

James
6/13/91

LATITUDE 39° 25' 00"

3,450

LONGITUDE 78° 50' 00"

JOHN WRIGHT
26.27 Ac.

(Various Lots)

KELLER
197 Ac.

MERLE E. BURNS
195.25 Ac.
(Surface & Minerals)

D. POWNELL
62 Ac.

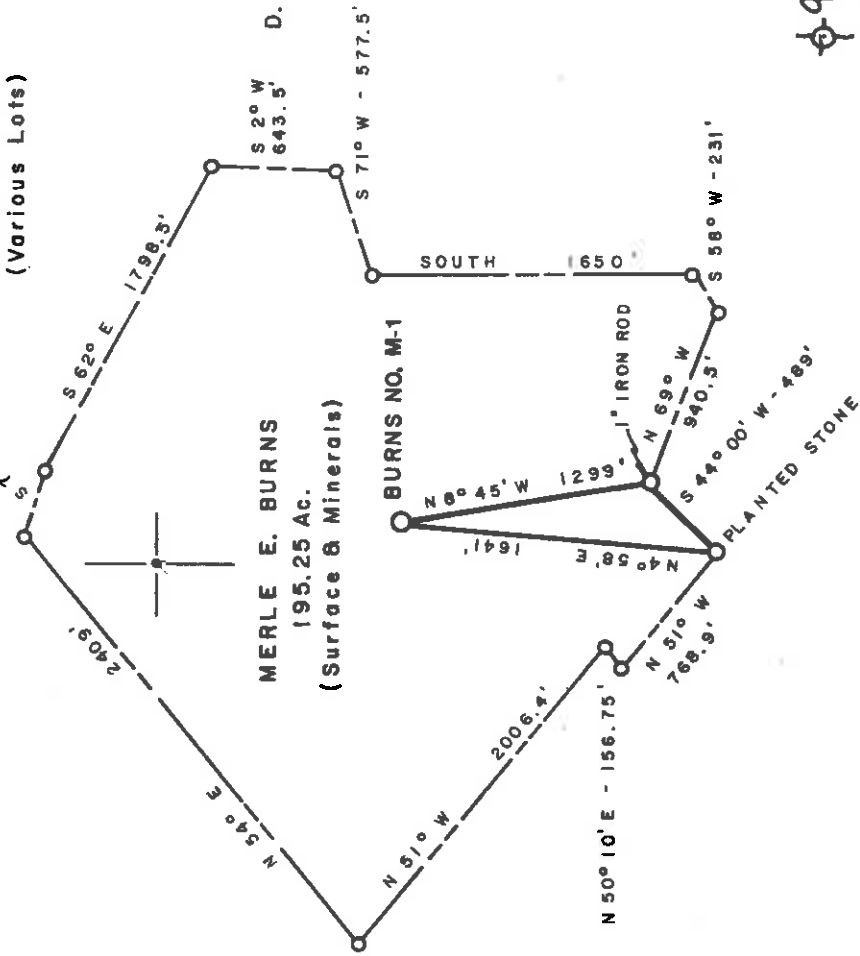
W. JONES
69 Ac.

BURNS NO. M-1

W. FERTIG
107 Ac.

LOC. TO FENCE POST N 15° 35' W 125'
LOC. TO FENCE POST S 80° 30' E 90'

WELL REF:



⊕ 9

D.L. WHEELER & ASSOCIATES, INC.

RT. 1, BOX 346
CLARKSBURG, WV. 26301
Tele. Ph.: 304-623-5851
Fax. No.: 304-623-6131

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF
ACCURACY 1 IN 200
PROVEN SOURCE OF
ELEVATION ROAD INTERSECTION
NE OF LOCATION ELEV. ON
TOPO 921

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF ENERGY.
(SIGNED) *Daniel L. Wheeler*

R.P.E. _____ L.L.S. 530
DANIEL L. WHEELER



PLACE SEAL HERE

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION**



DATE APRIL 15, 19 91
OPERATOR'S WELL NO. BURNS NO. M-1
API WELL NO. *Canceled*

47-057-00095

WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
LOCATION: ELEVATION 906' WATERSHED PATTERSON CREEK
DISTRICT CABIN RUN COUNTY MINERAL

QUADRANGLE HEADSVILLE 7.5'
SURFACE OWNER MERLE ELLEN RHODES BURNS ACREAGE 195.25
OIL & GAS ROYALTY OWNER MERLE E. BURNS LEASE ACREAGE 191

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 KEFFER ESTIMATED DEPTH 4,500'
WELL OPERATOR MARK RESOURCES CORP. DESIGNATED AGENT OLIN SHOCKEY
ADDRESS PENN CENTER WEST, BLDG. II SUITE 224 ADDRESS RT. 1, BOX 139 B
PITTSBURGH, PA. 15276 RAVENSWOOD, WV 26164

