

7/85

RECEIVED
OCT 21 1985



1) Date: September 13, 19 85
2) Operator's Well No. 1954
3) API Well No. 47-001-2277
State _____ County _____ Permit _____

STATE OF WEST VIRGINIA

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY, OIL AND GAS DIVISION
DEPARTMENT OF ENERGY **APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil _____ / Gas / B (If "Gas", Production / Underground storage _____ / Deep _____ / Shallow)
- 5) LOCATION: Elevation: 1415 Watershed: Pleasant Creek
District: Pleasant County: Barbour Quadrangle: Phillippi 5-44
- 6) WELL OPERATOR CNG Development Co CODE: 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, Benson
12) Estimated depth of completed well, 4245 feet
13) Approximate trata depths: Fresh, _____ feet; salt, _____ feet.
14) Approximate coal seam depths: _____ 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		40	40	To Surface	By Rule 15.05
Coal									Sizes
Intermediate	8-5/8	X-42	23	x		1000	1000	To Surface	By Rule 15.05
Production	4-1/2	J-55	10.5	x		4328	4328	200-400	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 47-001-2277

November 14 1985
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 November 14, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>ALD</u>	Plat: <u>MH</u>	Casing: <u>MU</u>	Fee: <u>61150</u>	WPCP: <u>MH</u>	S&E: <u>MH</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

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

11/10/2023 File



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OCT 21 1987

OFFICE USE ONLY

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

1) WELL TYPE A OR B
2) LOCATION
3) WELL OPERATOR
4) DESIGNATED AGENT
5) DRILLING CONTRACTOR
6) PROPOSED WELL WORK
7) GEOLOGICAL TARGET FORMATION
8) Estimated depth of completed well
9) Approximate true depth
10) Approximate casing depth

PACKERS	CEMENT	FOOT-COUNTERS	SPERATION	SPERATION	SPERATION	SPERATION	SPERATION	SPERATION	SPERATION

OFFICE USE ONLY

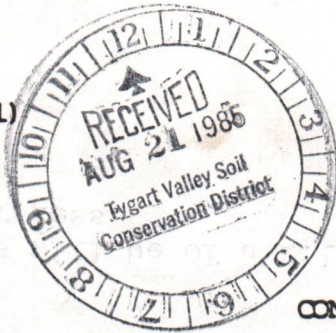
This part of Form WW-2(B) is to record the dates of certain occurrences and any follow-up inspections.

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

Reason: _____
Reason: _____

11/10/2023

IV-9
(Rev 8-81)



DATE August 16, 1985
WELL NO. #1954 (Rev.)
API NO. 47 - 001 - 2277

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME CNG Development Company DESIGNATED AGENT Gary A. Nicholas
Address 1 Park Ridge Center, Pittsburgh, PA Address Rt. 2, Box 698, Bridgeport, WV
Telephone 412-429-2390 Telephone 304-623-8842

LANDOWNER Albert Gaskin SOIL CONS. DISTRICT Tygart Valley
Revegetation to be carried out by CNG Dev. Co. - Gary A. Nicholas (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections and additions become a part of this plan: 8-22-85 (Date)

Justin Hedrick
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Broad Based Dip (A)
Spacing As shown
Page Ref. Manual 2-3

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

Structure Drainage Ditch (B)
Spacing On upper road cuts
Page Ref. Manual 2-12

Structure RECEIVED (2)
Material RECEIVED
Page Ref. Manual OCT 21 1985

Structure Cross Drain (C)
Spacing 14%-64' to 20%-45'
Page Ref. Manual 2-1

Structure DIVISION OF OIL & GAS (3)
Spacing DEPARTMENT OF ENERGY
Material Culvert (15" min.) (D)
Page Ref. Manual Co. In road ditch
2-7

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

Treatment Area II

Liming According to 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* KY 31 Fescue 35 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Rye 10 lbs/acre

Liming According to 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* KY 31 Fescue 35 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 11/10/2023

