

FILE COPY
RECEIVED
MAR 21 1985



1) Date: January 30, 19 85
2) Operator's Well No. 1091
3) API Well No. 47 - 091 - 0482
State County Permit

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

OIL & GAS DIVISION
DEPT. OF MINES

- 4) WELL TYPE: A Oil / Gas /
B (If "Gas", Production / Underground storage / Deep / Shallow /)
- 5) LOCATION: Elevation: 1312 Watershed: Corbin Branch
District: Booths Creek County: Taylor Quadrangle: Rosemont 7.5
- 6) WELL OPERATOR CNG Development Company 10110 7) DESIGNATED AGENT Gary Nicholas
Address c/o Paul W. Garrett, P.O. Box 15746 Address Crosswind Corporate park
Pittsburgh, PA 15244 Rt. 2, Box 698, Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Donald Ellis
Address 2604 Crab Apple Lane
Fairmont, WV 26554
- 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, Speechley
- 12) Estimated depth of completed well, 3140 feet
- 13) Approximate trata depths: Fresh, 10, 170, 240 feet; salt, - feet.
- 14) Approximate coal seam depths: 5, 310, 600, 780 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	13-3/8	H-4	48	X		<u>492 300</u>	<u>492 300</u>	To Surface	By Rule 15.05
Coal						<u>2000</u>	<u>500</u>	<u>90250 cubic feet of Big Red rock</u>	
Intermediate	8-5/8	K-55	24	X		1900	1900	To Surface	By Rule 15.05
Production	4-1/2	J-55	10.5	X		3140	3140	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 47-091-0482 Date April 11, 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 April 11, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>28</u>	<u>SW</u>	<u>MP</u>	<u>MP</u>	<u>6985</u>

Margaret J. Hesse
Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

WELL OPERATOR: *COG Development Company*
 ADDRESS: *510 Park T. Carroll, T.O. Box 12746, Westport, PA 15384*
 PERMIT NO.: *1010*
 COUNTY: *Washington*
 LOCALITY: *Booke's Creek*
 ELEVATION: *1112*
 DISTRICT: *11*
 NAME: *John E. Hays*
 ADDRESS: *2601 Crab Apple Lane, Westport, WV 26381*
 PHONE: *304-263-4848*
 TITLE: *Drilling Contractor*
 COMPANY: *Sam Jack Drilling Co., P.O. Box 48, Westport, WV 26381*
 PHONE: *304-263-4848*
 TITLE: *Drilling Contractor*
 COMPANY: *Sam Jack Drilling Co., P.O. Box 48, Westport, WV 26381*
 PHONE: *304-263-4848*
 TITLE: *Drilling Contractor*
 COMPANY: *Sam Jack Drilling Co., P.O. Box 48, Westport, WV 26381*
 PHONE: *304-263-4848*

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____
 Reason: _____

128	W2	11/14/11	11/14/11
-----	----	----------	----------

IV-9
(Rev 8-81)



DATE July 9, 1984

WELL NO. CNGD #1091

API NO. 047 - 091 - 0482

State of West Virginia

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME CNG Development Company
Address 1 Park Ridge Center
Pittsburgh, Pa 15244
Telephone 412-429-2390

DESIGNATED AGENT Gary A. Nicholas
Address Crosswind Corporate Park
Rt. 2, Box 698 Bridgeport, WV 26330
Telephone 304-623-8134

LANDOWNER Stanley Talago

SOIL CONS. DISTRICT Tygart Valley

Revegetation to be carried out by Gary A. Nicholas (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections and additions become a part of this plan:

7-17-84
(Date)

Junior [Signature]
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Cross Drain (A)
From 7% grade (every 113')
Spacing 11% (every 76')
Page Ref. Manual 2-1

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

Structure Culvert (B)
As illustrated
Spacing According to O & G Manual
Page Ref. Manual 2-7

Structure _____ (2)
Material _____
Page Ref. Manual _____

Structure Broad Based Dip (C)
As illustrated
Spacing according to O & G Manual
Page Ref. Manual 2-3

Structure Drainage Ditch (3)
Material On Upper Road Cuts
Page Ref. Manual 2-12

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.

