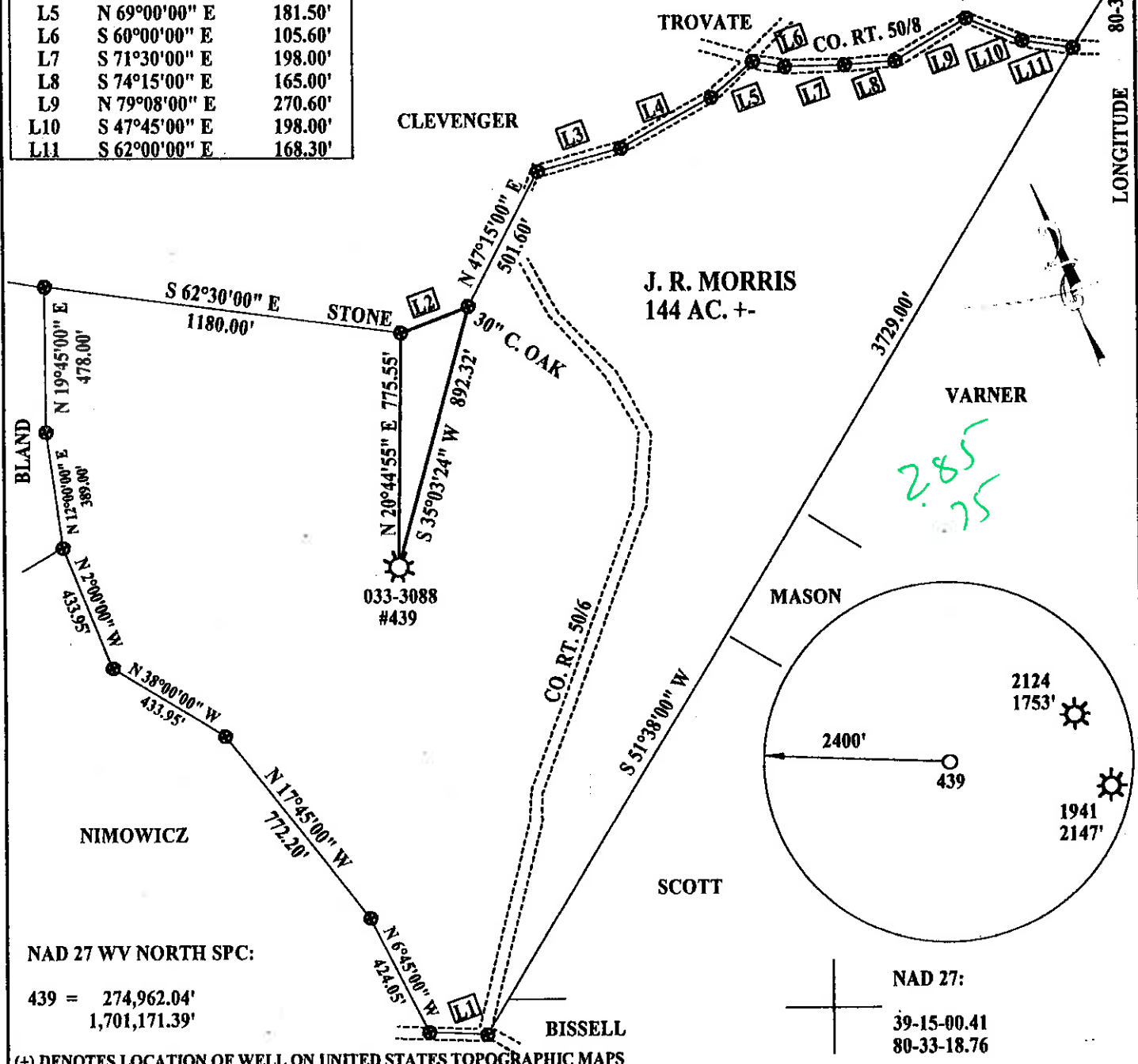


Id	Bearing	Distance
L1	N 67°30'00" W	189.75'
L2	N 88°45'00" E	237.84'
L3	S 85°30'00" E	283.80'
L4	N 80°45'00" E	339.90'
L5	N 69°00'00" E	181.50'
L6	S 60°00'00" E	105.60'
L7	S 71°30'00" E	198.00'
L8	S 74°15'00" E	165.00'
L9	N 79°08'00" E	270.60'
L10	S 47°45'00" E	198.00'
L11	S 62°00'00" E	168.30'

NOTE: LATITUDE, LONGITUDE, WELL AND CORNER TIES FROM DGPS SUB-METER SURVEY DATED 04/12/01. SURFACE, ADJOINER AND BOUNDARY CALLS FROM COURT HOUSE.

