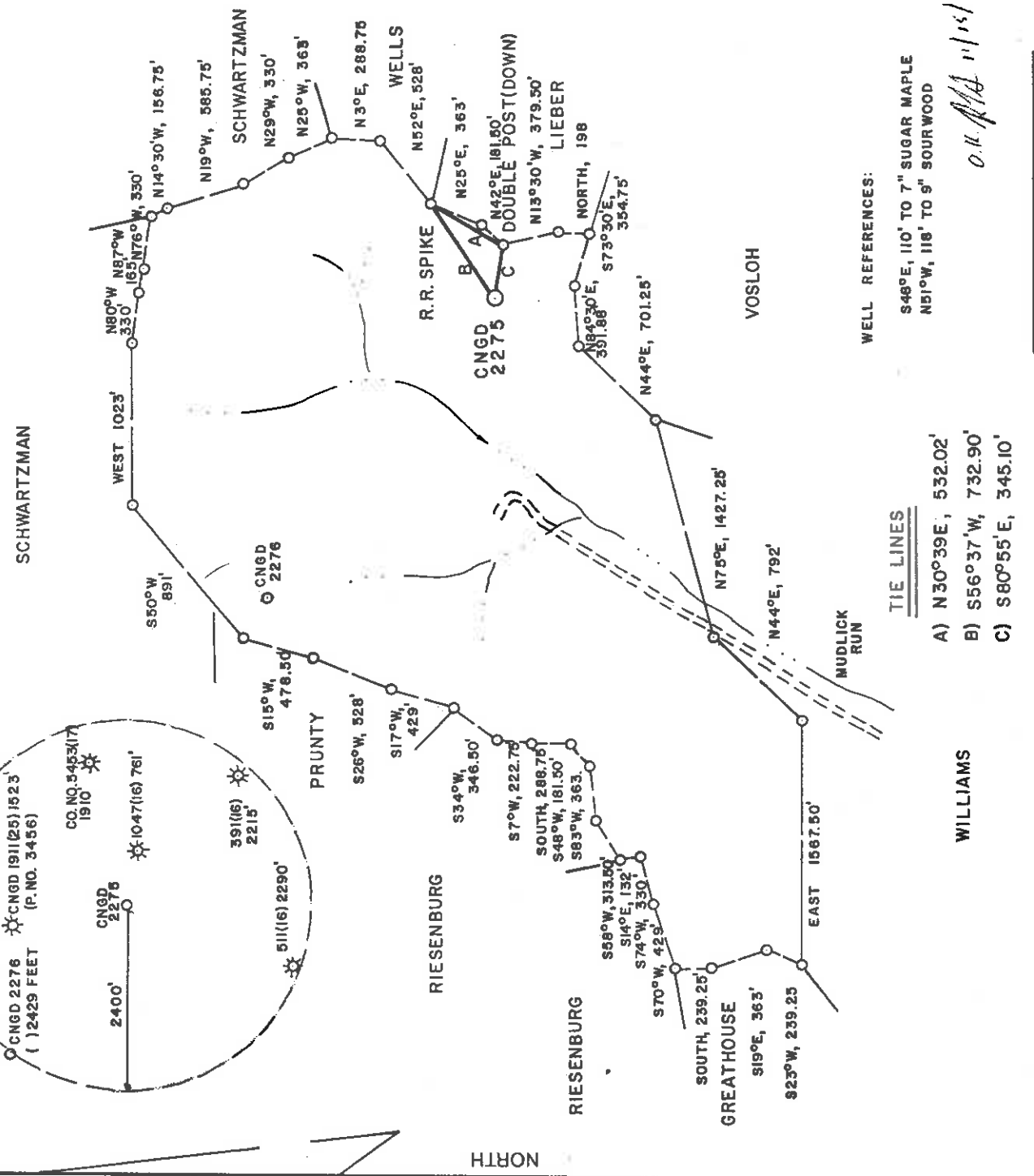
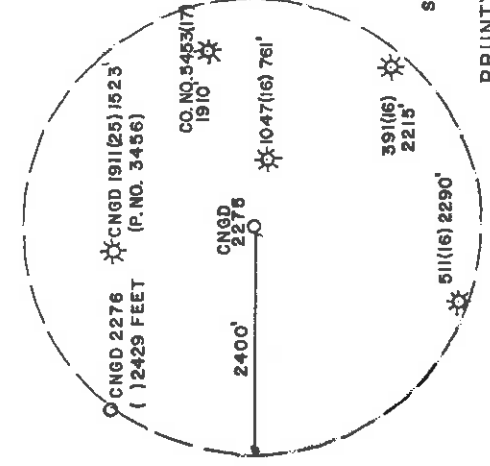