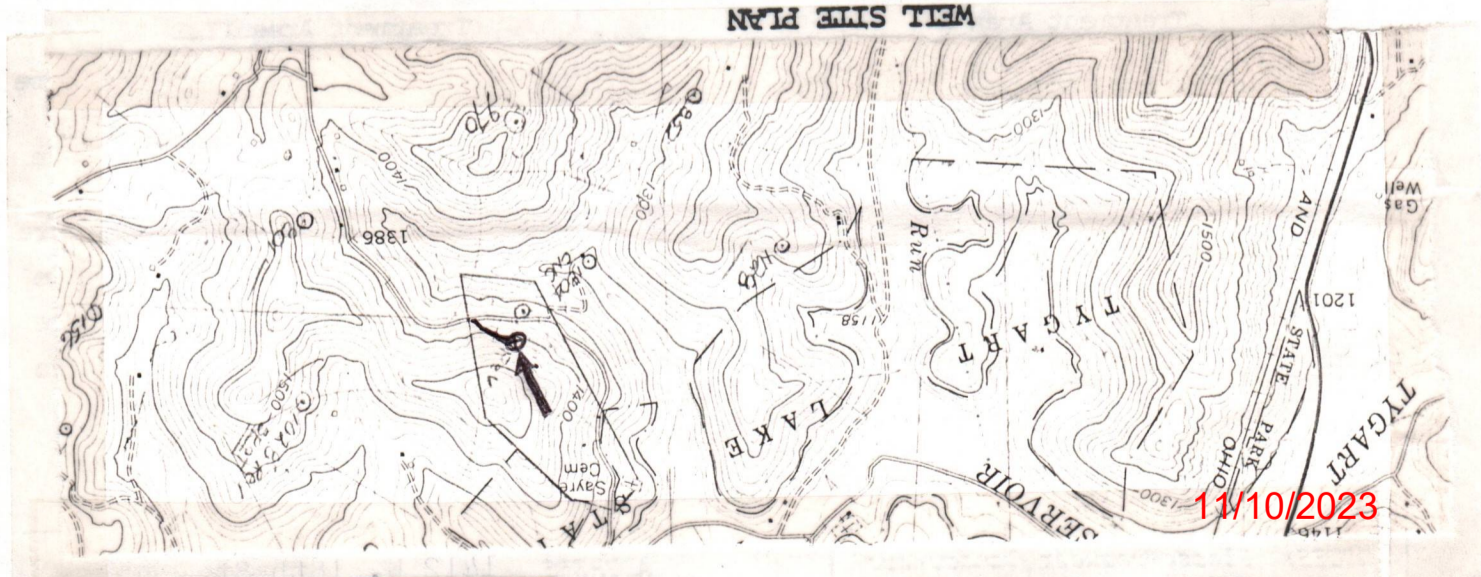
ADDRESS 1412 N. 18th St.
Clarksburg, WV 26301

PHONE NO. 304-623-1214

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

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Phillippt 7.5 min.

