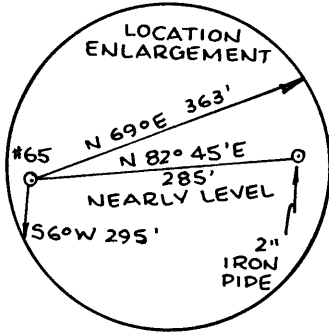


7570'  
LATITUDE 39°30'



JAMES S. WELLS #65  
ELEV. 610'

**JAMES S. WELLS**  
**372.76 ACRE**  
**LEASE**

\* NOTE: THE PLACEMENT AND DISTANCES TO THE FMC WELLS IN RELATION TO THE JAMES S. WELLS #65 WELL ARE ON A SCALE OF 1"=400'.

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE **1"=100'**  
MINIMUM DEGREE OF ACCURACY **1:200**  
PROVEN SOURCE OF ELEVATION **FMC BM MONUMENT #8 ELEV. 647.151'**

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
(SIGNED) *William R. Moore*  
R.P.E. \_\_\_\_\_ L.L.S. **551**



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
FORM IV-6 (8-78)



DATE **10 SEPTEMBER 1984**  
OPERATOR'S WELL NO. **JAMES S. WELLS**  
API WELL NO. **#65**  
**47 - 095 - 1094**  
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