45 12-26-85

8025' LATITUDE 39° 10' 00" LONGITUDE 80° 45' 00"

7.5 MINUTE



WELL REFERENCES:  
S48°E, 110' TO 7" SUGAR MAPLE  
N51°W, 118' TO 9" SOURWOOD

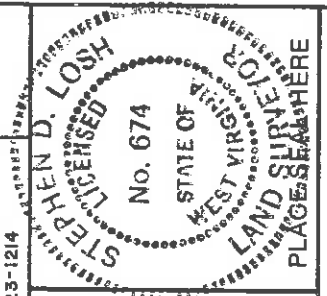
o.k. MA 11/15/85

LAND SURVEYING SERVICES  
1412 NORTH 18 TH ST.  
CLARKSBURG, WV 26301  
PHONE: 304-623-1214

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

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 1,000'  
MINIMUM DEGREE OF ACCURACY 1 IN 200  
PROVEN SOURCE OF ELEVATION EXISTING WELL 1047  
761' EAST OF LOCATION AT ELEV. 1143

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) *Stephen D. Losh*  
R.P.E. \_\_\_\_\_ L.I.S. NO. 674  
STEPHEN D. LOSH



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION



DATE NOVEMBER 5, 19 85  
OPERATOR'S WELL NO. CNGD 2275  
API WELL NO. \_\_\_\_\_

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL  
(IF "GAS,") PRODUCTION X STORAGE DEEP SHALLOW X  
LOCATION: ELEVATION 1176' WATER SHED MUDLICK RUN  
DISTRICT SOUTHWEST COUNTY DODDRIDGE

STATE COUNTY PERMIT  
47 017 3482  
CANCELLED

QUADRANGLE OXFORD 7.5 MINUTE  
SURFACE OWNER BEATRICE SCHWARTZMAN  
OIL & GAS ROYALTY OWNER D. C. STOUT, HEIRS LEASE ACREAGE 1427.  
LEASE NO. 41996

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 ALEXANDER ESTIMATED DEPTH 5300'  
WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS  
ADDRESS 1 PARK RIDGE CENTER ADDRESS RT. 2, BOX 698  
PITTSBURGH, PA 15244 142 BRIDGEPORT, WV 26330

DODD COUNTY NAME

3482 PERMIT

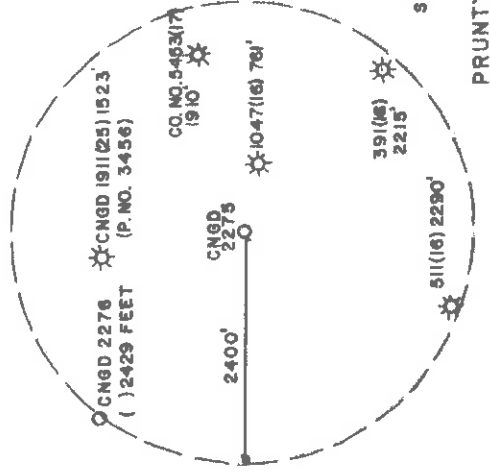
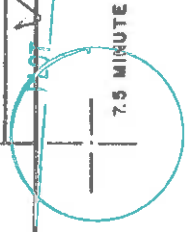
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CARD