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 3 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* Kentucky 31 Fescue 3 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Rye 10 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 SERVICE 12/08/2023

ADDRESS Route 2, Box 215E

Jane Lew, WV 26378

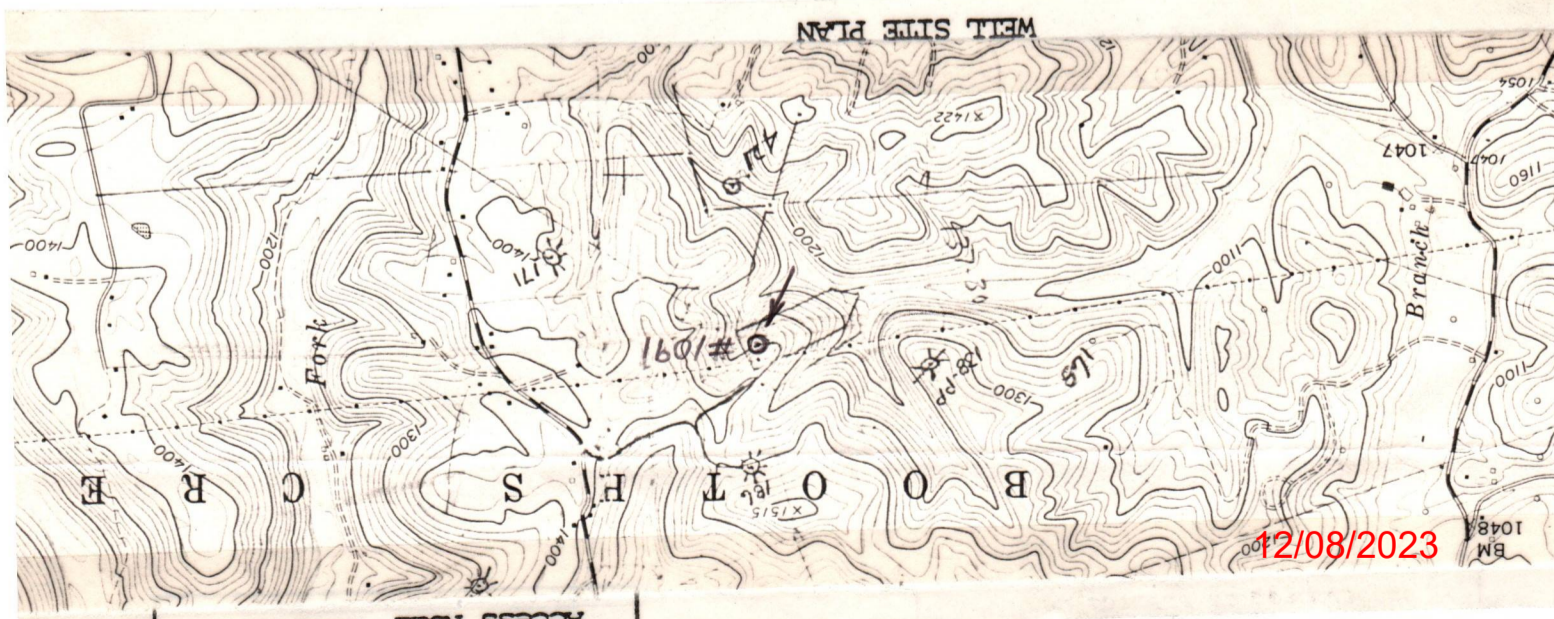
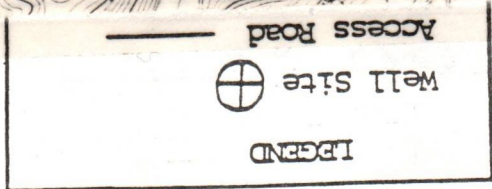
PHONE NO. 304-745-4426

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

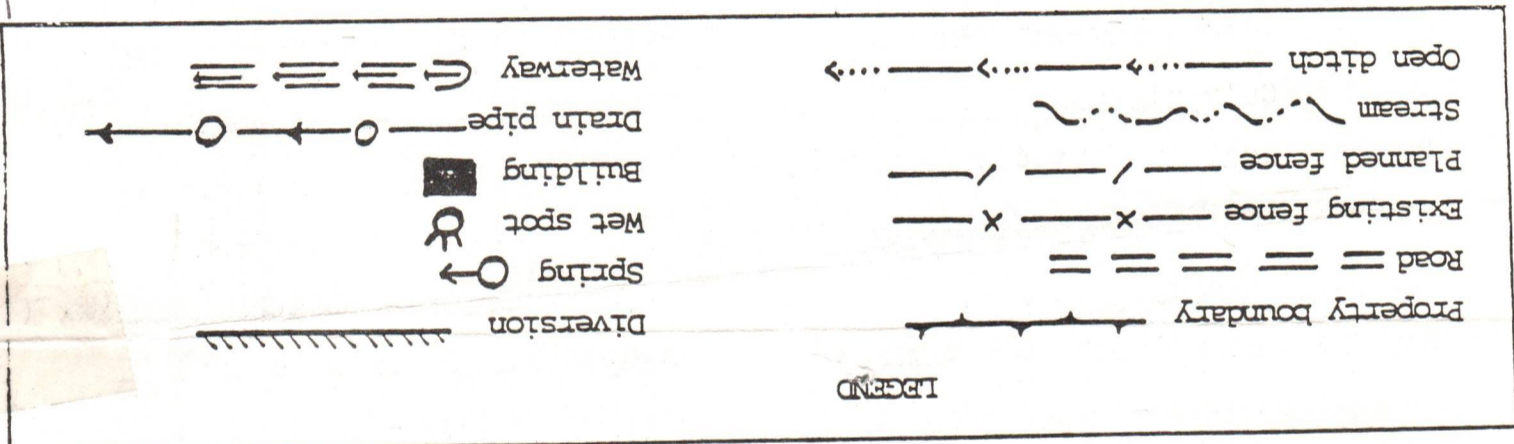
DEPT. OF MINES
OIL & GAS DIVISION
MAR 21 1985
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ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Rosemont 7.5 min.

