

SURFACE PIPE - 650 FT of 12 1/4" HOLE:

Attempt to circulate 315 sxs with Class "C" cement and 2% CACL and 1/4 lb/sack of cellophane flakes A "Texas" pattern guide shoe and insert float valve will be run, along with 3 centralizers on bottom 300 feet of string. Thread socking compound should be used on bottom two joints of casing.

PRODUCTION CASING - 3,800 FT OF 5 1/2" IN 7 7/8" HOLE:

Production casing will be cemented with 620 sxs Class C with 5 lb/sack salt and some fluid loss additive. Cement will be brought up 100' from base of surface casing. ✓

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

WOODBINE PETROLEUM, INC.
YATES FEDERAL #3
660' FSL AND 990' FWL
SECTION 11, T19S, R31E
EDDY COUNTY, NEW MEXICO

This plan is submitted with Form 3160-3, application for permit to drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbance involved, and the procedures to be followed in rehabilitating the surface after completion of operations so that a complete appraisal can be made of the environmental effects associated with the operation.

1. EXISTING ROADS

A. Reduced section of a USGS topographic map showing existing lease roads and location. The scale is one inch equals 3,000 feet.

DIRECTIONS:

1. Proceed west from Hobbs on US 62-180 for 36 miles.
2. Turn right on (north) on State Highway 176 and continue for 4.2 miles.
3. Turn right (north) on county road 126A and continue 4.5 miles and turn left (west) go approximately 2 miles then north approximately one mile to the location.

2. PLANNED ACCESS ROAD

A. See Item 1.

3. LOCATION OF EXISTING WELLS

A. The locations of existing active wells located in and immediately adjacent to Section 11 are highlighted on Exhibit "C".

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

A. There are two producing wells on this lease, the Yates Federal #1, located 660' FSL and 2,080' FWL and the Yates Federal #2 located 1,650' FSL and 2,080' FWL, Section 11 T19S R31E, Eddy County, New Mexico.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. It is planned to drill the proposed well with a cut-brine water system. The water will be obtained from commercial sources and will be hauled to location by truck over existing and proposed lease roads marked on Exhibit "B".

6. SOURCES OF CONSTRUCTION MATERIALS

- A. Caliche required for construction of the location pad and access road will be obtained from caliche on the location.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Drill cuttings will be disposed of in the reserve pits.
- B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
- C. Water produced during operations will be collected at the tank battery and pumped to an approved disposal system.
- D. Oil produced during operations will be stored at the existing battery and sold through transport trucks.
- E. Current regulations pertaining to disposal of human waste will be complied with.
- F. Trash, waste paper, garbage and junk will be buried in a separate trash pit and covered with a minimum of 24 inches of dirt. All waste material will be contained to prevent scattering by the wind.
- G. All trash and debris will be buried or removed from the well site within 30 days after drilling and/or completion operations are terminated.

8. ANCILLARY FACILITIES

- A. No ancillary facilities will be required for this well.

9. WELLSITE LAYOUT

- A. Exhibit "D" shows the dimensions of the well pad and reserve pits and the location of major rig components.

- B. The ground surface at the drilling location is essentially flat.
- C. The reserve pits will be plastic lined.
- D. The pad and pit area has been staked and flagged.

10. PLANS FOR RESTORATION OF THE SURFACE

- A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleared of all trash and junk, to leave the wellsite in as aesthetically pleasing a condition as possible.
- B. Unguarded pits, if any, containing fluids will be fenced until they have been filled.
- C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the Bureau of Land Management and the United States Geological Survey will be complied with and will be accomplished as expeditiously as possible. All pits will be filled and leveled within 90 days after abandonment.

11. TOPOGRAPHY

- A. The well site and access route are located in a flat area with little relief.
- B. The top soil at the wellsite is caliche.
- C. The vegetation cover at the wellsite is moderately sparse, with mesquite, grasses, yucca, scrub oak and weeds.
- D. No wildlife was observed but it is likely that rabbits, lizards, insects and rodents traverse the area. The area is used for cattle grazing.
- E. There are no ponds, lakes, streams, or rivers within several miles of the wellsite.
- F. The wellsite is located on federal surface.
- G. There is no evidence of any archaeological, historical or cultural sites in the vicinity of the location.