LATITUDE 39-17-30
SCALED COOR.:
VARNER 15,090' SOUTH
4,010' WEST
LONGITUDE 80-32-30



NAD 27 WV NORTH SPC:

439 = 274,962.04'
1,701,171.39'

NAD 27:
39-15-00.41
80-33-18.76

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

FILE NUMBER: _____
DRAWING NUMBER: CNGP439.PCS
SCALE: 1" = 500'
MINIMUM DEGREE OF ACCURACY: 1 IN 200
PROVEN SOURCE OF ELEVATION: DGPS SURVEY 04/12/01
SUBMETER SYSTEM

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) _____
STEPHEN D. LOSH, P.S. #674



STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
#10 McJUNKIN ROAD
NITRO, WV 25143-2506

LAND SURVEYING SERVICES
21 CEDAR LANE, BRIDGEPORT, WV 26330
PHONE: 304-842-2018 OR 842-5762

DATE: APRIL 16, 2001

OPERATORS WELL NO.: 439

API WELL NO. _____

47 — 033 — 03088-F
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1252.50' WATERSHED COBURN FORK

DISTRICT TENMILE COUNTY HARRISON

QUADRANGLE SALEM LEASE NUMBER 44999

SURFACE OWNER ARNETT L. THOMPSON (THELMA THOMPSON, LIFE ESTATE) ACREAGE 72.44

OIL & GAS ROYALTY OWNER JOHN R. MORRIS LEASE ACREAGE 144

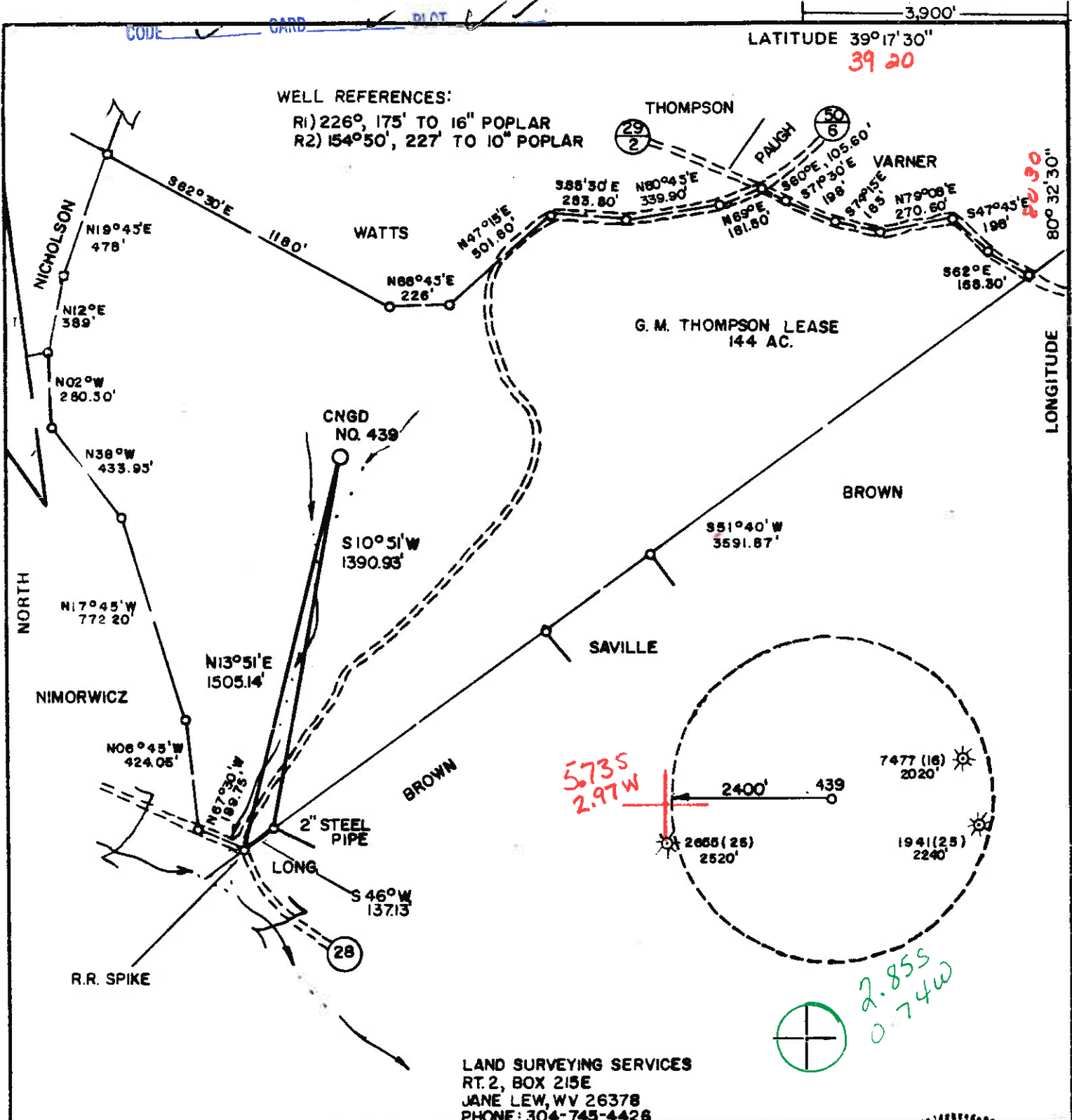
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) _____
PLUG & ABANDON ___ CLEAN OUT & REPLUG ___