12/20/2023

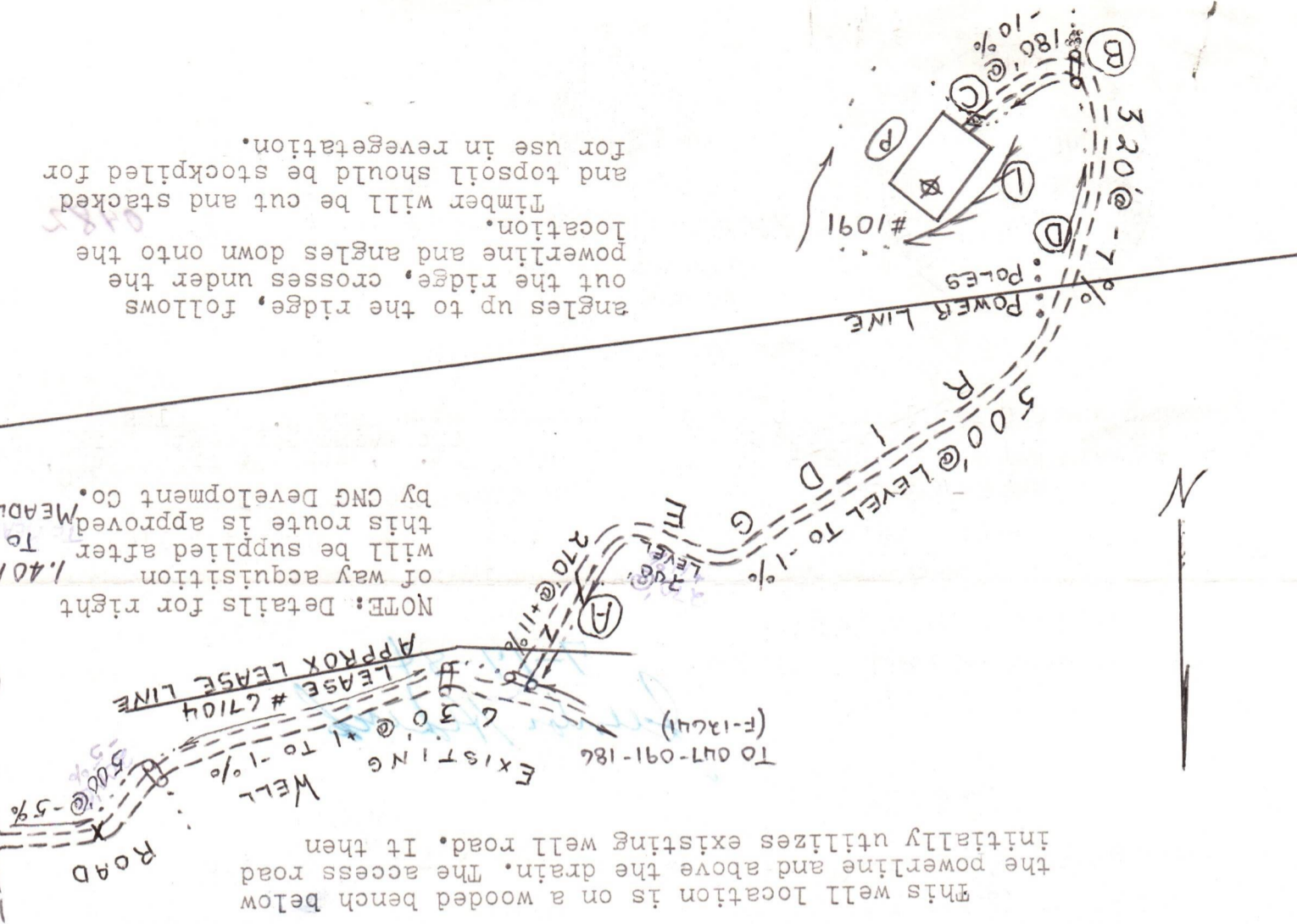


Ketch to include well location, existing access road, roads to be constructed, well site, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.



