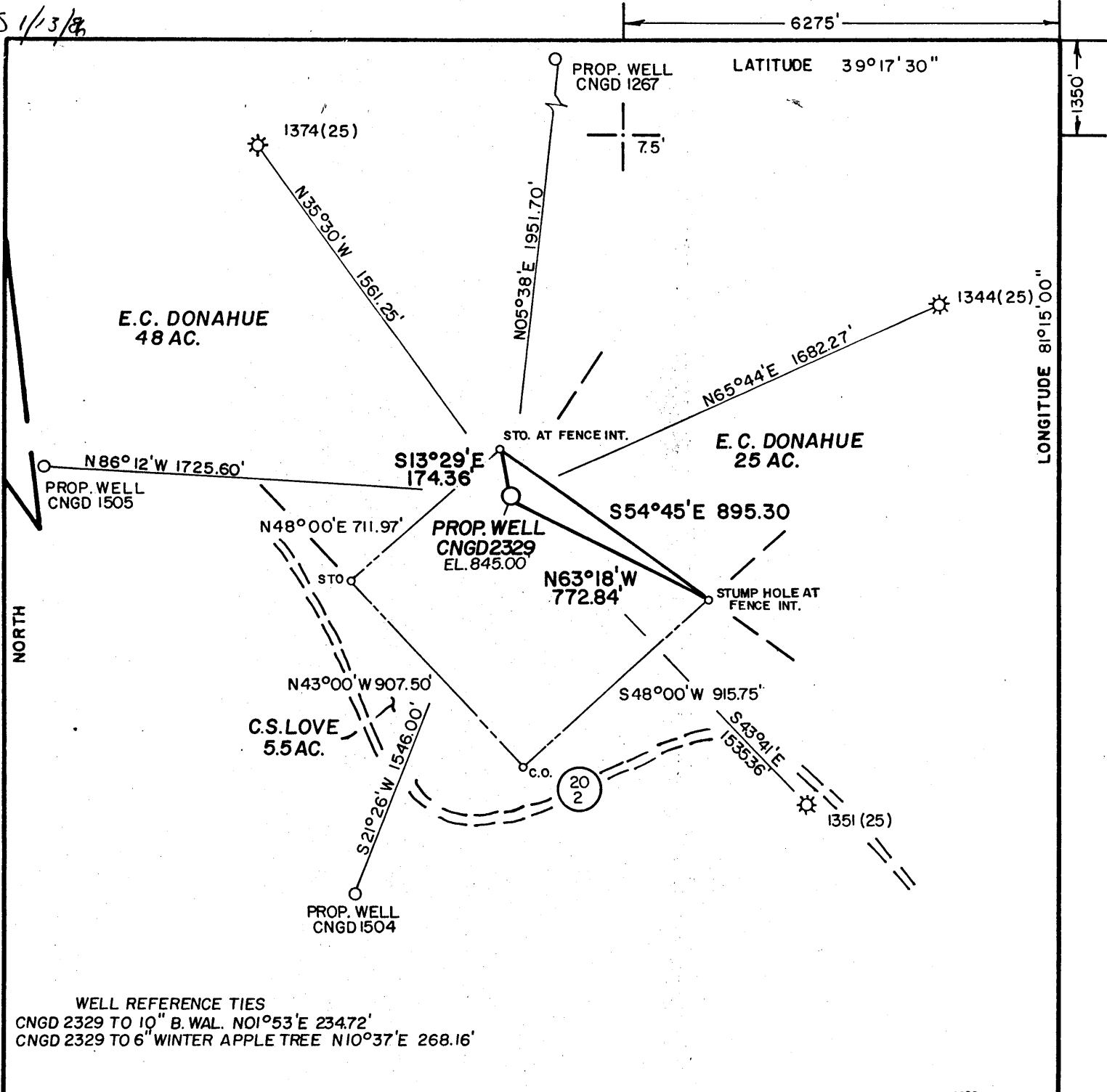
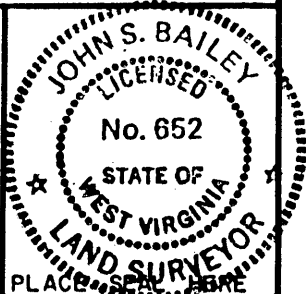


85 1/3/85



FILE NO. MSES 85-689  
 DRAWN BY RVS/JSB  
 SCALE 1"=500'  
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200  
 PROVEN SOURCE OF ELEVATION B.M. EL. 755' 4200' SE OF LOCATION

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) John S. Bailey  
 R. P. E. \_\_\_\_\_ L. S. 652