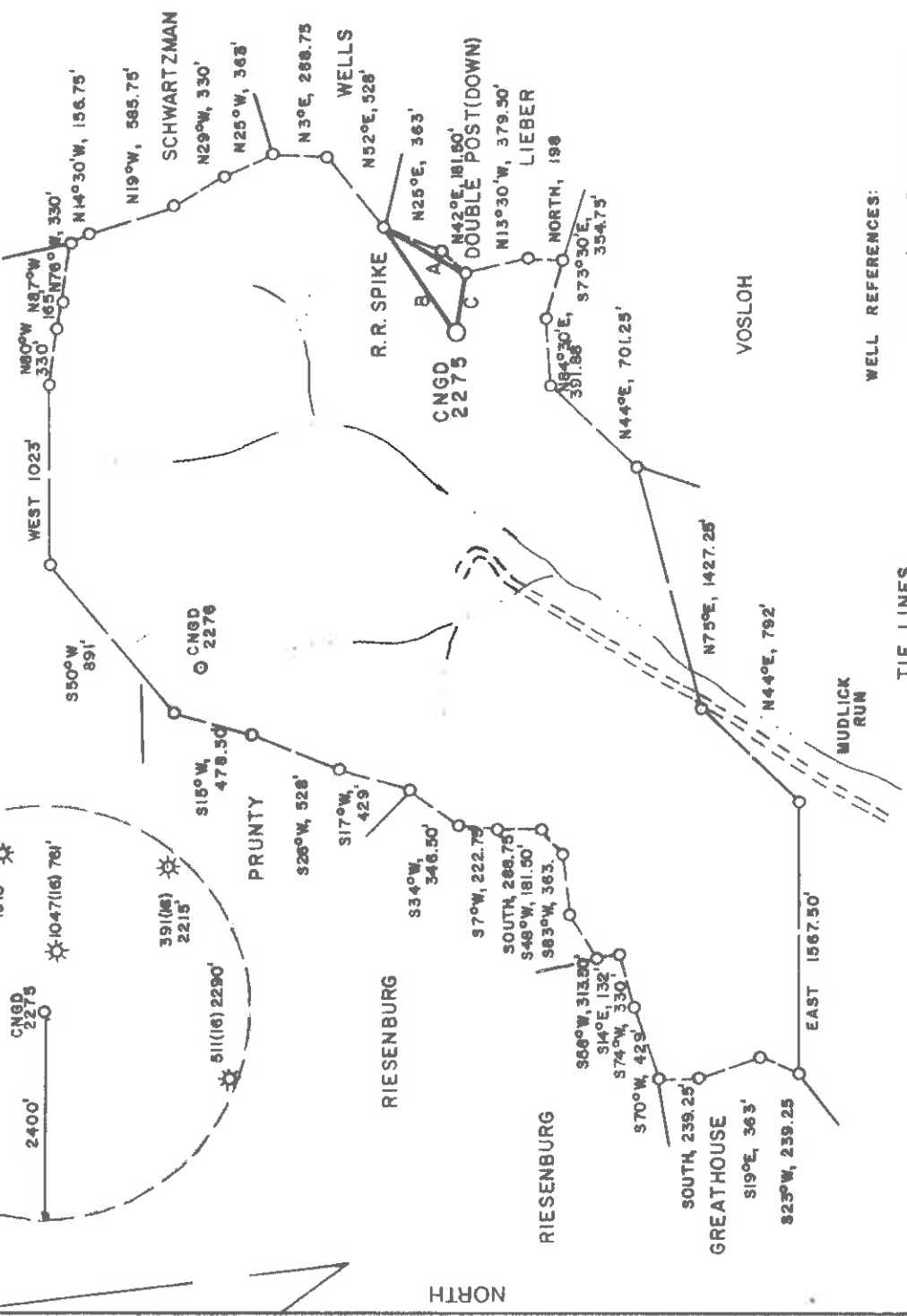
8,025'

LATITUDE 39° 10' 00"

LONGITUDE 80° 45' 00"



SCHWARTZMAN



WELL REFERENCES:  
S46°E, 110' TO 7" SUGAR MAPLE  
N51°W, 116' TO 9" SOURWOOD

TIE LINES  
A) N30°39E, 532.02'  
B) S56°37'W, 732.90'  
C) S80°55'E, 345.10'

WILLIAMS

LAND SURVEYING SERVICES  
1412 NORTH 18 TH ST  
CLARKSBURG, WV 26301  
PHONE: 304-823-1214

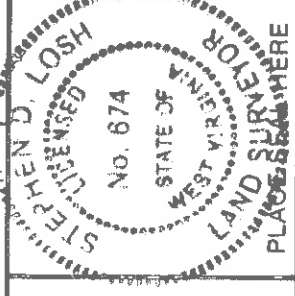
OK MA 11/15/85

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

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 1,000'  
MINIMUM DEGREE OF \_\_\_\_\_  
ACCURACY \_\_\_\_\_ IN 200  
PROVEN SOURCE OF \_\_\_\_\_  
ELEVATION EXISTING WELL 1047  
761' EAST OF LOCATION AT ELEV. 1143