12. OPERATOR'S REPRESENTATIVES

A. The field representatives responsible for assuring compliance with the approved surface use plan are:

Don G. Shackelford
Executive Vice President
Woodbine Petroleum, Inc.
1445 Ross Avenue
Suite 3660, LB 234
Dallas, Texas 75202
Phone: (214) 855-6263 (office)
(214) 492-5754 (home)

Douglas R. Evans
President
Woodbine Petroleum, inc.
1445 Ross Avenue
Suite 3660, LB 234
Dallas, Texas 75202
Phone: (214) 855-6263 (office)
(214) 522-0272 (home)

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Woodbine Petroleum, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

January 24, 1991
Date

By: Don G. Shackelford
Don G. Shackelford
Executive Vice President

JOHN D. JAQUESS
CONSULTING ENGINEERS
P.O. Box 2565
ROSWELL, NEW MEXICO 88201
(505) 622-8866

GRID ELEVATIONS

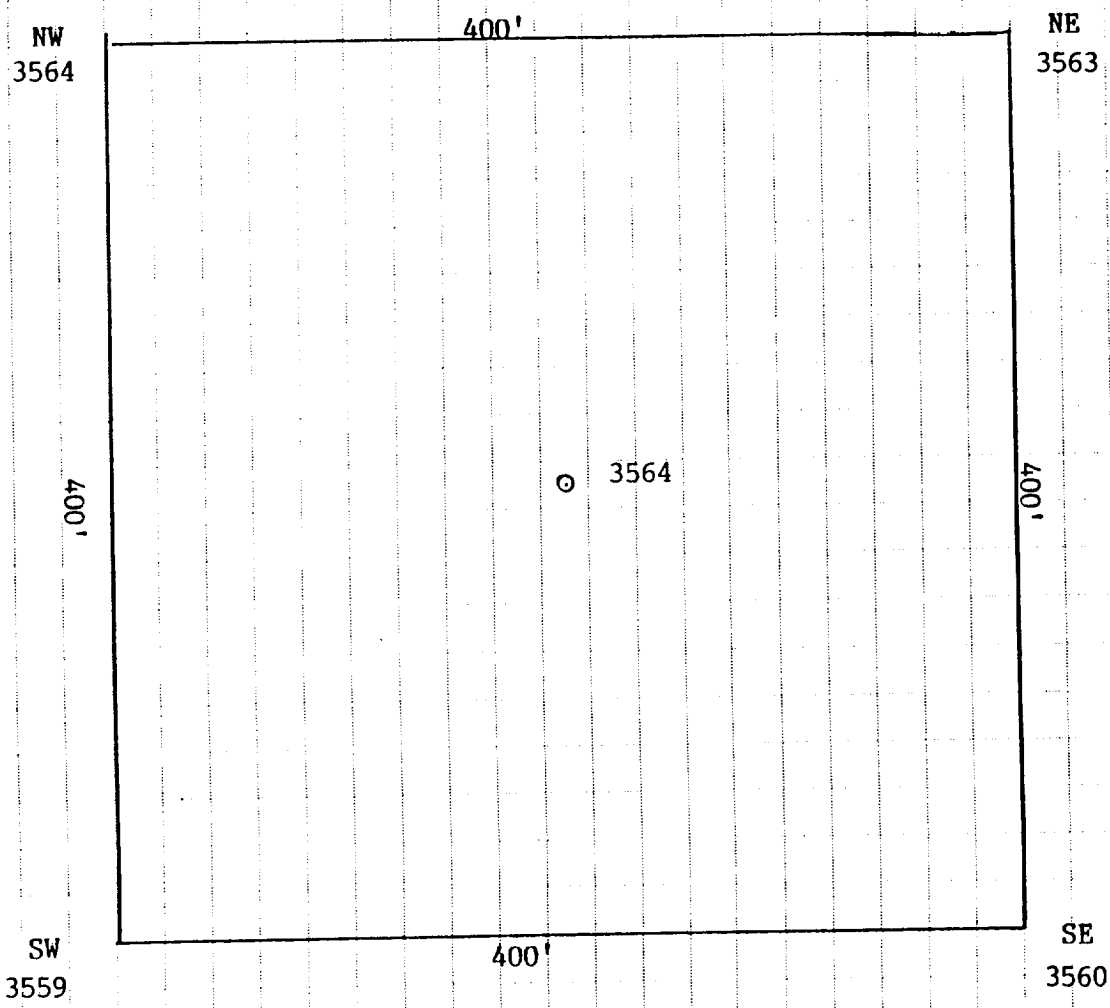
JOB _____

SHEET NO. _____ OF _____

CALCULATED BY _____ DATE _____

CHECKED BY _____ DATE _____

SCALE _____



Yates Federal #3
660 FSL, 990 FWL
Sect. 11, T.19S., R.31E.
Eddy County, New Mexico

RECEIVED ~~CONFIDENTIAL~~

NM060-3160-1 (4/88)

JAN 28 11 42 AM '91

NOTICE OF STAKING