This well location is on a wooded bench below the powerline and above the drain. The access road initially utilizes existing well road. It then

NOTE: Details for right of way acquisition will be supplied after this route is approved by CNG Development Co. MEADLAN



angles up to the ridge, follows out the ridge, crosses under the powerline and angles down onto the location. Timber will be cut and stacked for use in revegetation.

1) Date: January 15, 19 85
2) Operator's Well No. 1091
3) API Well No. 47-091-0482
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

- (i) Name Stanley Talago
Address Box 164 B
Flemington, WV 26347
- (ii) Name Trustees of the Harmony Grove
Address Baptist Church
Route 2
- (iii) Name Grafton, WV 26354
Address _____

5(i) COAL OPERATOR

Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:

Name See Attached Sheet
Address _____

Name _____
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:

Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) 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.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other 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.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Paul W. Garrett

this day of January 30, 19 85.

My commission expires 12/19 19 88

Carl G. Mourovic
Notary Public, Allegheny County,
State of Pennsylvania

WELL

OPERATOR,

CNG Development Company

By Paul W. Garrett

Its Manager, Well Programs

Address P.O. Box 15746

Pittsburgh, PA 15244

Telephone (412) 787-4090

DEPT. OF MINES
OIL & GAS DIVISION

MAR 21 1985

RECEIVED

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

I N F O R M A T I O N S U P P L I E D U N D E R C O D E § 22-4-11(d)

I N L I E U O F F I L I N G L E A S E (S) A N D O T H E R C O N T I N U I N G C O N T R A C T (S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book</u>	<u>Page</u>
Dorsey Cropp & Mary Cropp	Hope Natural Gas Co.	1/8	13	249

modification 6/14/1956
Stanley Talago etal



COAL OWNER'S COPY
RECEIVED
MAR 21 1985



1) Date: January 30, 19 85
2) Operator's Well No. 1001
3) API Well No. 47
State _____ County _____ Permit _____

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

- 4) WELL TYPE: A Oil _____ / Gas X /
B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 1312 Watershed: Corbin Branch
District: Booths Creek County: Taylor Quadrangle: Rosemont 7.5
- 6) WELL OPERATOR CNG Development Company
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 Donald Ellis
Address 2604 Crab Apple Lane
Fairmont, WV 26554
- 9) DRILLING CONTRACTOR:
Name San Jack Drilling Co.
Address P.O. Box 48
Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate X /
Plug off old formation _____ / Perforate new formation _____
Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Speechley
- 12) Estimated depth of completed well, 3140 feet
- 13) Approximate strata depths: Fresh, 10, 170 feet; salt, _____ feet.
- 14) Approximate coal seam depths: 5, 310, 600, 780 Is coal being mined in the area? Yes _____ / No X /
- 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	<u>13-3/8</u>	<u>H-4</u>	<u>48</u>	<u>X</u>		<u>300</u>	<u>300</u>	<u>To Surface</u>	<u>By Rule 15.05</u>
Coal									Sizes
Intermediate	<u>8-5/8</u>	<u>K-55</u>	<u>24</u>	<u>X</u>		<u>1900</u>	<u>1900</u>	<u>To Surface</u>	<u>By Rule 15.05</u>
Production	<u>4-1/2</u>	<u>J-55</u>	<u>10.4</u>	<u>X</u>		<u>3140</u>	<u>3140</u>	<u>100-400 sbs</u>	Depths set
Tubing	<u>1-1/2</u>	<u>GN-5</u>	<u>7.75</u>	<u>X</u>					<u>By Rule 15.01</u>
Liners									Perforations:
									Top Bottom

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The 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 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 the filing of the Application.

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: Jan. 31, 19 85

By T. E. Beauford
Its Asst. Mgr.

12/08/2023
Coal Owner

CNGD Well No. 1091
Dorsey Crop, et al
Taylor County, WV

COAL OWNERS

INTEREST

Hillman Coal Co.
Grant Building
Pittsburgh, PA 15219

1/2 Kittaning Seams

Stanley Talago
Box 164 B
Flemington, WV 26347

1/2 Remainder of other
than Kittaning seams.

Trustees of the Harmony Grove Baptist Church
Route 2
Grafton, WV 26354

1/2 all seams.