TARGET FORMATION _____ ESTIMATED DEPTH _____

WELL OPERATOR DOMINION EXPLORATION & PRODUCTION, INC. DESIGNATED AGENT RODNEY BIGGS

ADDRESS P. O. BOX 1248 JANE LEW, WV 26378 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378

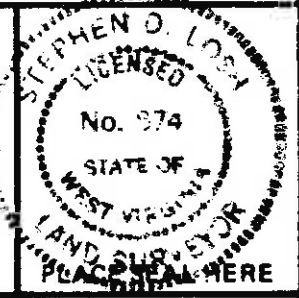
COUNTY NAME HAR
PERMIT 3088-F



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION ROAD INTER. 1600' S OF LOCATION ELEV. 1186'

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. 674
 STEPHEN D. LOSH



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1250' WATER SHED COBURN FORK
 DISTRICT TENNILE COUNTY HARRISON
 QUADRANGLE 596 SALEM 75 Center Point 15' SE
 SURFACE OWNER LESTER THOMPSON ACREAGE 72.00
 OIL & GAS ROYALTY OWNER JOHN R. MORRIS LEASE ACREAGE 144.00
 LEASE NO. 44999
 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 5645'
 WELL OPERATOR CNG DEVELOPMENT CO DESIGNATED AGENT GARY A. NICHOLAS
 ADDRESS 1 PARK RIDGE CENTER 142 ADDRESS CROSSWIND CORPORATE PARK
PITTSBURGH, PA. 15244 RT. 2, BOX 698, BRIDGEPORT, WV 26330

DATE JULY 5, 19 84
 OPERATOR'S WELL NO. CNGD 439
 API WELL NO. 47-033-3088
 STATE COUNTY PERMIT

UCT 29 1984

6-6 Meathouse Fork - Bristol (146)

AP

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Company name: Thompson, Arnett Operator Well No.: 439
LOCATION: Elevation: 1252.50' Quadrangle: Salem
District: Tenmile County: Harrison
Latitude: 15,090 Feet South of 39 Deg. 17 Min. 30 Sec.
Longitude: 4,010 Feet West of 80 Deg. 32 Min. 30 Sec.

Company: Dominion Exploration & Production, Inc.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>P O Box 1248</u>				
<u>Jane Lew, WV 26378</u>				
Operator: <u>Rodney J. Biggs</u>				
Inspector: <u>Tim Bennett</u>				
Permit Issued: <u>5/18/2001</u>				
Well Work Commenced:				
Well Work Completed: <u>12/31/2002</u>				
Orbital Plogging: <u>N/A</u>				
Permit granted on: <u>N/A</u>				
Rotary Cable <input checked="" type="checkbox"/> Rig				
Total Depth (feet):				
Fresh Water Depth (ft): <u>N/A</u>				
Salt Water Depth (ft): <u>N/A</u>				
Coal being mined in area (N/Y)? <u>N</u>				
Coal Depth (ft): <u>N/A</u>				

See Original WR-35 for existing casing program.