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



Department of Mines  
 Oil & Gas Division

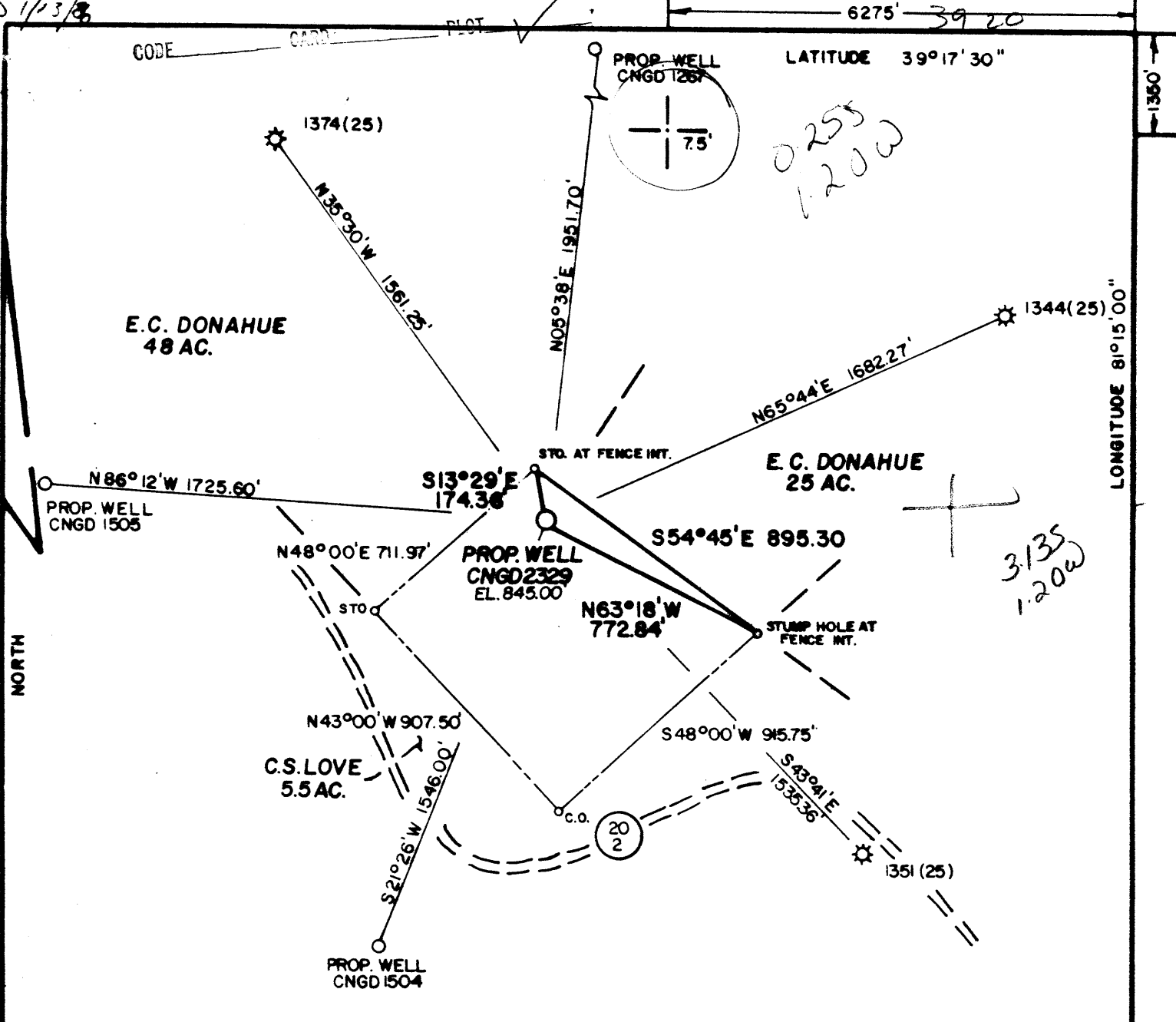
DATE NOVEMBER 21, 19 85  
 OPERATOR'S WELL NO. CNGD 2329  
 API WELL NO. 47-107-1397  
 STATE COUNTY PERMIT

*CANCELLED*

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS", PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X)  
 LOCATION: ELEVATION 845.00' WATER SHED BULL CREEK TRIBUTARY OF OHIO RIVER  
 DISTRICT WALKER COUNTY WOOD  
 QUADRANGLE WILLOW ISLAND 7.5' NEAREST TOWN NEWLANDSVILLE  
 SURFACE OWNER E.C. DONAHUE ACREAGE 17  
 OIL & GAS ROYALTY OWNER JEANNE & GEORGE BILLS JR. ET AL. LEASE ACREAGE 23  
 LEASE NO. DV-482  
 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 DEVONIAN SHALE ESTIMATED DEPTH 3800' **MAR 4 1988**  
 WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS  
 ADDRESS ONE PARK RIDGE CENTER ADDRESS CROSSWIND CORPORATE PARK  
P.O. BOX 15746 ROUTE 2 BOX 698  
PITTSBURGH, PA. 15244 BRIDGEPORT, W.V. 26330