11/10/2023



LEGEND

- ⊕ Well Site
- Access Road

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

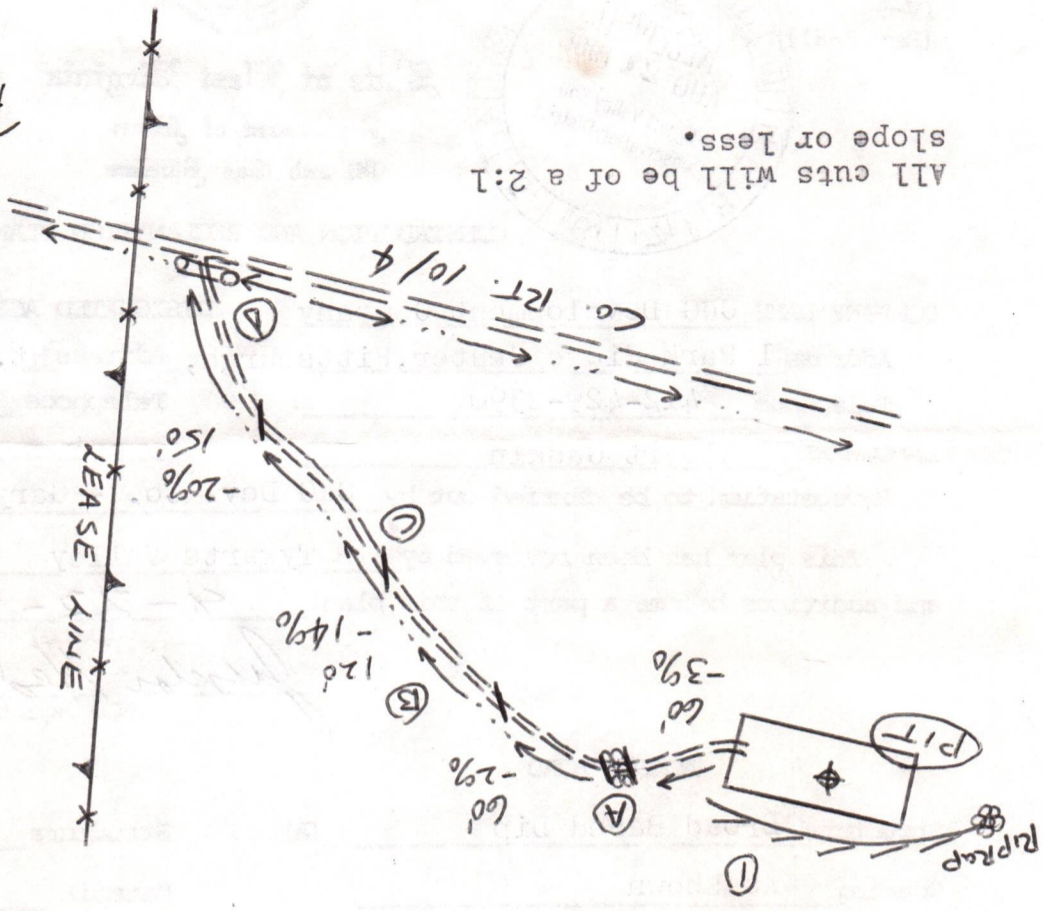
LEGEND

- ⊕ Property boundary
- == Road
- X — Existing fence
- / — Planned fence
- ~ Stream
- Open ditch

- ▬ Diversion
- ⊕ Spring
- ⊕ Wet spot
- Building
- Drain pipe
- ≡ Waterway

Location is on a bench on a wooded hillside. Usable timber will be cut and stacked. Topsoil will be stockpiled for use in revegetation. Rock will be used on road where necessary. Location of pit may vary if construction difficulties warrant.

Pit-Impervious Material Liner



All cuts will be of a 2:1 slope or less.

1) Date: October 24, 19 85
Operator's
2) Well No. 1954 (Revised)
3) API Well No. 47 - 001 - 2277
State County Permit

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

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

(1) Name Albert & Virginia Gaskin
Address Shillelagh Farm
6623 Carlisle Pike

(11) Name Mechanicsburg, PA 17055
Address _____

(111) Name _____
Address _____

5 (1) COAL OPERATOR Kitt Energy Corporation
Address c/o C T Corporation System
123 South Broad St., Philadelphia, PA 19109
5 (11) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name See Attached List
Address _____

Name _____
Address _____

5 (111) 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 WW-2(B) 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 WW-6, and
- (3) The Construction and Reclamation Plan on Form WW-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 WW-2(B) DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22B 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 Director of the Division of Oil and Gas, with respect to a well at the location described on attached Application and depicted on attached Form WW-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 Director of the Division of Oil and Gas.

6) EXTRACTION RIGHTS

Check and provide one of the following:
 Included in 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 22B-1-8(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 WW-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 24th day of October, 19 85,
My commission expires 12/19, 1988.
Carl G. Mourovic
Notary Public, Allegheny County,
State of Pennsylvania

WELL OPERATOR CNG Development Company
By Paul W. Barrett
Its Manager, Well Programs
Address P.O. Box 15746
Pittsburgh, PA 15244
Telephone (412) 787-4090

11/10/2023

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Division 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 §22B-1-9(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 §22B-1-36.
- 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 §22B-1-6 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 §22B-1-2C and the reclamation required by Code §22B-1-30 and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code §22B-1-2(c) and 22B-1-29, and (v) if applicable, the consent required by Code §22B-1-21 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 § § 22B-1-9, 22-B-1-13 and 22B-1-14.

**INFORMATION SUPPLIED UNDER CODE §22B-1-8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(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>
Bessie C. Shaffer, et vir	Hope Natural Gas Co.	1/8	48	126
to	Consolidated Gas Supply	1/8		
Bessie C. Shaffer	Albert & Virginia Gaskin	1/8		
Consolidated Gas Supply	Consolidated Gas Trans.	1/8		
to	CNG Development Company	1/8		

CNGD Well No. 1954
Bessie C. Shaffer, et vir
Barbour County, WV

COAL OWNERS

Albert L. & Virginia Gaskin
Shillelagh Farm
6623 Carlisle Pike
Mechanicsburg, PA 17055

Upper Kittanning Inc.
c/o Royal Land Company
455 Race Track Rd.
Meadowlands, PA 15347

Royal Land Company
455 Race Track Rd.
Meadowlands, PA 15347

Tygart Resources, Inc.
108 McCurdy Drive
Pittsburgh, PA 15235

11/10/2023

**SITE REGISTRATION APPLICATION FORM
STATE OF WEST VIRGINIA/NPDES GENERAL PERMIT FOR OIL AND GAS
DRILLING PIT WASTE DISCHARGE**