RECEIVED
Office of Oil & Gas
Permitting
FEB 04 2002
WV Department of
Environmental Protection

OPEN FLOW DATA

Producing formation 5th Sand Pay zone depth (ft) 3150-3158'
Gordon 2838-2850'
Gas: Initial open flow - MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 474 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 12 Hours
Static rock Pressure 390 psig (surface pressure) after 12 Hours
*Comingled with previous formations
Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE

Signed: *Rod Biggs*
By: _____
Date: 1/31/02

NR

MAR 08 2002

HAR 3088 F

COMPANY/WELL NO.: CNGP 439

12/31/01 PERFED AND FRACED AS FOLLOWS:

01/28/2002

5TH SAND, 3150 - 3158', 20 HOLES, BD 2314#, AVG RATE 21 BPM, AVG PRESS 2025#, 225 BBLs, TOT SAND
10,000#, ISIP 1640#
GORDON, 2838 - 2850', 22 HOLES, BD 2845#, AVG RATE 20 BPM, AVG PRESS 2664#, 385 BBLs, TOT SAND
25,500#, ISIP 2430#

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Allegheny Perforated Alexander 5474 - 5482; 10 holes (.39)

Halliburton Water Frac Break 2700, Avg. HHP 2075, Avg. BPM 24.9, Avg. PSI 3400, 500 gals MOD 202 Acid, 45,700# 20/40 Sand, 649 BBL Fluid, ISIP 1800, 5 min 1650.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Top Soil Sand			0	40	
RR & Sand			40	875	Coal Seams; 875 - 882
Coal			875	882	Water 110'
Sand, SH			882	2195	
Big Lime			2195	2265	
Sand, Shale			2265	5654	
See Attached Sheet					

(Attach separate sheets as necessary)

CNG Development Company
Well Operator
By: *[Signature]*
Date: January 28, 1985

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

CNGD NO 439
FARM NAME G.M. Thompson
API NO 47-033-3088

LOG TOPS.

B. LIME/B. INJ.	2192	2350
WEIR	2416	2520
GANTZ	2612	2650
50'	2715	2760
GORD. STR./GORD.	2824	2940
4TH	3000	3020
5TH/L. 5TH	3148	3224
WARREN	3480	3520
U. SPEECH.	3683	3740
SPEECH	3812	3834
BALLTOWN	4044	4182
BRADFORD	4243	4486
RILEY	4905	5034
BENSON	5125	5145
LEOPOLD	5247	5292
CEDAR CREEK	5408	5530

TD 5654 - Alex. @TD

FILE COPY



1) Date: September 5, 19 84
 2) Operator's Well No. 439
 3) API Well No. 47 033 3088
 State County Permit

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

- 4) WELL TYPE: A Oil / Gas _____
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow _____)
- 5) LOCATION: Elevation: 1258' Watershed: Coburn Fork
 District: Tennile County: Harrison Quadrangle: Salem 7.5'
- 6) WELL OPERATOR CNG Development Company
 Address C/o Paul W. Garrett, P.O. Box 15746
Pittsburgh, PA 15244
- 7) DESIGNATED AGENT Mr. Gary Nicholas
 Address Crosswind Corporate Park
Rt. 2, Box 698, Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Mr. Stephen Casey
 Address Rt. 2, Box 232-D
Jane Lew, WV 26378
- 9) DRILLING CONTRACTOR:
 Name Sam Jack Drilling Company
 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, Alexander
- 12) Estimated depth of completed well, 5645 feet
- 13) Approximate strata depths: Fresh, _____ feet; salt, _____ feet.
- 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____

RECEIVED
 SEP 7 - 1984

OIL & GAS DIVISION
 DEPT. OF MINES

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	16					20-30	-		Kinds
Fresh water	11-3/4	H-40	42	X		40	40	To surface	By Rule 15.05
Coal									Sizes
Intermediate	8-5/8	X-42	23	X		1250	1250	To surface	By Rule 15.05
Production	4-1/2	J-55	10.5	X		5645	5645	200-400 sks	Depths set
Tubing	1-1/2	CN-55	2.75	X					By Rule 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-033-3088 Date October 26 19 84

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 October 26, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>28</u> BLANKET	Agent: <u>ls</u>	Plat: <u>TS</u>	Casing: <u>TS</u>	Fee: <u>003-972</u>
----------------------------	------------------	-----------------	-------------------	---------------------

Margaret J. Hesse
 Administrator, Office of Oil and Gas

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

File

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



IV-9
(Rev 8-81)

