



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION JCT. OF ROADS 5800' SW. OF LOCATION, ELEV. = 766'

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. Mark C. Echard
 (SIGNED) MARK C. ECHARD
 R.P.E. _____ L.L.S. 490

PLACE SEAL HERE

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



DATE JANUARY 18, 1982
 OPERATOR'S WELL NO. D-1
 API WELL NO. 47-085-5450
 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 940 WATER SHED GOOSE CREEK
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE CAIRO 7.5' Harrisville 15' NW
 SURFACE OWNER N.D. MARSH, ET AL. ACREAGE 493
 OIL & GAS ROYALTY OWNER W.VA. INVESTMENT CORP LEASE ACREAGE 493
 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 5800'
 WELL OPERATOR TECHWELL, INC. DESIGNATED AGENT MR. DARUS ZEHRBACH
 ADDRESS 194-A EASTLAND AVE. ADDRESS 194-A EASTLAND AVE.
MORGANTOWN, W.VA. 26505 MORGANTOWN, W.VA. 26505

TRASCO → DEEPWELL 6-6 Brushy Fork - Burt Run (79)



Well No. D-6
Farm West Virginia Investment Corp.
API # 17-085-5450
Date December 30, 1981

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil X / Gas X /

(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow ___ /

LOCATION: Elevation: 883.77 Watershed: Goose Creek
District: Grant County: Ritchie Quadrangle: Petroleum 7.5'
E. Cairo 7.5'

WELL OPERATOR TEHWELL, INC.
Address 194-A Eastland Avenue
Morgantown, WV 26505

DESIGNATED AGENT Darus Zehrbach
Address 194-A Eastland Avenue
Morgantown, WV 26505

OIL AND GAS ROYALTY OWNER West Virginia Investment, Inc.
Address Philadelphia, PA

COAL OPERATOR N/A
Address _____

Acreage 493

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME N/A
Address _____

SURFACE OWNER West Virginia Investment, Inc.
Address Philadelphia, PA

Acreage 493

NAME _____
Address _____

FIELD SALE (IF MADE) TO:
NAME _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME _____
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Doe Mace
Address Rt. 1, Box 65
Sand Ridge, WV 25274
Telephone 655-8693

RECEIVED

JAN 14 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease X / other contract ___ / dated 10/30, 1981, to the undersigned well operator from Stockade Petroleum Corporation.

(If deed, lease, or other contract has been recorded:)
Recorded on October 30, 1981, in the office of the Clerk of County Commission of

Ritchie County, West Virginia, in 139 Book at page 407. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill Deeper ___ / Redrill ___ / Fracture or stimulate ___ / Plug off old formation ___ / Perforate new formation ___ / Other physical change in well (specify) _____

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOLOGICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
113 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

TEHWELL, INC.
Well Operator

By: Darus Zehrbach
Darus Zehrbach

Its: President

BLANKET BOND



IV-35
(Rev 8-81)

Date May 24, 1982
Operator's
Well No. D-6
Farm W.V. Investment Corp.
API No. 47 - 085 - 5450

State of West Virginia
Department of Mines
Oil and Gas Division

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 887 Watershed Goose Creek of Hughes River
District: Grant County Ritchie Quadrangle Petroleum

COMPANY TEHWELL, INC.

ADDRESS 194-A Eastland Ave. Morgantown, WV

DESIGNATED AGENT Darus Zehrbach

ADDRESS Same

SURFACE OWNER WV Investment Corp.

ADDRESS Philadelphia, PA

MINERAL RIGHTS OWNER Same

ADDRESS

OIL AND GAS INSPECTOR FOR THIS WORK

Doe Mace ADDRESS Sand Ridge, WV

PERMIT ISSUED

DRILLING COMMENCED 2-11-82

DRILLING COMPLETED 3-11-82

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	800	800	To surface
7			
5 1/2			
4 1/2		5520	500 Sk.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Marcellus Shale Depth 5678 feet

Depth of completed well 5520 feet Rotary X / Cable Tools

Water strata depth: Fresh 60 feet; Salt feet

Coal seam depths: Is coal being mined in the area?

OPEN FLOW DATA

Producing formation Brallier Shale Pay zone depth 3850 feet

Gas: Initial open flow show Mcf/d Oil: Initial open flow show Bbl/d

Final open flow 1,500 Mcf/d Final open flow 70 Bbl/d

Time of open flow between initial and final tests 96 hours

Static rock pressure 780 psig (surface measurement) after 72 hours shut in

(If applicable due to multiple completion--)

Second producing formation Chemung Shale Pay zone depth 3350 feet

Gas: Initial open flow show Mcf/d Oil: Initial open flow show Bbl/d

Final open flow 500 Mcf/d Oil: Final open flow 20 Bbl/d

Time of open flow between initial and final tests 96 hours

Static rock pressure 840 psig (surface measurement) after 72 hours shut in

12-3-84 (Continue on reverse side)

2000 mcf
19000