1100D 1397

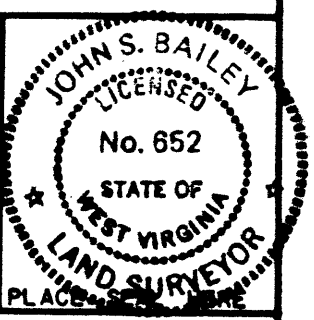
85 1/3/85



WELL REFERENCE TIES  
 CNGD 2329 TO 10" B. WAL. N01°53'E 234.72'  
 CNGD 2329 TO 6" WINTER APPLE TREE N10°37'E 268.16'

FILE NO. MSES 85-689  
 DRAWN BY RVS/JSB  
 SCALE 1"=500'  
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200  
 PROVEN SOURCE OF ELEVATION B.M. EL. 755' 4200' SE OF LOCATION

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) John S. Bailey  
 L.S. 652



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



Department of Mines  
 Oil & Gas Division

DATE NOVEMBER 21, 19 85  
 OPERATOR'S WELL NO. CNGD 2329  
 API WELL NO. 47-107-1397  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS", PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 845.00' WATER SHED BULL CREEK TRIBUTARY OF OHIO RIVER  
 DISTRICT WALKER 9 COUNTY WOOD  
 QUADRANGLE WILLOW ISLAND 7.5' 686 NEAREST TOWN NEWLANDSVILLE  
 SURFACE OWNER E.C. DONAHUE ACREAGE 17  
 OIL & GAS ROYALTY OWNER JEANNE & GEORGE BILLS JR. ET AL. LEASE ACREAGE 23  
 LEASE NO. DV-482  
 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 DEVONIAN SHALE ESTIMATED DEPTH 3800'  
 WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS  
 ADDRESS ONE PARK RIDGE CENTER ADDRESS CROSSWIND CORPORATE PARK  
P.O. BOX 15746 PITTSBURGH, PA. 15244 ROUTE 2 BOX 698  
PITTSBURGH, PA. 15244 BRIDGEPORT, W.V. 26330

7/85



1) Date: December 23, 1985  
 2) Operator's Well No. 2329  
 3) API Well No. 47-107-1397  
 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

**RECEIVED**  
 JAN 8 1986

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

- 4) WELL TYPE: Gas  / Oil   
 B (If "Gas", Production  / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow )
- 5) LOCATION: Elevation: 845 / Watershed: Bull Creek  
 District: Walker 142 / County: Wood / Quadrangle: Willow Island
- 6) WELL OPERATOR: CNG Development Co CODE: 10110  
 Address: c/o Paul W. Garrett, P.O. Box 15746  
Pittsburgh, PA 15244
- 7) DESIGNATED AGENT: Gary Nicholas  
 Address: Crosswind Corporate Park  
Rt. 2, Box 698, Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name Glen P. Robinson  
 Address: Rt. 1, #6 Mt. Pleasant Estate  
Mineralwells, WV 26150
- 9) DRILLING CONTRACTOR: Name Sam Jack Drilling Co.  
 Address: P.O. Box 48  
Buckhannon, WV 26201
- 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: Devonian Shale 40
- 12) Estimated depth of completed well, 3800 feet
- 13) Approximate strata depths: Fresh, \_\_\_\_\_ feet; salt, \_\_\_\_\_ feet.
- 14) Approximate coal seam depths: 495' - \_\_\_\_\_ 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									Kinds
Fresh water	11-3/4	H-40	42	x		200	200	To Surface	By Rule 15.05
Coal									Sizes
Intermediate	8-5/8	X-42	23	x		1300	1300	To Surface	By Rule 15.05
Production	4-1/2	J-55	10.5	x		3800	3800	200-400	Depths set
Tubing	1-1/2	CN-55	2.75	x					By rule 15.01
Lin...									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-107-1397

January 28 19 86  
 Date

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 28, 1988 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>AS</u>	Plat: <u>AS</u>	Casing: <u>AS</u>	Fee: <u>12292</u>	WPCP: <u>AS</u>	S&E: <u>AS</u>	Other: _____
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NOTE: Keep one copy of this permit posted at the drilling location.

[Signature]  
 Director, Division of Oil and Gas

File

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