DATE September 21, 1984
WELL NO. CNGD #439 (Rev.)
API NO. 047 - 033 -

State of West Virginia
Department of Mines
Oil and Gas Division

Rec'd. (WF-SCD)
SEP 21 1984

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME CNG Development Company DESIGNATED AGENT Gary A. Nicholas
Address 1 Park Ridge Ctr. Pittsburgh 15244 Address Rt. 2, Box 698, Bridgeport, WV 26330
Telephone 412-429-2390 Telephone 304-623-8842
LANDOWNER Lester Thompson SOIL CONS. DISTRICT West Fork
Revegetation to be carried out by CNG Development Co., Gary A. Nicholas (Agent)

This plan has been reviewed by West Fork SCD. All corrections and additions become a part of this plan: 10/9/84 (Date)

THIS REVIEW IS MADE FOR SITE AS SHOWN. A CHANGE OF ELEVATION OF PLUS OR MINUS 10 FT. OR SLOPE OF PLUS OR MINUS 3 PERCENT MAKES THIS PLAN NOT ACCEPTABLE TO WESCD.

Kenneth E. Knight
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Cross Drain (A)
From 4% grade (every 150')
Spacing to 12% grade (every 72')
with riprapped outlet
Page Ref. Manual 2-1

Structure Diversion Ditch (1)
Material Earthen
Page Ref. Manual 2-12

Structure Culvert (15" min. I.D.) (B)
At natural drains
Spacing According to O & G Manual
with riprapped outlet
Page Ref. Manual 2-7

Structure None (2)
Material _____
Page Ref. Manual _____

Structure Drainage Ditch (C)
On Upper Road Cuts,
Spacing According to O & G Manual
Page Ref. Manual 2-12

Structure Rip Rap (3) (D)
Material Stone or Timber
Page Ref. Manual 2-9

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

structure Sediment Barrier (E)
Material Hay or Straw bales (stacked)
Pg. Ref. Man. 2-16

REVEGETATION

Treatment Area I
Lime As determined by pH test Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay or Straw 2 Tons/acre
Seed* Kentucky 31 Fescue 35 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Rye 10 lbs/acre

Treatment Area II
Lime As determined by pH test Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay or Straw 2 Tons/acre
Seed* Orchard Grass 10 lbs/acre
Red Clover 12 lbs/acre
Alsike Clover 4 lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY LAND SURVEYING SERVICES

ADDRESS 1412 N. 18th Street
Clarksburg, WV 26301
PHONE NO. 304-623-1214

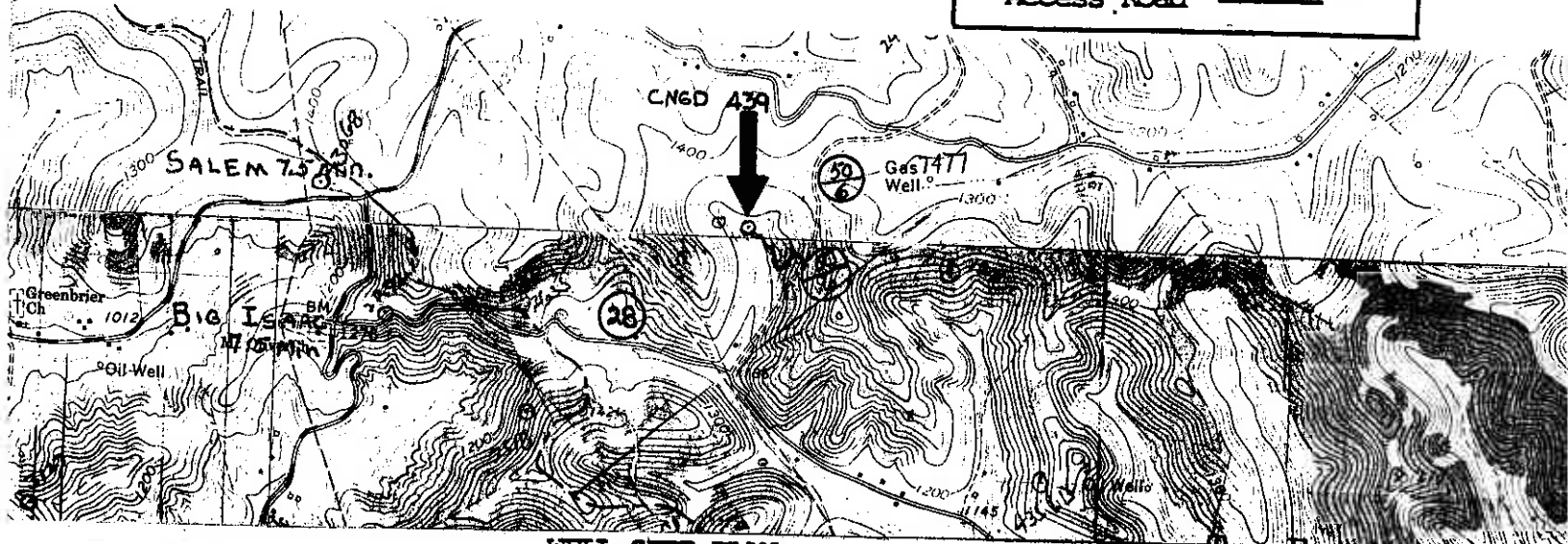
NOTES: Please request landowner's cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE SALEM 7.5 MIN.

