

Mailing Address: 50x 140
City: Paducah State: KY Zip: 42001
Phone: (502) 441-6000
() No Phone

(3) WELL RECORD LABEL LOCATION:
() well casing () other

(4) WELL LOCATION:
USGS Quadrangle Name: Heath
County: Mc Cracken
Elevation: 379.72 ft. () map () altimeter () other survey
Latitude: 37 06 47.5 Longitude: 88 48 44.5
Physiographic or Hydrologic Region:
() Blue Grass () Ohio River Alluvium () E. Coal Field
() Miss. Plateau () Jackson Purchase () W. Coal Field

(7) WELL USE:
() domestic () public () irrigation
() industrial () livestock () monitoring
() unused () other
PWSID #:
Water Withdrawal Permit #:

(10) TYPE OF TREATMENT SYSTEM:
() none
() water softener
() ultra violet
() chlorination
() aeration
() charcoal filter
() sand filter
() iron inhibitor
() other

(5) WELL CHARACTERISTICS:
Is this a hand dug well? () yes () no () unknown
Who constructed well? E O Co Group, Inc. () unknown
Address:
City: State: Zip:

(8) WELL SERVICE:
Number of people served: NA
Number of service connections:
Any quantity problems? () yes () no
Any quality problems? () yes () no
Describe:

Is a treatment bypass available? () yes () no
Describe water quality problem requiring treatment:

Date well was completed: 10 14 86 () unknown
Total depth: 72.1 ft. () measured () reported () unknown
Does the casing extend above the ground? () yes. 24 in. () no
Casing Type(s) Diameter (in) From, Feet Below Surface To Casing Wall Thickness

(9) COMPLIANCE TO STANDARDS:
Is this well in compliance with state water well construction standards? () yes () no () unknown
If no, describe deficiencies:

Casing Type(s)	Diameter (in)	From, Feet	To, Feet	Casing Wall Thickness
1. S. Steel	2"	-2'	67.1	
2. Sp. Screen	2"	67.1	72.1	
3.				
4.				

Is the well located in a pit? () yes () no () unknown
Is the water discharge pipe below ground surface? () yes () no () unknown
Is a pitless adapter used? () yes () no () unknown
Well yield: () gpm () gph () gpd () measured () estimated () unknown
Surface annular material: () clay () sand () cement () drill cuttings () gravel () open annulus () other

(11) INSPECTION INFORMATION:
Date of Inspection: 9 22 92 Check one: () original inspection () re-inspection
Was a water quality sample taken as part of this inspection? () yes () no
Reason for inspection (check all that are applicable):
() general water quality analysis requested
() specific complaint investigation
() general survey
() ambient groundwater monitoring
() other
Other ID #: MW 71
Other ID #: MW 70-A
Well Inventory #: Permit/Program Name