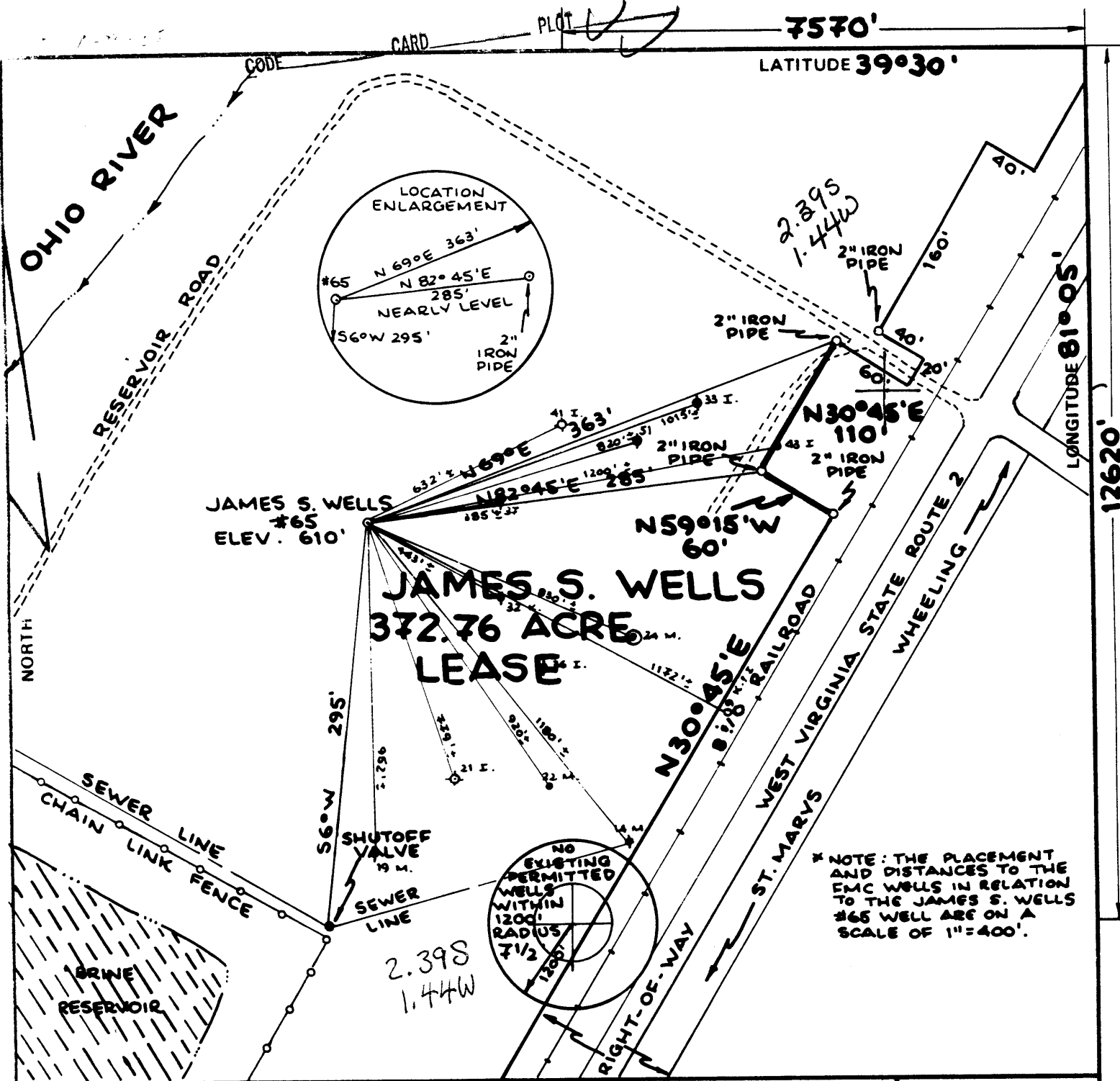
*Cancelled*

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
(IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
LOCATION: ELEVATION **610'** WATER SHED **OHIO RIVER**  
DISTRICT **UNION** COUNTY **TYLER**  
QUADRANGLE **BENS RUN 7 1/2' QUAD.**  
SURFACE OWNER **FMC CORPORATION** ACREAGE **372.76**  
OIL & GAS ROYALTY OWNER **JAMES S. WELLS HRS** LEASE ACREAGE **372.76**  
LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
TARGET FORMATION **BROWN SHALE** ESTIMATED DEPTH **3625'** JAN 26 1987  
WELL OPERATOR **BENS RUN OIL CO.** DESIGNATED AGENT **JOHN A. SMITH**  
ADDRESS **509-C LOCUST AVENUE** ADDRESS **STAR ROUTE BOX 105**  
**CHARLOTTESVILLE, VA. 22901** **BENS RUN, W.VA. 26135**

TYLER 1094



\* NOTE: THE PLACEMENT AND DISTANCES TO THE EMC WELLS IN RELATION TO THE JAMES S. WELLS #65 WELL ARE ON A SCALE OF 1"=400'.

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE **1"=100'**  
 MINIMUM DEGREE OF ACCURACY **1:200**  
 PROVEN SOURCE OF ELEVATION **EMC BM MONUMENT #8 ELEV. 647.151'**

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
 (SIGNED) *William P. Hesser*  
 R.P.E. \_\_\_\_\_ L.L.S. **551**

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE **10 SEPTEMBER**, 19 **84**  
 OPERATOR'S WELL NO. **JAMES S. WELLS #65**  
 API WELL NO. \_\_\_\_\_  
**47 - 095 - 1094**  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION ELEVATION **610'** WATER SHED **OHIO RIVER**  
 DISTRICT **UNION** **6** **241** COUNTY **TYLER** **116**  
 QUADRANGLE **BENS RUN 7 1/2' QUAD. St. Marys 15' NC2**  
 SURFACE OWNER **FMC CORPORATION** ACREAGE **372.76**  
 OIL & GAS ROYALTY OWNER **JAMES S. WELLS HRS.** LEASE ACREAGE **372.76**  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL  FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION **BROWN SHALE** ESTIMATED DEPTH **3625'**  
 WELL OPERATOR **BENS RUN OIL CO.** DESIGNATED AGENT **JOHN A. SMITH**  
 ADDRESS **509-C LOCUST AVENUE** ADDRESS **STAR ROUTE BOX 105**  
**390 CHARLOTTEVILLE, VA. 22901** **BENS RUN, W. VA. 26135**

JAN 14 1985

# RECEIVED

OCT 30 1984



1) Date: Oct. 16, 19 84  
 2) Operator's Well No. James S. Wells Hrs. #65  
 3) API Well No. 47 - 095 - 1094  
 State County Permit

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS DIVISION  
**OIL & GAS DIVISION**  
**DEPT. OF MINES**      **APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil  / Gas   
 B (If "Gas", Production  / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow  )
- 5) LOCATION: Elevation: 610' Watershed: Ohio River  
 District: Union County: Tyler Quadrangle: Bens Run 7.5'
- 6) WELL OPERATOR Bens Run Oil Co.  
 Address 590-C Locust Ave.  
Charlottesville, Va. 22901
- 7) DESIGNATED AGENT John A. Smith  
 Address Star Route Box 105  
Bens Run, W.V. 26135
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Robert Lowther  
 Address General Delivery  
Middlebourne, W.V. 26149
- 9) DRILLING CONTRACTOR:  
 Name John A. Smith  
 Address See Above
- 10) PROPOSED WELL WORK: Drill  / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate   
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Brown Shale (Riley)
- 12) Estimated depth of completed well, 3625' feet
- 13) Approximate strata depths: Fresh, 100' feet; salt, 400 feet.
- 14) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes \_\_\_\_\_ / No
- 15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	16"				X		100'		Kinds
Fresh water	11 3/4"			X			250'	CTS	NEAT
Coal									Sizes
Intermediate	8 5/8"			X			1700'	CTS	NEAT
Production									Depths set
Tubing	4 1/2"			X			3625'	CTS As by Rule 15-0B	
Liners									Perforations:
									Top Bottom

**UNDERGROUND PIPELINES MUST BE LOCATED PRIOR TO GRADING OR DRILLING**

OFFICE USE ONLY  
**DRILLING PERMIT**

Permit number 47-095-1094 Date January 3, 19 85

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires January 3, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>210</u>	<u>MJ</u>	<u>MU</u>	<u>MU</u>	<u>135</u>

*Margaret J. Hass*  
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

File