(Not to be used in place of
Application for Permit to Drill Form 3160-3)

1. Oil Well ☒ Gas Well ☐ Other ☐ (Specify)		6. Lease Number NM-63011	
2. Name of Operator: Woodbine Petroleum, Inc.		7. If Indian, Allottee or Tribe Name N/A	
3. Name of Specific Contact Person: Don Shackelford		8. Unit Agreement Name N/A	
4. Address & Phone No. of Operator or Agent 1445 Ross Avenue, Suite 3660, LB 234 Dallas, Texas 75202 214-855-6263		9. Farm or Lease Name Yates Federal	
5. Surface Location of Well 660 feet FSL and 990 feet FWL Sec. 11, T. 19 S., R. 31 E., Eddy County, NM Attach: a) Sketch showing road entry onto pad, pad dimensions, and reserve pit. b) Topographical or other acceptable map showing location, access road, and lease boundaries.		10. Well No. 3	
		11. Field or Wildcat Name Undesignated	
15. Formation Objectives(s) Yates Seven Rivers		16. Estimated Well Depth 3800 feet	12. Sec., T., R., M., or Blk and Survey or Area Sec. 11, T. 19 S., R. 31 E., NMPM
		13. County, Parish or Borough Eddy	14. State N.M.
17. Additional Information (as appropriate; shall include surface owner's name, address and, if known, telephone number)			