RECEIVED
MAR 21 1985

OIL & GAS DIVISION
DEPT. OF MINES

12/08/2023

PS Form 3811, July 1983 447-845

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- 1. Show to whom, date and address of delivery.
- 2. Restricted Delivery.

3. Article Addressed to:
 Skillman Coal Co.
 Grant Building
 Pittsburgh, Pa 15319

4. Type of Service:	Article Number
<input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail	P 0580 613 436

Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature - Addressee
X

6. Signature - Agent
X *Jim White*

7. Date of Delivery
2-1-85

8. Addressee's Address (ONLY if requested and fee paid)



CRANE 1091

DOMESTIC RETURN RECEIPT

PS Form 3811, July 1983 447-845

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- 1. Show to whom, date and address of delivery.
- 2. Restricted Delivery.

3. Article Addressed to:
 Mr. Stanley Galaga
 c/o Joseph's Hardware
 Rt 3, Box 139A
 Bridgeport, OH 46330

4. Type of Service:	Article Number
<input type="checkbox"/> Registered <input type="checkbox"/> Insured <input type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail	P 153 820 437

Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature - Addressee
X *Nelen Frost*

6. Signature - Agent
X

7. Date of Delivery
3-15

8. Addressee's Address (ONLY if requested and fee paid)

CRANE 1091

DOMESTIC RETURN RECEIPT

PS Form 3811, July 1983 447-845

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- 1. Show to whom, date and address of delivery.
- 2. Restricted Delivery.

3. Article Addressed to:
 Trustees of the Harmony Grove
 Baptist Church
 Rt 3
 Crafton, OH 46304

4. Type of Service:	Article Number
<input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail	P 0580 612 439

Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature - Addressee
X

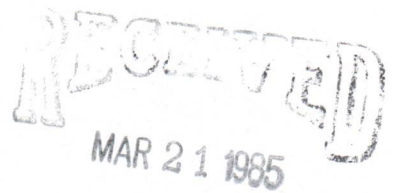
6. Signature - Agent
X *J.E.M.*

7. Date of Delivery
FEB 4 1985

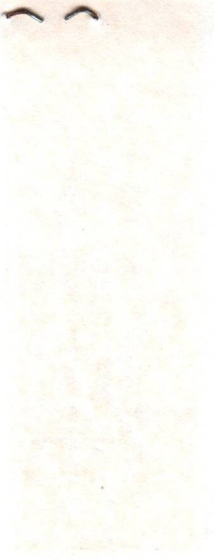
8. Addressee's Address (ONLY if requested and fee paid)

CRANE 1091

DOMESTIC RETURN RECEIPT



OIL & GAS DIVISION
DEPT. OF MINES



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

Perfco ran Corrlog and Perforated Speechley 2935 - 2940, 10 holes, .39 HSC
 Halliburton Water Frac Speechley 20# Gel - Break 1150, Avg TPSI 2200, Ave Rate 25 BPM,
 HHP used 1348, ISI 900, 5 min 800, used 50,000# 20/40 Sand 2-1/2# Max. Sand Conc. &
 500 gals 15% FE Acid
 Perfco Perforated 4th Sand - 2159, 2163, 2165, 2179, 2180, 2196, 2197, 2199, 2201
 9 holes, .39 HSC
 Halliburton Water Frac 4th Sand 20# Gel - Break 1400, Avg TPSI 2900, Avg Rate 29 BPM,
 HHP used 2061, ISI 1600, 5 min 1300, Used 60,000# 20/40 Sand, 3# Max. Sand Conc. &
 750 gals 15% FE Acid.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
KB - GL			0	10	Hole Damp @ 80'
Sand & Shale & RR			10	280	1" stream @ 160'
Coal			280	283	1/2" stream @ 650'
Sand & Shale			283	600	
Coal			600	603	Coal 280 - 283
Sand & Shale			603	785	600 - 603
Coal			785	790	785 - 790
Sand & Shale & RR			790	1135	
Lime			1135	1160	
Sand & Shale			1160	1165	
Big Lime & Injun			1165	1330	
Sand, Shale & RR			1330	3159	

(Attach separate sheets as necessary)

CNG DEVELOPMENT COMPANY

Well Operator

By: 

Date: September 18, 1985

12/08/2023

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."

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

4 SEP 85 2:01

REC'D - CHAS.

INSPECTOR'S WELL REPORT

Permit No. 091-0482

Oil or Gas Well _____
(KIND)

Company C.M.S.
 Address Bridgport W.V
 Farm TALAGO
 Well No. 1091
 District Booth Co County Taylor
 Drilling commenced 8-23-85
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT 280 FEET 283 INCHES
600 FEET 603 INCHES 785 FEET 790 INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names B.W. Jack #21

Remarks: Only 860ft wet,
Wet 1" @ 160ft
1/2 @ 608ft

8-26-85
DATE

[Signature]
DISTRICT WELL INSPECTOR

12/08/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

4 SEP 85 2:01

REC'D - CHAS.

