

NOTE = I.P. found

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION USGS BM 912 LYNN CAMP RUN

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

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) Edward C. Dudley R.P.E. L.L.S. 743



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

PLACE SEAL HERE
 DATE AUG 23, 19 82
 OPERATOR'S WELL NO. DUDLEY no. 2
 API WELL NO. 47-017-317/

STATE COUNTY PERMIT
 CANCELLED

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___

LOCATION: ELEVATION 1371' WATER SHED ROBINSON RUN
 DISTRICT McClelland COUNTY DODDRIDGE

QUADRANGLE SALEM ACREAGE 159
 SURFACE OWNER WILLIAM R. JOHNSON LEASE ACREAGE 159
 OIL & GAS ROYALTY OWNER EDWARD C. DUDLEY ET. AL. LEASE NO. 49-0240

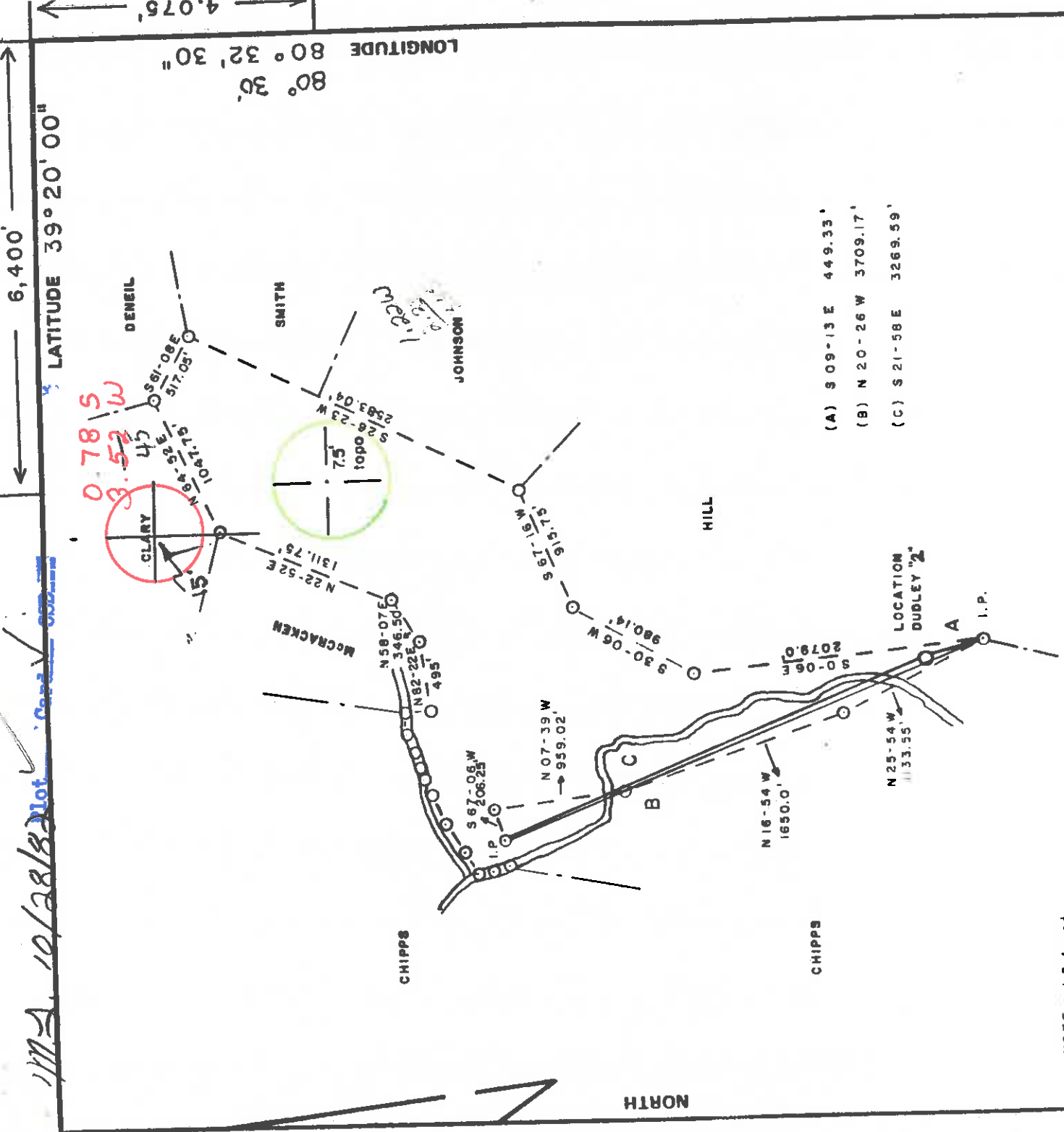
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ELK ESTIMATED DEPTH 5900'
 WELL OPERATOR SWIFT ENERGY CO. DESIGNATED AGENT TIM BENNETT
 ADDRESS P.O. BOX 1933 CLARKSBURG, WV. 26301