Bureau of Land Management

18. Signed W. L. Shackelford Title _____ Agent _____ Date 12/28/90

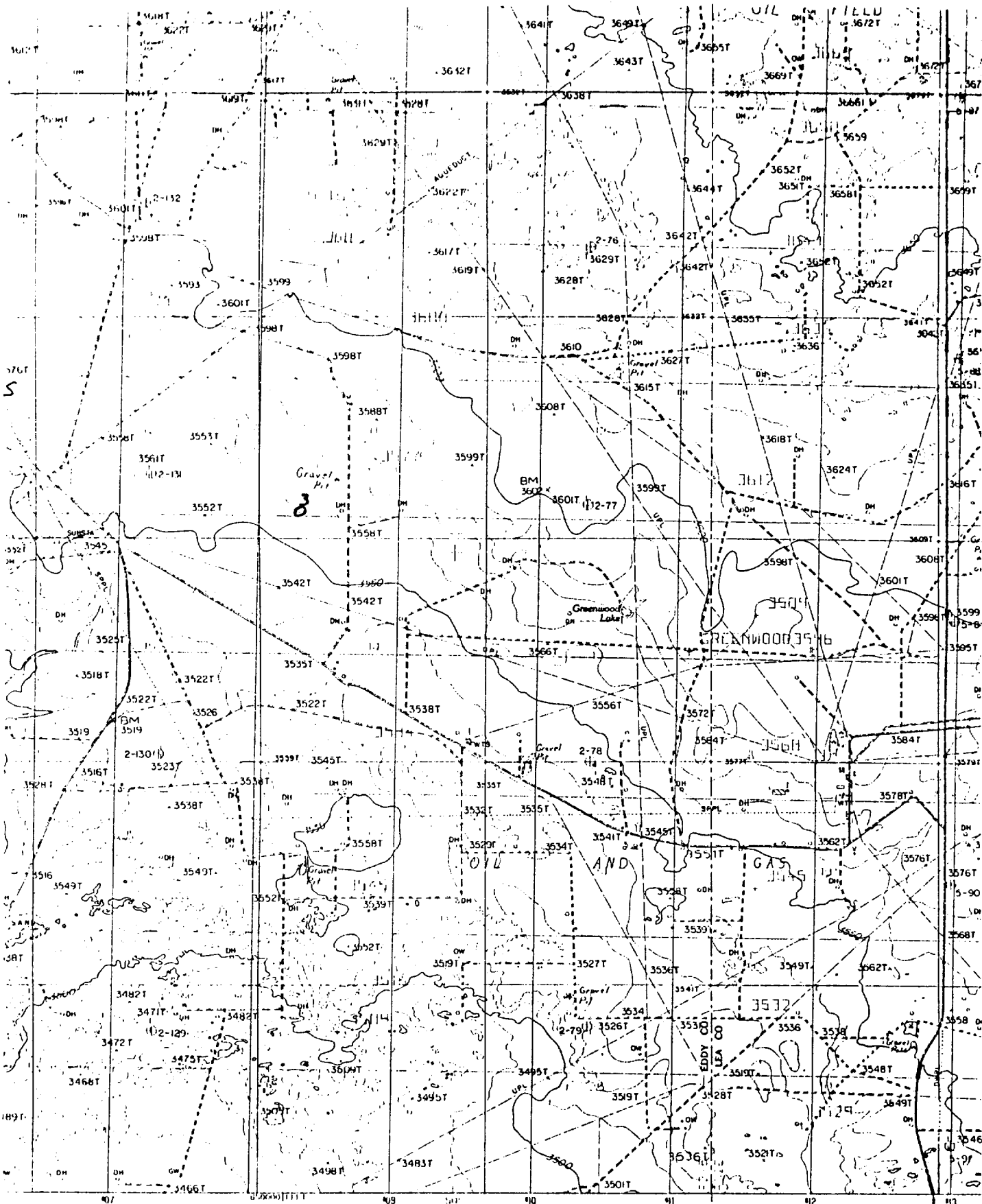
Note: Upon receipt of this Notice, the Bureau of Land Management (BLM) will schedule the date of the onsite predrill inspection and notify you accordingly. The location must be staked and access road must be flagged prior to the onsite.

Operators must consider the following prior to the onsite:

- a) H₂S Potential
- b) Cultural Resources (Archaeology)
- c) Federal Right of Way or Special Use Permit

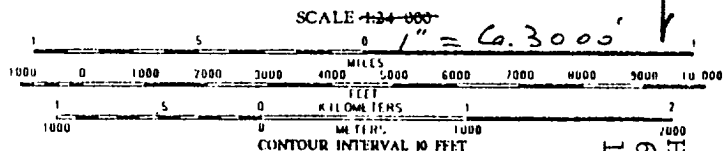
IMPORTANT: SEE REVERSE SIDE FOR INSTRUCTIONS

Woodbine Petroleum, Inc. No. 3 Yates Federal
660' FSL and 990' FWL Sec. 11, T. 19 S., R. 31 E., Eddy County, NM



UNITED STATES GEOLOGICAL SURVEY
PHOTOGRAPHIC MAP TAKEN 1927
1928 MAP EDITED 1945
TRANSVERSE MERCATOR
AL TRANSVERSE MERCATOR (ZONE 13)
MID LINE NEW MEXICO EAST ZONE
DECLINATION 1927
NATIONAL GEODETIC VERTICAL DATUM OF 1929
1927 NORTH AMERICAN DATUM
listed North American Datum of 1929,
lines as shown by dashed corner ticks
(meters east)
inclusions within the boundaries of any
various shown on this map
of lettering generated and positioned by
in procedures