INSPECTOR'S WELL REPORT

Permit No. 091-0482

Oil or Gas Well _____
(KIND)

Company C. N. G.
 Address Bridgeport WV
 Farm Salago
 Well No. 1091
 District Booth Ch. County Taylor
 Drilling commenced 8-22-85
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/2		1990	
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8 5/8 SIZE 1990 No. FT. 8-29-85 Date
 NAME OF SERVICE COMPANY Walsh & Son
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names SW Jack #21

Remarks: 385 lbs Cement 2% gel 440 lbs Regular,
390 C.C. 1 Float shoe 10 Centralizers 1 Basket @ 220ft.

8-29-85
DATE

Donald R. Ellis
DISTRICT WELL INSPECTOR

12/08/2023

4-11-85

1R-26
Obverse

INSPECTOR'S PERMIT SUMMARY FORM

WELL TYPE Gas
ELEVATION 1312
DISTRICT Booth Cr.
QUADRANGLE _____
COUNTY Taylor

API# 47-091 - 0482
OPERATOR C. T. R.
TELEPHONE _____
FARM TALAGO
WELL # 1091

SURFACE OWNER _____ COMMENTS _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED _____

DATE STARTED _____
LOCATION 8-8-85 NOTIFIED yes DRILLING COMMENCED 8-22-85

WATER DEPTHS 160', 605', _____, _____
COAL DEPTHS 280-283, 600-603, 785-790

CASING
Ran 1990 feet of 8 5/8" pipe on 8-29-85 with 825 lbs fill up
Ran 488' feet of 11 3/4" pipe on 8-25-85 with 385 lbs fill up
Ran _____ feet of _____ pipe on _____ with _____ fill up
Ran _____ feet of _____ pipe on _____ with _____ fill up

DEPARTMENT OF ENERGY
OIL AND GAS

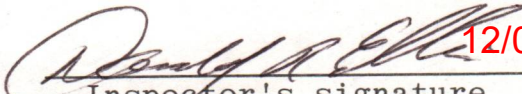
TD _____ feet on 9-4-85

PLUGGING MAY 29 1986

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____
Field analysis ph _____ fe _____ cl _____
Well Record received _____

Date Released 5-21-85


Inspector's signature 12/08/2023

API# 47 091 - 0483

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1	8-8-85			Build Location
2	8-22-85			Rig up
3	8-25-85			11 3/4" Det. Dr. pipe. Evaluate
4	8-25-85			Run 8 5/8" pipe
5	5-21-86			Release
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**

RECEIVED
OCT 16 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 091- 00482 -			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA	Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	2,940 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	CNG Development Company Name One Park Ridge Center P. O. Box 15746		Seller Code	
	Street Pittsburgh	PA	15244 Zip Code	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.) (b) For OCS wells	Booths Creek Field Name			
	Taylor County	WV State		
	Area Name	Block Number		
	Date of Lease: Mo. Day Yr.		OCS Lease Number	
(c) Name and identification number of this well: (35 letters and digits maximum.)	Stanley Talago, et al		CNGD #1091	
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Undetermined Name Buyer Code			
(b) Date of the contract:	 Mo. Day Yr.			
(c) Estimated total annual production from the well:	21 Million Cubic Feet			
	(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU -----	-----	-----	-----
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU 3.565	-----	-----	-----
9.0 Person responsible for this application:	R. N. Metzler Name Manager Reserves Signature Title 10/10/85 Date Application is Completed 412-787-4092 Phone Number			

FERC-121 (8-82)

12/08/2023

NOV 15 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: 10/10, 19 85

10110

AGENCY USE ONLY

Applicant's Name: CNG Development Company

Address: One Park Ridge Center
P.O. Box 15746
Pittsburgh, PA 15244
Attn: Carl G. Mourovic

WELL DETERMINATION FILE NUMBER

851016 - 1030-091-0482

Use Above File Number on all
Communications Relating to This Well

Gas Purchaser Contract No. N/A

Date of Contract N/A
(Month, day and year)

First Purchaser: undetermined P629

Address: _____
(Street or P.O. Box)

(City) (State) (Zip Code)

Designated Agent: Gary A. Nicholas
Address: CNG Development Company
Crosswind Corporate Park
Route 2 Box 698
Bridgeport, WV 26330

FERC Seller Code _____

FERC Buyer Code _____

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL
BE ADDRESSED:

Name: Robert N. Metzler Manager of Reserves
(Print) (Title)