1. Company Name CNG Development Co
2. Mailing Address Route 2 Box 698 Bridgeport W.V. 26330
street city state zip
3. Telephone 304-623-8840 4. Well Name B. C. Shaffer - CNGD1954
5. Latitude 39°15'00" Longitude 80°00'00"
6. NPDES # WV0073343 7. Dept. Oil & Gas Permit NO. 47-001-2277
8. County Barbour 9. Nearest Town Pleasant Creek
10. Nearest Stream Pleasant Creek 11. Tributary of Tygart Valley River
12. Will Discharge be Contracted Out? yes X no _____
PKC
13. If Yes, Proposed Contractor _____
 Address 44 BALTIMORE ST., WESTOVER, WV 26505
304-291-5960
 Telephone _____
14. Proposed Disposal Method: UIC _____ Land application X
 Off Site Disposal _____ Reuse _____ Centralized Treatment _____
 Thermal Evaporation _____ Other _____
15. Attach to this application a topographic map (a duplicate of the one submitted to the Office of Oil and Gas) showing the outline of the facility, location of wells, springs, rivers and other surface water bodies, and drinking water wells known to the applicant in the area of the lease that may be impacted by any land application.

Nothing in the general permit shall be deemed in any way to create new, or enlarge existing, rights of riparian owners or others. Neither does anything in the general permit create new, or enlarge existing, obligations or duties of an operator pursuant to the requirements of W. Va. Code S22-4-1 et seq. The issuance of the general permit does not convey any property rights of any sort. Nor shall the issuance of the general permit give rise to any presumptions of law or findings of fact inuring to or for the benefit of persons other than the State of West Virginia.

RECEIVED
OCT 21 1985

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:
 Republic Steel Corp.
 Republic Building
 Box 6778
 Cleveland, OH 44101

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 162-464-118

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
X

6. Signature - Agent
X *Halt*

7. Date of Delivery
SEP 17 1985

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

GN6D 1984

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:
 Katt Energy Corp.
 OCT Corporation System
 123 S. Broad St.
 Philadelphia, PA. 19109

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-162-464-117

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
X

6. Signature - Agent
X *J. L. Corum*

7. Date of Delivery
SEP 16 1985

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

GN6D 1984

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 + Mrs. Albert Gaskin
 Spillbush Farm
 6623 Cheshire Pike
 Mechanicsburg, PA 17055

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 162-464-121

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
X *Virginia M. Gaskin*

6. Signature - Agent
X

7. Date of Delivery
9-16-85

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



GN6D 1984

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:
 Royal Land Co.
 455 Race Track Road
 Meadowlands, PA. 15347

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-162-464-115

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
X

6. Signature - Agent
X

7. Date of Delivery

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

GN6D 1984

DOMESTIC RETURN RECEIPT

RECEIVED
OCT 21 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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.

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

3. Article Addressed to:
Tygart Resources Inc.
108 Mc Curdy Drive
Pgh PA. 15235

4. Type of Service:	Article Number
<input checked="" type="checkbox"/> Registered <input type="checkbox"/> Certified <input type="checkbox"/> Express Mail	<input type="checkbox"/> Insured <input type="checkbox"/> COD <i>P-162-464-114</i>

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

5. Signature - Addressee
X *N. Bradford*

6. Signature - Agent
X *SEP 14 1985*

7. Date of Delivery

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

DNC D 1985

DOMESTIC RETURN RECEIPT



RECEIVED
 OCT 21 1985
 DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

IV-35
(Rev 8-81)

RECEIVED
JAN 2 1986



State of West Virginia
Department of Mines
Oil and Gas Division

Date December 12, 1985
Operator's
Well No. CNGD WN 1954
Farm Gaskin
API No. 47 - 001 - 2277

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production X / Underground Storage ___ / Deep ___ / Shallow X /)

LOCATION: Elevation: 1415 Watershed Pleasant Creek
District: Pleasant County Barbour Quadrangle Philippi

