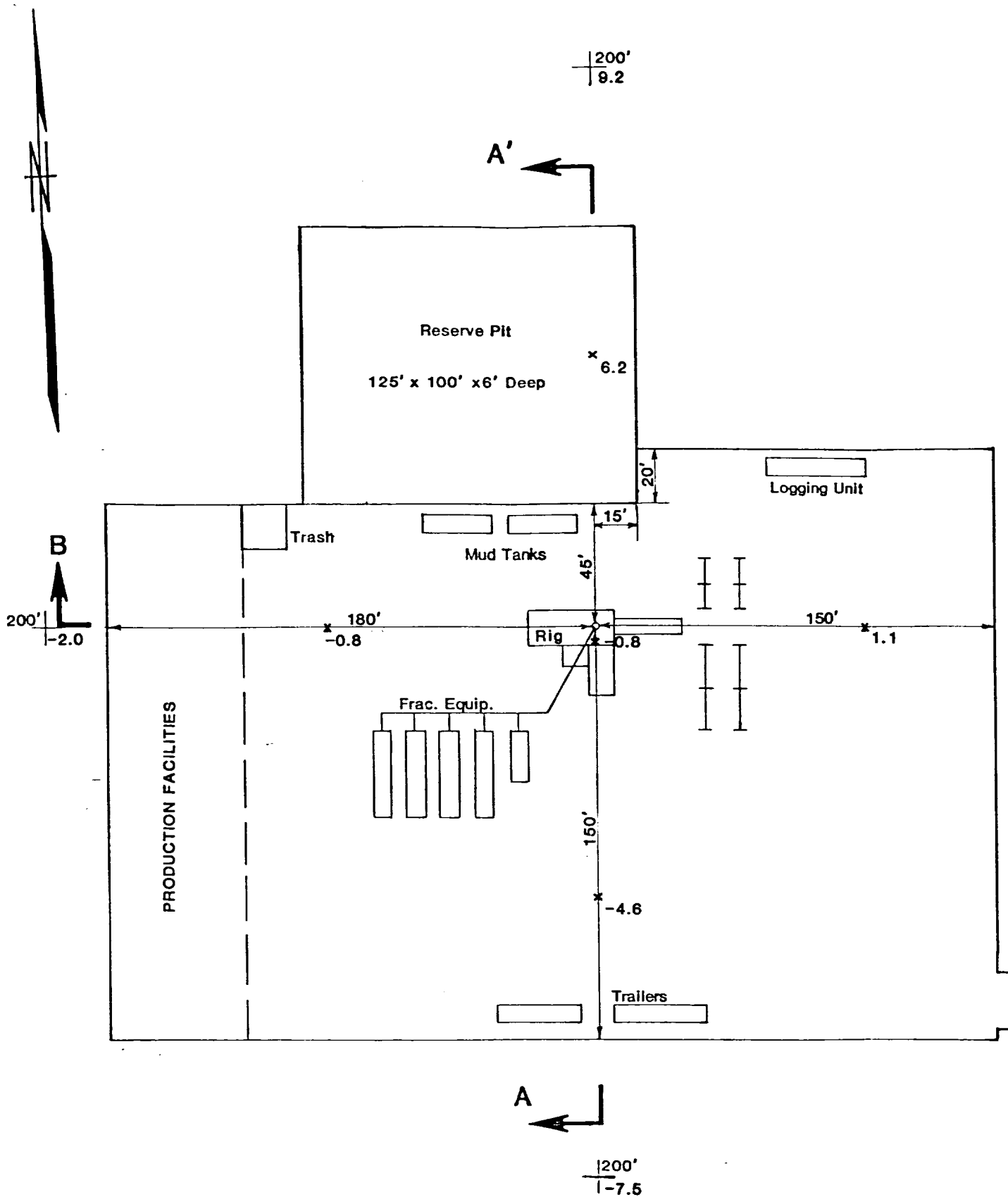
3. The estimated depths at which anticipated water, oil, gas, or other mineral bearing formations are expected to occur:

Water	60'
Oil	2,500'
	8,800'
Gas	450'
	10,400'

4. Proposed Casing Program:

A. STRING	SIZE	WEIGHT/GRADE	CONDITION	DEPTH INTERVAL
Conductor	20"	Schedule 10	New or Used	0- 40'
Surface	13-3/8"	54.5#/K-55	New or Used	0- 600'
Intermediate	9-5/8"	36#/K-55	New or Used	0- 3,000'
Production	5-1/2"	20#/L-80	New or Used	0-12,000'
		17#/L-80		
		17#/K-55		
*B. STRING	SIZE	WEIGHT/GRADE	CONDITION	DEPTH INTERVAL
Conductor	20"	Schedule 10	New or Used	0- 40'
Surface	13-3/8"	54.5#/K-55	New or Used	0- 600'
Intermediate	9-5/8"	36#/K-55	New or Used	0- 3,000'
Intermediate	7"	23&26#/N-80	New or Used	0-10,100'
		29#/C-75		
Production (Liner)	5"	18#/N-80	New or Used	9,800-12,000'

*Contingency string to be used only if severe lost returns are encountered.



WELL SITE LAYOUT

Scale: 1" = 50'

V-DOOR EAST

YATES FEDERAL "C" #20 LOT 5 SEC. 5 T21S R27E EDDY CO., NEW MEXICO				EXON COMPANY, U.S.A. (a division of Exxon Corporation) PRODUCTION DEPARTMENT EXHIBIT "B"	
DRAWN <u>MLH</u> CHECKED _____		ENGR. SECTION _____ REVISED _____ APPROVED _____		DATE <u>5/17/83</u> SCALE <u>SHOWN</u>	JOB NO. _____ FILE NO. WB-1838-A2