Signature: [Signature]

Address: One Park Ridge Center - P.O. Box 15746
(Street or P.O. Box)
Pittsburgh, PA 15244
(City) (State) (Zip Code)

Telephone: (412) 787-4092
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
- 102-2 2.5 Mile Test
- 102-3 1000 Foot Deeper Test
- 102-4 New Onshore Reservoir

- 108 Stripper Well Natural Gas
- 108- Stripper Well
- 108-1 Seasonally Affected
- 108-2 Enhanced Recovery
- 108-3 Temporary Pressure Buildu

- 103 New Onshore Production Well
- X 103 New Onshore Production Well

- 107 High Cost Natural Gas
- 107-0 Deep (more than 15,000 feet)
- 107-1 Geopressed Brine
- 107-2 Coal Seams
- 107-3 Devonian Shale
- 107-5 Production enhancement
- 107-6 New Tight Formation
- 107-7 Recompletion Tight Formation

AGENCY USE ONLY

QUALIFIED

12/08/2023

RECEIVED
OCT 16 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date Received

Determination Date

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date October 10, 19 85
Operator's
Well No. #1091
API Well No.
47 - 091 - 00482
State County Permit

WELL CLASSIFICATION FORM

NEW ONSHORE PRODUCTION WELL
NGPA Section 103

DESIGNATED AGENT Gary A. Nicholas
CNG Development Company
ADDRESS Crosswind Corporate Park
Route 2 Box 698
Bridgeport, WV 26330

WELL OPERATOR CNG Development Company
One Park Ridge Center
ADDRESS P.O. Box 15746
Pittsburgh, PA 15244

LOCATION: Elevation 1,312'
Watershed Corbin Branch
District Booths Creek County Taylor Quad. Rosemont
Gas Purchase Contract No. N/A
Meter Chart Code N/A
Date of Contract N/A

GAS PURCHASER undetermined

ADDRESS _____

* * * * *

Date surface drilling was begun: August 23, 1985

Indicate the bottom hole pressure of the well and explain how this was calculated:

BHP = 776#
BHP = P₋₁ + P₋₁ (e GL 53.34 T₋₁)

AFFIDAVIT

I, Robert N. Metzler, having been first sworn according to law, state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.



Pennsylvania
STATE OF ~~WEST VIRGINIA~~
COUNTY OF Allegheny, TO WIT:

I, Carl G. Mourovic, a Notary Public in and for the state and county aforesaid, do certify that R. N. Metzler, whose name is signed to the writing above, bearing date the 10th day of October, 19 85, has acknowledged the same before me, in my county aforesaid. **12/08/2023**

Given under my hand and official seal this 10th day of October, 19 85.