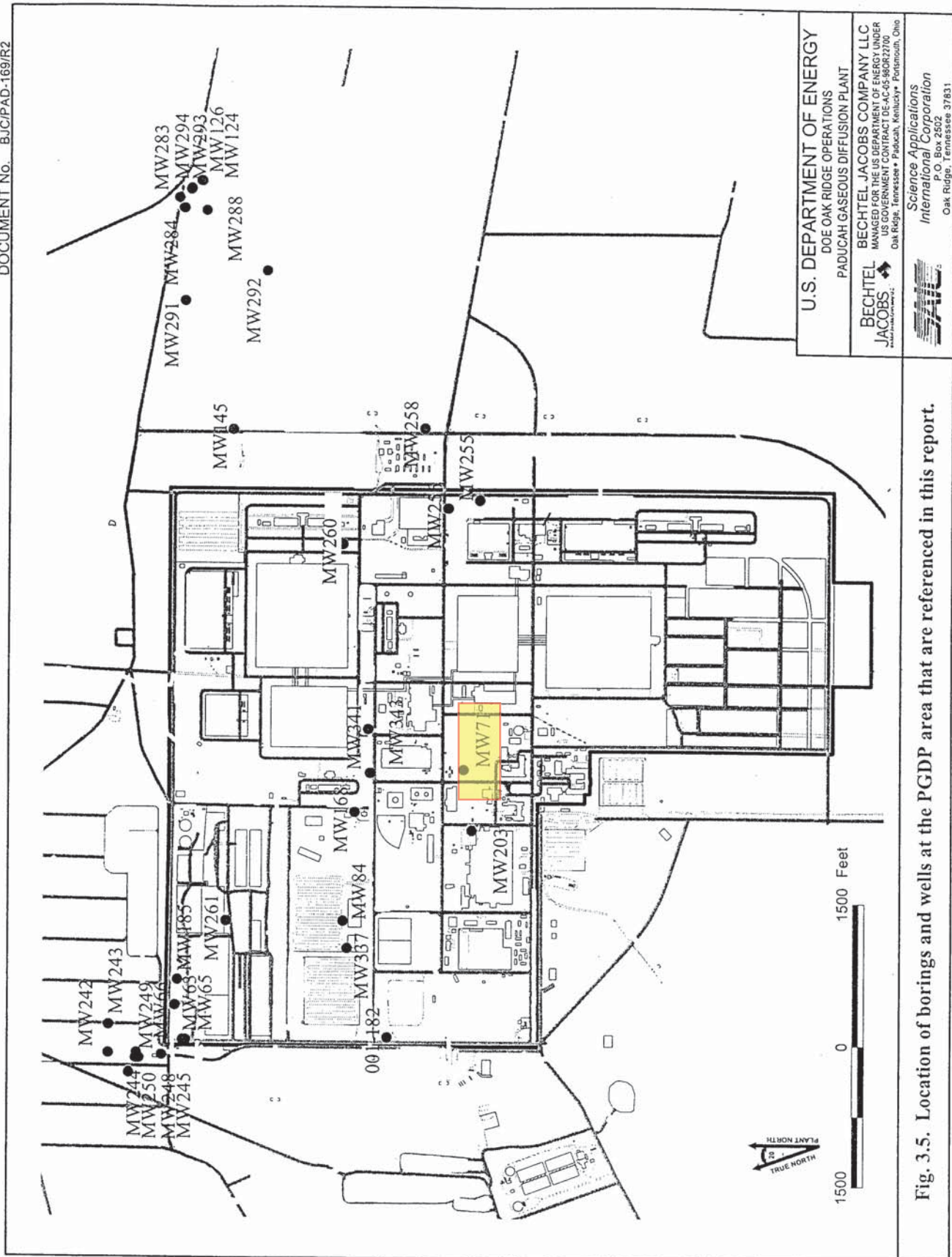
Well head (casing top): () well cap () sanitary seal () open () other
Pump type: () jet () submersible () hand pump () turbine () none () bailer/bucket () other bladder
Level of pump intake: 71.1 ft. () unknown
Age of pump: yrs. () unknown
Electric connection for pump: () 2 wire, 110V () 3 wire, 220V () unknown
Static water level: 52.85 ft. below surface () measured () reported
If unknown: () can't be measured () not measured 5/92
Does the owner have any log or record concerning this well? () yes () no If yes, specify: drill log.

(12) OPTIONAL USE:
Will well owner allow state monitoring? () yes () no () unknown
Extent of monitoring allowed: () collect sample () measure static water level () pump well () remove well cap () other
Monitoring feasibility: high

(6) SKETCH MAP: South of C-400

(13) COMMENTS:

(14) INSPECTOR IDENTIFICATION:
Name: Bell Jarrod C. 3031
Last First MI Inspector ID #
Agency: () CHR () DOW () DWM () KGS () SOAP () Other
Signature of Inspector: Jarrod C. Bell
Date: 9 22 92 Number of Attached pages:



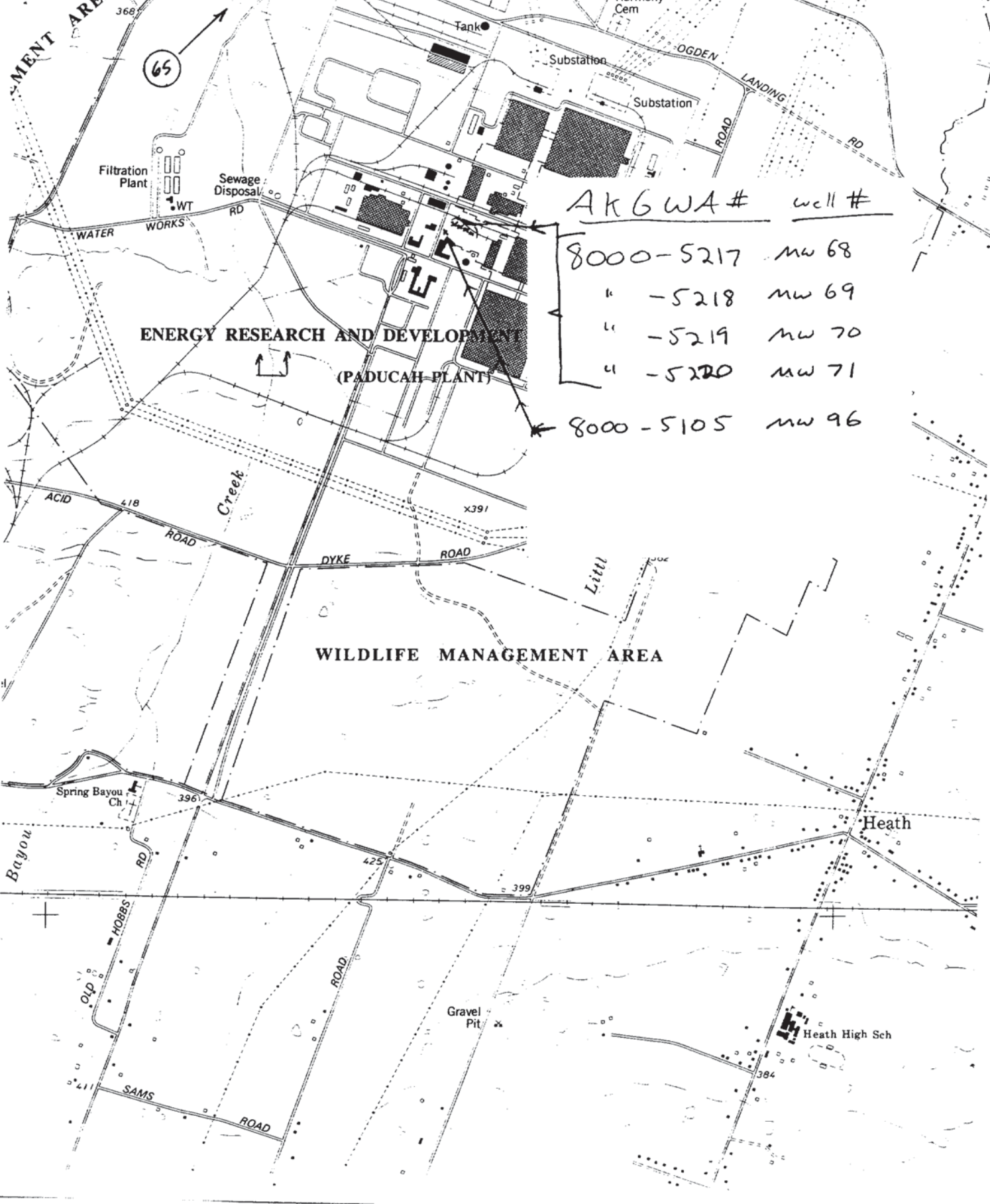
U.S. DEPARTMENT OF ENERGY
DOE OAK RIDGE OPERATIONS
PADUCAH GASEOUS DIFFUSION PLANT

BECHTEL
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BECHTEL JACOBS COMPANY LLC
MANAGED FOR THE U.S. DEPARTMENT OF ENERGY UNDER
US GOVERNMENT CONTRACT DE-AC-05-84OR21700
Oak Ridge, Tennessee • Paducah, Kentucky • Portsmouth, Ohio

Science Applications
International Corporation
P.O. Box 2502
Oak Ridge, Tennessee 37831

Fig. 3.5. Location of borings and wells at the PGDP area that are referenced in this report.



AKGWA #	well #
8000-5217	mw 68
" -5218	mw 69
" -5219	mw 70
" -5220	mw 71
8000-5105	mw 96