LEGEND

Well Site ⊕

Access Road ———



WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

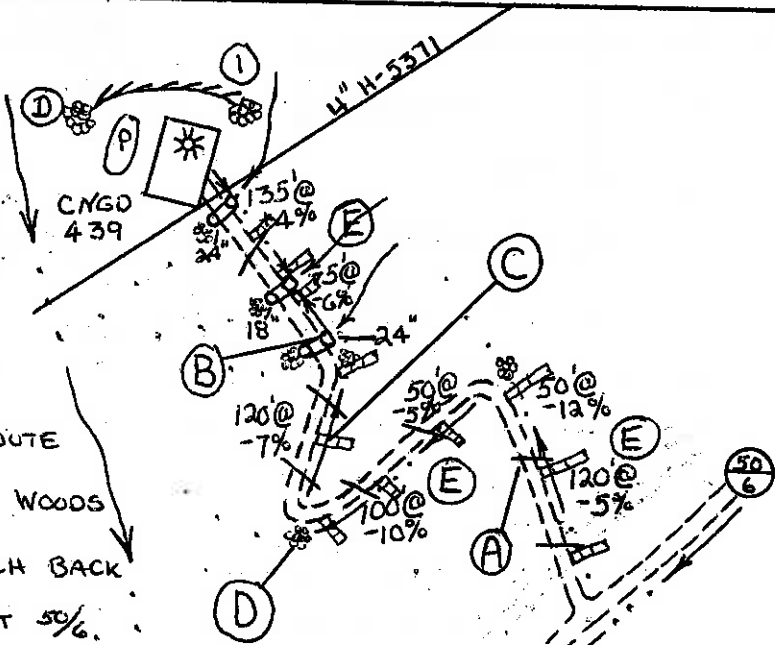
LEGEND

Property boundary ————	Diversion ————
Road = = = = =	Spring ○→
Existing fence —X—X—	Wet spot Ⓜ
Planned fence —/—/—	Building ■
Stream ~~~~~	Drain pipe —○→○→
Open ditch —····→	Waterway <= = = =

THIS LOCATION IS ON A CLEARED NOSE ABOVE A HOLLOW KNOWN AS FALLEN TIMBER RUN. THE ACCESS ROUTE WILL ANGLE UP THROUGH THE WOODS AT VARYING GRADES TO SWITCH BACK AND ULTIMATELY MEET CO. RT 50%.

TIMBER WILL BE CUT AND STACKED AND TOPSOIL WILL BE STOCKPILED FOR USE IN REVEGETATION.

LIVESTOCK IS PRESENT ON PARTS OF THIS FARM. Natural vegetation (filter strip) will remain undisturbed in areas between construction & natural water courses.



.25 MILE TO RT. 28 (COBURN FORK ROAD)



Potential Productive Formations:

L. 5 th Sand	}	Unlikely Productive
U. Spchly		
Spchly		
Balltown		
Bradford		
Riley		
Benson		
EIK		
Alexander		

Depleted Zones:

Salt Sand
Big Injun
Gordon

Remarks; Minimum Gas Sat'n for completion = 50%

2. Matrix Grain Density = 2.71 Above Base of Big Injun
2.68 Below Base of Big Injun
3. Rock Pressures in area = F-65730 - 1700' EIK 1
F-70482 - 1650'/4 in - Alex
F-72988 - 1900'/14 in Alex

ALL ZONES EXHIBITING POTENTIAL WHICH ARE NOT ON THE DEPLETED LIST SHOULD BE COVERED WITH CEMENT AND SEPARATED BY BAFFLES.