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) *Stephen D. Losh*

R.P.E. \_\_\_\_\_ L.L.S. NO. 674  
STEPHEN D. LOSH



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION



DATE NOVEMBER 5, 19 85  
OPERATOR'S WELL NO. CNGD 2275  
API WELL NO. \_\_\_\_\_

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

LOCATION: ELEVATION 1176' WATER SHED \_\_\_\_\_ MUDLICK RUN \_\_\_\_\_  
DISTRICT SOUTHWEST COUNTY DODDRIDGE  
QUADRANGLE OXFORD 7.5 MINUTE 526 EC6  
SURFACE OWNER BEATRICE SCHWARTZMAN  
OIL & GAS ROYALTY OWNER D. C. STOUT, HEIRS LEASE ACREAGE 1427. ACREAGE 302.

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 ALEXANDER ESTIMATED DEPTH 5300'  
WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS  
ADDRESS 1 PARK RIDGE CENTER 142 ADDRESS RT. 2, BOX 698  
PITTSBURGH, PA 15244 BRIDGEPORT, WV 26330

COUNTY NAME

PERMIT

47-017-3482

1-6-86



1) Date: November 25, 1985  
 2) Operator's Well No. 2275  
 3) API Well No. 47-017-3482  
 State County Permit



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

**RECEIVED**  
 DEC - 4 1985

- 4) WELL TYPE: DIVISION OF OIL & GAS DEPARTMENT OF ENERGY Gas  / Production  / (If "Gas", Production Gas  / )  
 Elevation: 1176 / Undergrnd storage  / Deep  / Shallow  /  
 District: Southwest 142 / Watershed: Mudlick Run / County: Doddridge / Quadrangle: Oxford  
 6) WELL OPERATOR: CNG Development Co CODE: 10110 / 7) DESIGNATED AGENT: Gary Nicholas  
 Address: c/o Paul W. Garrett, P.O. Box 15746 / Crosswind Corporate Park / Rt. 2, Box 698, Bridgeport, WV 26330  
 Pittsburgh, PA 15244  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED: Mike Underwood / Name: Sam Jack Drilling Co.  
 Address: Route 2, Box 114 / P.O. Box 48 / Salem, WV 26426 / Address: Buckhannon, WV 26201

- 10) PROPOSED WELL WORK: Drill  / deeper  / Redrill  / Stimulate  /  
 Plug off old formation  / Perforate new formation  /  
 Other physical change in well (specify) \_\_\_\_\_  
 11) GEOLOGICAL TARGET FORMATION: Alexander 439  
 12) Estimated depth of completed well, 5300 feet  
 13) Approximate trata depths: Fresh, 100 feet; salt, 1865, 1915 feet.  
 14) Approximate coal seam depths: 1284, 1427, 1459 feet. Is coal being mined in the area? Yes  / No  /

| CASING OR TUBING TYPE | SPECIFICATIONS |       |                | FOOTAGE INTERVALS |      | CEMENT FILL-UP OR SACKS (Cubic feet) | PACKERS |
|-----------------------|----------------|-------|----------------|-------------------|------|--------------------------------------|---------|
|                       | Size           | Grade | Weight per ft. | New               | Used |                                      |         |
| Conductor             | 11-3/4         | H-40  | 42             |                   | X    |                                      |         |
| Fresh water           |                |       |                |                   |      |                                      |         |
| Coal                  |                |       |                |                   |      |                                      |         |
| Intermediate          | 8-5/8          | X-42  | 23             |                   | X    |                                      |         |
| Production            | 4-1/2          | J-55  | 10.5           |                   | X    |                                      |         |
| Tubing                | 1-1/2          | CN-55 | 2.75           |                   | X    |                                      |         |
| Lim...                |                |       |                |                   |      |                                      |         |

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-021-3482 Date December 27 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 December 27, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

|       |            |          |            |            |          |         |           |
|-------|------------|----------|------------|------------|----------|---------|-----------|
| Bond: | Agent: K-B | Plat: 85 | Casing: MW | Fee: 12261 | WPCP: MW | S&E: MW | Other: MW |
|-------|------------|----------|------------|------------|----------|---------|-----------|

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

*[Signature]*  
 Director, Division of Oil and Gas

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

File