COUNTY NAME

PERMIT

JUL 16 1991

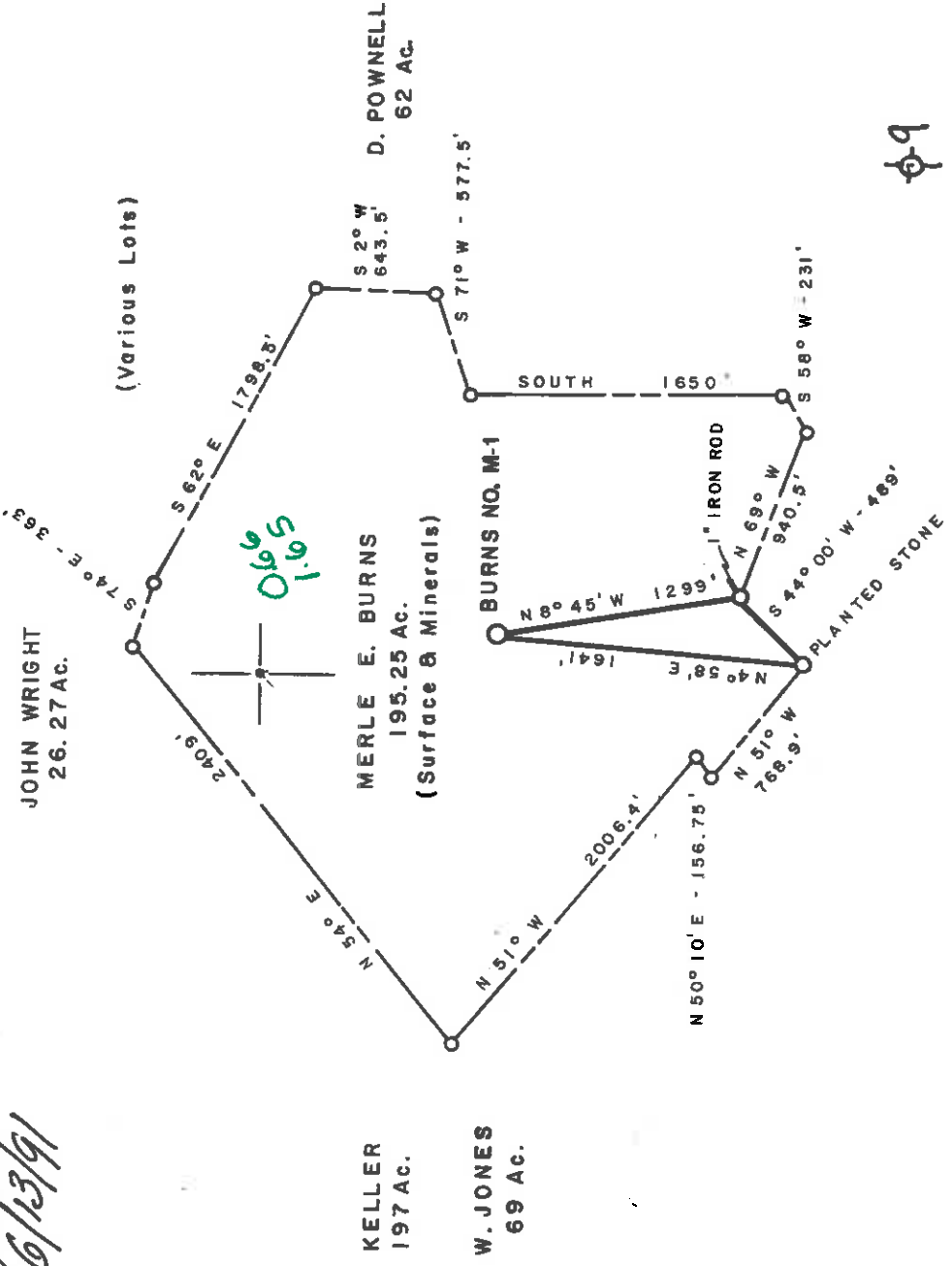
James
6/13/91

8,750'

LATITUDE 39° 25' 00"

3,450'

LONGITUDE 78° 50' 00"



WELL REF:

LOC. TO FENCE POST N 15° 35' W 125' 107 Ac.
LOC. TO FENCE POST S 80° 30' E 90'

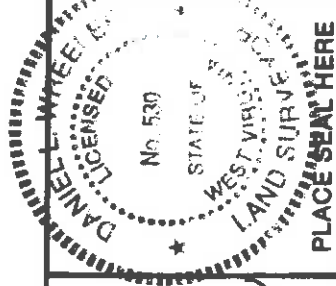
0.66
1.65

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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION NE OF LOCATION ELEV. ON TOPO 921'

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 ENERGY.
 (SIGNED) *Daniel L. Wheeler*
 R.P.E. _____ L.L.S. 530
 DANIEL L. WHEELER



PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE APRIL 15, 19 91
 OPERATOR'S WELL NO. BURNS NO. M-1
 API WELL NO. 47-057-00095
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 906' WATERSHED PATTERSON CREEK
 DISTRICT CABIN RUN COUNTY MINERAL
 QUADRANGLE HEADSVILLE 7.5' K. 6. 20. 20
 SURFACE OWNER MERLE ELLEN RHODES BURNS ACREAGE 195.25
 OIL & GAS ROYALTY OWNER MERLE E. BURNS LEASE ACREAGE 191

PROPOSED WORK: DRILL X 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 KEFFER ESTIMATED DEPTH 4,500'
 WELL OPERATOR MARK RESOURCES CORP. DESIGNATED AGENT OLIN SHOCKEY
 ADDRESS PENN CENTER WEST, BLDG. II SUITE 224 ADDRESS RT. 1, BOX 139 B
 PITTSBURGH PA 15276 *GH*

JUN 17 1991

COUNTY NAME PERMIT

057-0095
 Issued 06/13/91
 Page 1 of 1

STATE OF WEST VIRGINIA EXPENSE
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
 WELL WORK PERMIT APPLICATION

546

- 1) Well Operator: Mark Resources Corp. 30275 (1) 394
- 2) Operator's Well Number: M. Burns No. 1 3) Elevation: 906'
- 4) Well type: (a) Oil / or Gas /
 (b) If Gas: Production / Underground Storage
 Deep / Shallow
- 5) Proposed Target Formation(s): Keffer
 553
- 6) Proposed Total Depth: 4500' feet
- 7) Approximate fresh water strata depths: 40' 200'
- 8) Approximate salt water depths: None
- 9) Approximate coal seam depths: None
- 10) Does land contain coal seams tributary to active mine? Yes No
- 11) Proposed Well Work: To drill and complete gas well
New Well
- 12)

CASING AND TUBING PROGRAM

TYPE	SIZE	GRADE	WEIGHT PER FT.	FOOTAGE INTERVALS	CEMENT
Conductor				Left in well	Fill-up (cu. ft.)
Fresh Water	7"			900'	38 CSR 18-11. 38 CSR 18-11.
Coal					
Intermediate					
Production	4 1/2"			4500'	38 CSR 18-11. 150 sks
Tubing					
Liners					

RECEIVED

Division of Energy

MAY 28 91

PACKS: Kind
 Sizes
 Depths set

21594
 15

For Division of Oil and Gas Use Only
 Fee(s) paid: 15
 Plat 15 WW-9 | 15 WW-2B | Bond Blanket
 Well Work Permit 15 | Reclamation Fund 15
 WPCP Agent

12325

1) Date: April 26, 1991
2) Operator's well number
M. Burns No. 1
3) API Well No: 47-057-0095
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

RECEIVED
Division of Energy
MAY 28 91

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
- (a) Name Merle E. Burns
Address Route 1, Box 201
Keyser, WV 26726
- (b) Name _____
Address _____
- (c) Name _____
Address _____
- 5) (a) Coal Operator: On site
Name _____
Address _____
- (b) Coal Owner(s) with Declaration
Name _____
Address _____
- (c) Coal Lessee with Declaration
Name _____
Address _____
- 6) Inspector Phillip Tracy
Address Route 2, Box 37-A
Montrose, WV 26283
Telephone (304) - 636-8798

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by: _____
Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal receipt attached)
_____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator MARK RESOURCES CORPORATION
By: Robert L. Eckle
Its: Attorney-in-Fact
Address Penn Center West, Bldg. II, Suite 224
Pittsburgh, PA 15276
Telephone 412-788-1340

Subscribed and sworn before me this 26th day of April, 1991

(Florence L. Dixon)
My commission expires October 4, 1993
Notary Public

Notary Seal
Notary Public
My Commission Expires October 4, 1993

Member, Pennsylvania Association of Notaries



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION
 1615 WASHINGTON STREET, EAST
 CHARLESTON, WV 25311

GASTON CAPERTON
 Governor

June 26, 1991

Section of Oil and Gas
 Division of Energy

RE: APPLICATION FOR PERMIT #47 057 - 00096 TO DRILL DEEP WELL

COMPANY: Mark Resources Corporation

FARM: John B. Lynch/Hostetler #3

COUNTY: Mineral DISTRICT: Cabin Run


The application of the above company is approved for Oriskany
 (Approved or Disapproved)

Applicant has complied with the provisions of Chapter twenty-two, eight (22-8), of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

- 1.) Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owner; Yes
- 2.) Provided a tabulation of all deep wells within one mile of the proposed location, including the Api number of the deep well, well name, and the name and address of the operator, and, Yes*
- 3.) Provided a plat showing that the proposed location is a distance of 400+ feet from the nearest unit boundary and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location:

57-00056	750 feet
57-00067	3,400 feet
57-00054	3,600 feet
57-00003	3,600 feet

Sincerely,


 Brett Coffin
 Petroleum Engineer