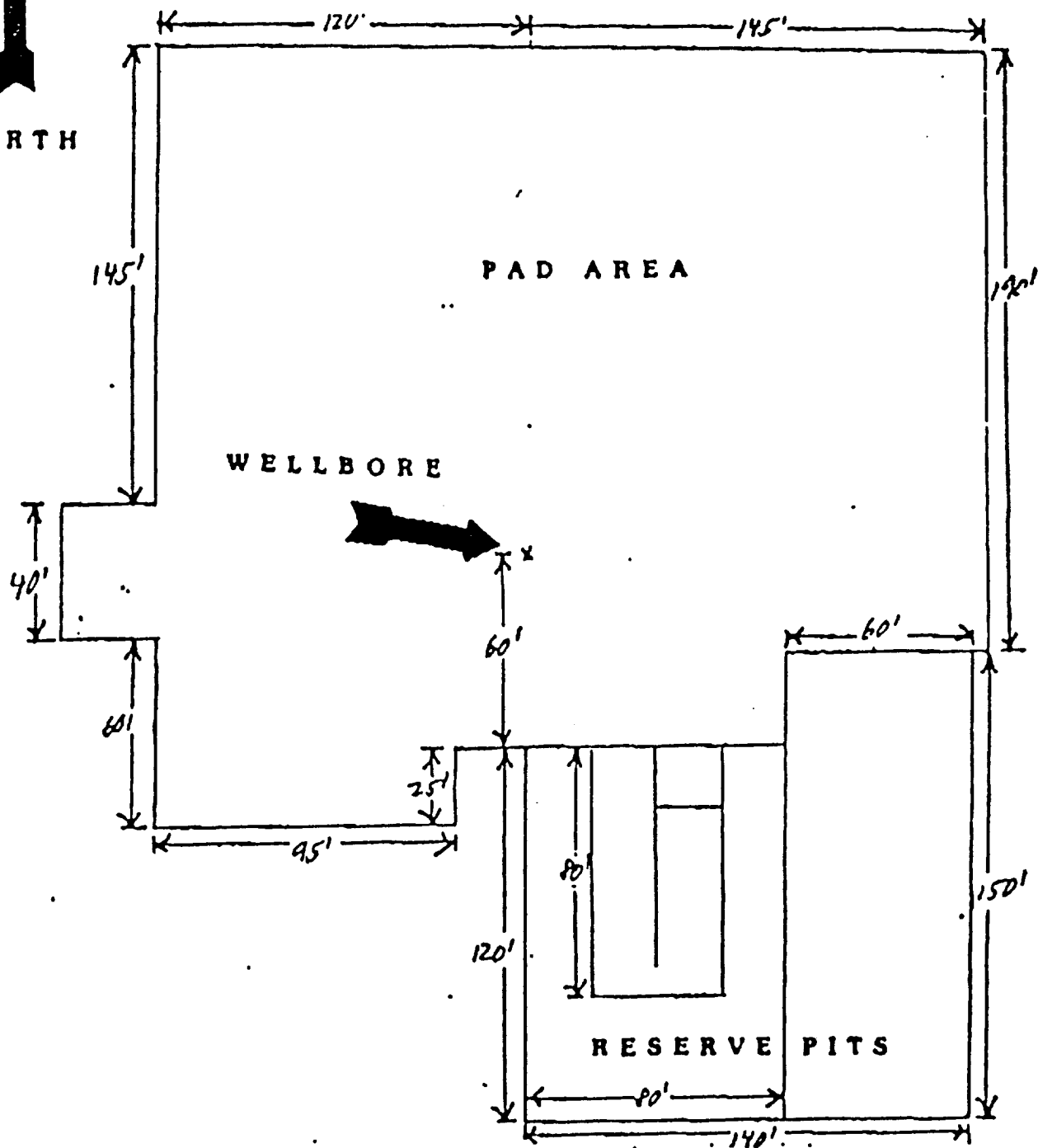
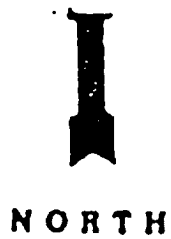
PROVISIONAL MAP
Produced from original
manuscript drawings. Infor-
mation shown as of date of
field check.