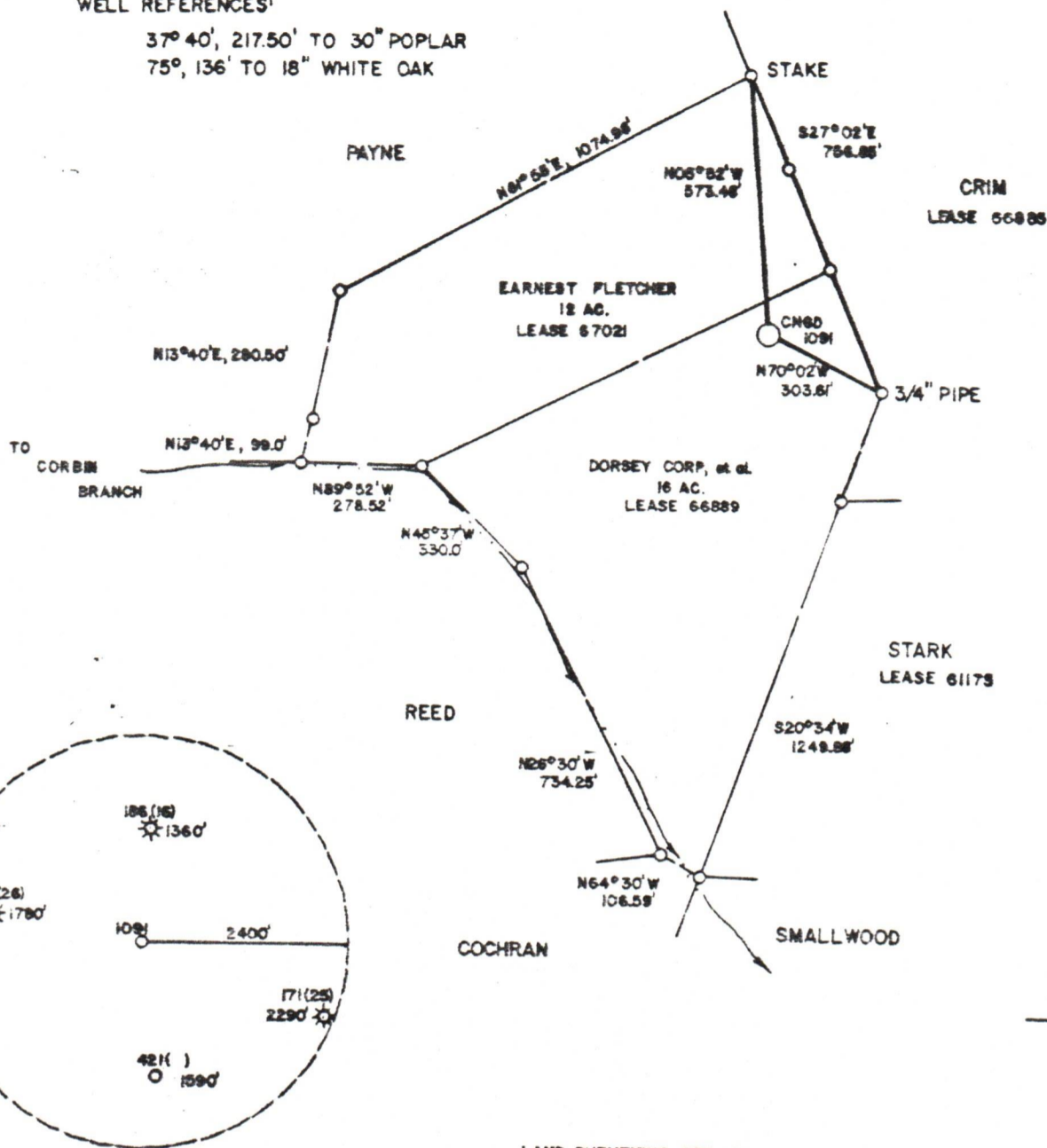
My term of office expires on the 19th day of December, 19 88.



Notary Public

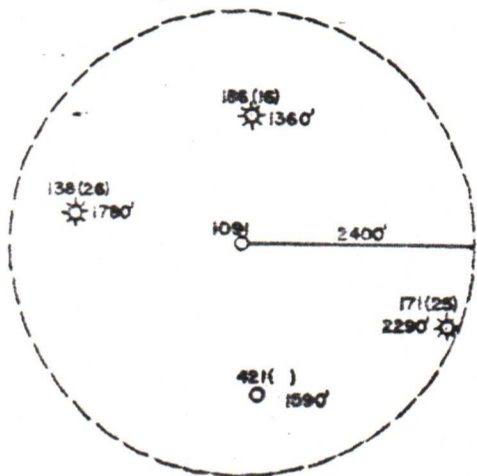
WELL REFERENCES'

37°40', 217.50' TO 30" POPLAR
75°, 136' TO 18" WHITE OAK



LONGITUDE 80°10'00"

13,400'



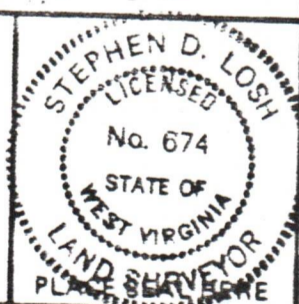
LAND SURVEYING SERVICES
1412 NORTH 18TH ST.
CLARKEBURG, WV 26301
PHONE: 304-823-1214

7.5 MIN.

FILE NO. _____
 DRAWING NO. _____
 SCALE one inch = 400 feet
 MINIMUM DEGREE OF ACCURACY one in 2500
 PROVEN SOURCE OF ELEVATION top of knob 1800 feet
north of location elevation 1515'

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 JULY 31, 19 84
 OPERATOR'S WELL NO. CNGD 1091
 API WELL NO. _____

47 - 091 - 0482
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1312' WATER SHED CORBIN BRANCH
 DISTRICT BOOTH'S CREEK COUNTY TAYLOR
 QUADRANGLE ROSEMONT 7.5 min.

SURFACE OWNER STANLEY TALAGO, et al. ACREAGE 16
 OIL & GAS ROYALTY OWNER STANLEY TALAGO, et al. LEASE ACREAGE 16
 LEASE NO. 66889

12/08/2023

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 SPEECHLEY ESTIMATED DEPTH 3140'
 WELL OPERATOR CNG DEVELOPMENT CO. DESIGNATED AGENT GARY A. NICHOLAS
 ADDRESS 1 PARK RIDGE CENTER ADDRESS RT 2, BOX 698
PITTSBURGH PA 15244 BRIDGEPORT, WV 26330