MAY 7 1984

H T HALL

1111 - 3171



FILE NO. _____
DRAWING NO. _____
SCALE 1"=1000'
MINIMUM DEGREE OF ACCURACY 1:200
PROVEN SOURCE OF ELEVATION USGS BM 912 LYNN CAMP RUN

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) Frank M. Owen R.P.E. L.S. 743

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

DATE AUG 23 19 82
OPERATOR'S WELL NO. DUDLEY no. 2
API WELL NO. 47-017-3177
STATE COUNTY PERMIT



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1371 WATER SHED ROBINSON RUN
DISTRICT McLELLAND COUNTY DODDRIDGE
QUADRANGLE SALEM Acreage 150
SURFACE OWNER WILLIAM R. JOHNSON LEASE ACREAGE 152
OIL & GAS ROYALTY OWNER EDWARD C. DUDLEY ET. AL.

LEASE NO. 49-0240
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 5900'
TARGET FORMATION ELK ESTIMATED DEPTH 5900'
WELL OPERATOR SWIFT ENERGY CO. DESIGNATED AGENT TIM BENNETT
ADDRESS P.O. BOX 1933 CLARKSBURG, WV. 26301

NOV 8 1982

PLACE SEAL HERE

1) Date: October 20, 19 1971
2) Operator's Well No. 1171
3) API Well No. 47 State West Virginia County Putnam Permit



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION
OIL AND GAS WELL PERMIT APPLICATION

DRILLING CONTRACTOR:
Unknown

4) WELL TYPE: A Oil Gas
B (If "Gas", Production Underground storage Deep Shallow
Elevation: 1171 Watershed: Putnam County: Putnam Quadrangle: 1171

5) LOCATION: District: Putnam

6) WELL OPERATOR Putnam Address Putnam

7) OIL & GAS ROYALTY OWNER Putnam Address Putnam

8) SURFACE OWNER Putnam Address Putnam

9) FIELD SALE (IF MADE) TO: Putnam Address Putnam

10) OIL & GAS INSPECTOR TO BE NOTIFIED Putnam Name Putnam Address Putnam

11) DESIGNATED AGENT Putnam Name Putnam Address Putnam

12) COAL OPERATOR Putnam Name Putnam Address Putnam

13) COAL OWNER(S) WITH DECLARATION ON RECORD: Putnam Name Putnam Address Putnam

14) COAL LESSEE WITH DECLARATION ON RECORD: Putnam Name Putnam Address Putnam

15) PROPOSED WORK: Drill Drill deeper Redrill Fracture or stimulate
Plug off old formation Perforate new formation
Other physical change in well (specify) Putnam

16) GEOLOGICAL TARGET FORMATION, Putnam feet 2500
17) Estimated depth of completed well, 2500 feet
18) Approximate water strata depths: Fresh, 2515 feet; salt, 2590 feet.
19) Approximate coal seam depths: 2590 Is coal being mined in the area? Yes No

20) CASING AND TUBING PROGRAM

| CASING OR TUBING TYPE | SPECIFICATIONS | | | FOOTAGE INTERVALS | | PACKERS |
|-----------------------|----------------|-------|----------------|-------------------|--------------|---------|
| | Size | Grade | Weight per ft. | For drilling | Left in well | |
| Conductor | | | | | | |
| Fresh water | | | | | | |
| Coal | | | | | | |
| Intermediate | | | | | | |
| Production | | | | | | |
| Tubing | | | | | | |
| Liners | | | | | | |

21) EXTRACTION RIGHTS
Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS
Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No
If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)
24) Copies of this Permit Application and the enclosed plat and recitamentation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: Putnam Signed: Putnam Its: Putnam
My Commission Expires: Putnam

OFFICE USE ONLY
DRILLING PERMIT

Permit number Putnam Date Putnam

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. 10) 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.)

Permit expires Putnam unless drilling is commenced prior to that date and prosecuted with due diligence.

| | | | | |
|---------------|---------------|---------------|---------------|---------------|
| Bond: | Agent: | Plat: | Casing | Fee |
| <u>Putnam</u> | <u>Putnam</u> | <u>Putnam</u> | <u>Putnam</u> | <u>Putnam</u> |

Administrator, Office of Oil and Gas

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

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs; "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owners(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 the receipt of this Application by the Department.**

.....
The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19____ By _____
Its _____