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092

HWYS
62 &
180

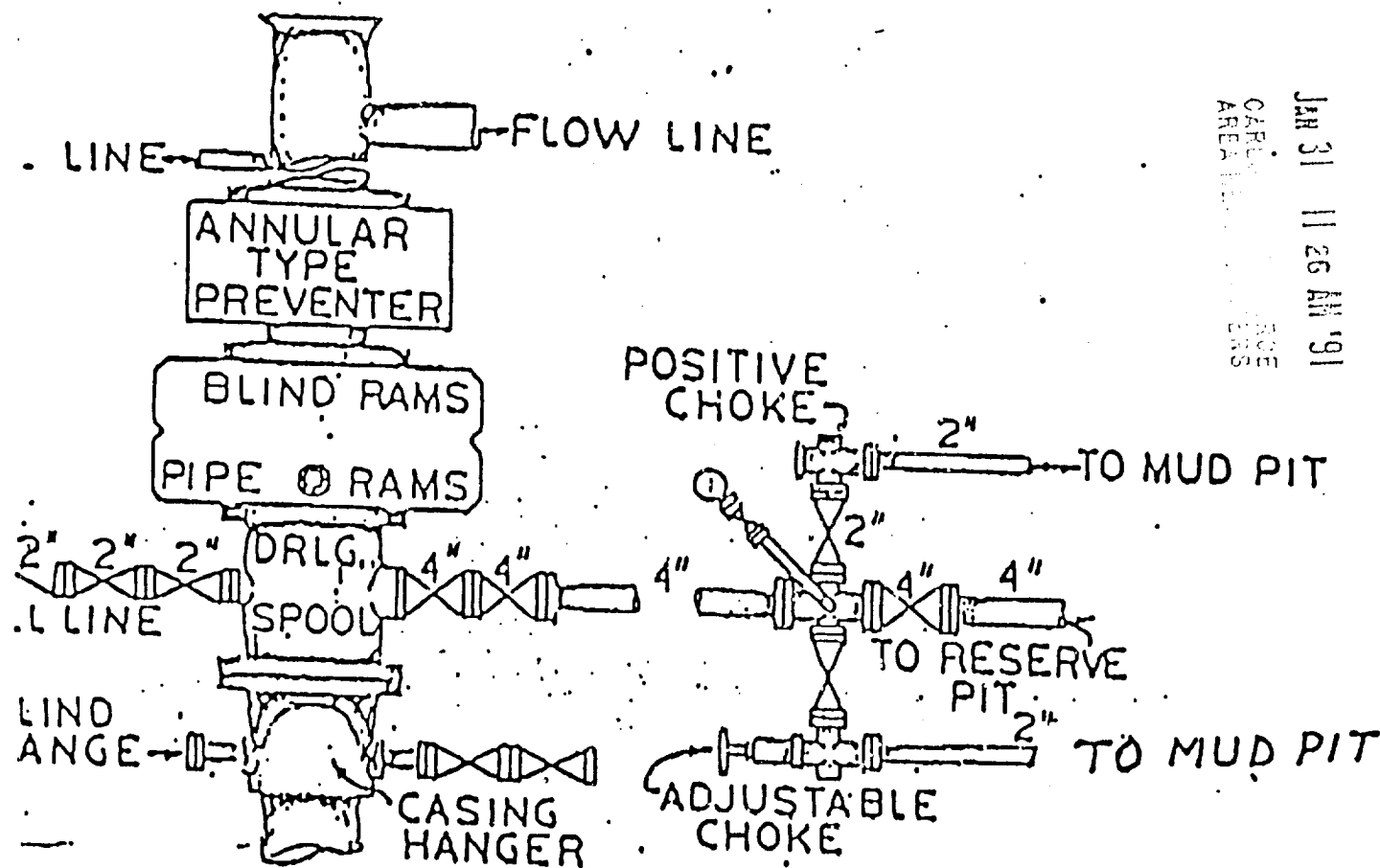
TS 61



EQUIPMENT

Exhibit E

3000 LB. W.P. B.O.P. ARRANGEMENT
 10" CAMERON TYPE-SS HYDRAULIC B.O.P. 3000 P.S.I.
 10" G.K. HYDRILL 3000 W.P.
 80 GALLON- STATION KOOMEY ACCUMULATOR
 3000 LB. W.P. CHOKE MANIFOLD



JAN 31 11 26 AM '91
 CARLE
 AREA

RECEIVED