COMPANY CNG Development Company

ADDRESS P. O. Box 15746
Pittsburgh, PA 15244

DESIGNATED AGENT Gary A. Nicholas

ADDRESS Rt. 2 Box 698
Bridgeport, WV 26330

SURFACE OWNER Albert L. Gaskin

ADDRESS Shillelagh Farm
6623 Carlisle Pk. Mechanicsburg, PA 17055

MINERAL RIGHTS OWNER Albert Gaskin

ADDRESS Shillelagh Farm, 6623 Carlisle Pike
Mechanicsburg, PA 17055

OIL AND GAS INSPECTOR FOR THIS WORK

Donald Ellis ADDRESS 2604 Crab Apple Lane
Fairmont, WV 26554

PERMIT ISSUED November 14, 1985

DRILLING COMMENCED 11/20/85

DRILLING COMPLETED 11/25/85

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	1898	1898	To Surf.
7			
5 1/2			
4 1/2	4328	4328	410 sks
3			
2 1-1/2	4155	4155	----
Liners used			

GEOLOGICAL TARGET FORMATION Benson Depth 4245 feet

Depth of completed well 4476 feet Rotary X / Cable Tools _____

Water strata depth: Fresh 200 feet; Salt _____ feet

Coal seam depths: ----- Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Benson Pay zone depth 4185-89 feet
Riley 4193-96
Speechley 3935-49
2981-88

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow 400 Mcf/d Oil: Final open flow _____ Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 290 psig (surface measurement) after 1 hours shut in
(If applicable due to multiple completion--)

Second producing formation _____ Pay zone depth 11/10/2023 feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

BAR 2277

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

Perforated Benson 4185-89, 7 holes; 4193-96, 7 holes; total 14 holes, .39" HSC
 Riley 3935-49, 20 holes, .39" HSC; Speechley 2981-88, 20 holes, .39" HSC
 Halliburton Water Frac - Benson gel 20 (WG-12), Break 2100 psi, Break Rate 26 BPM,
 Ave Tr Pr. 3000 psi, Max Tr Pr 3500 psi, Ave Rate 28 BPM, HHP 2059, 45,000# 20/40 Sand,
 Max Conc. 3, Silica Flour 100#, Total Fluid 590 bbl, SL Fluid 424 bbl, ISIP 1900 psi,
 5 min 1700 psi; Riley - Gel 20 (WG-12), Break 2000 psi, Break Rate 28 BPM, Ave Tr.
 Pr. 2200 psi, Max Tr Pr 2400 psi, Ave Rate 25 BPM, HHP 1348, 60,000 # 20/40 Sand,
 Max Conc 5, Silica Flour 150#, Total Fluid 725 bbl, SL Fluid 466 bbl, ISIP 1650psi,
 5 min 1600 psi; Speechley Gel 20 (WG-12), Break 3500 psi, Break Rate 26 BPM,
 Ave Tr Pr 2800 psi, Max Tr Pr 3200 psi, Ave Rate 23 BPM (Increased rate for 20 - 25 bpm
 half way thru Speechley), HHP 1578, 40,000# 20/40 Sand, Max Conc 3, Silica Flour 100#,
 Total Fluid 575 bbl, SL Fluid 384 bbl, ISIP 2100 psi, 5 min 1850 psi.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Clay			0	3	1/2" water @ 50'
Shale, Sand & RR			3	1220	1" water @ 200'
Big Lime			1220	1315	
Injun			1315	1360	
Sand & Shale			1360	1693	
Gantz			1693	1760	
Sand, Shale & RR			1760	4476	
LOG TOPS					
Little Lime			1182	1199	
Big Lime			1222	1352	
Big Injun			1361	1431	
Squaw			1485	1513	
Berea			1642	1665	
Gantz A			1707	1726	
Gordon			2003	2081	
4th			2106	2136	
5th			2207	2270	
L. 5th			2283	2304	
Bayard			2358	2428	
Warren			2624	2644	
Speechley			2977	2989	
Balltown			3026	3212	
Bradford			3412	3535	
Riley			3839	4016	
Benson			4157	4242	

(Attach separate sheets as necessary)

CNG DEVELOPMENT COMPANY

Well Operator

By: *Gary A. Miller*

11/10/2023

Date: December 12, 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."

✓ 1R-26
Obverse

INSPECTOR'S PERMIT SUMMARY FORM

11-14-85

WELL TYPE Gas
ELEVATION _____
DISTRICT Pleasant
QUADRANGLE _____
COUNTY Barlow

API# 47-001 - 2277
OPERATOR C.N.C. Development
TELEPHONE _____
FARM Gas Plant
WELL # 1954

SURFACE OWNER _____ COMMENTS _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED 11-14-85
DATE STARTED _____
LOCATION 11-18-85 NOTIFIED _____ DRILLING COMMENCED 11-20-85

WATER DEPTHS _____, _____, _____, _____
COAL DEPTHS _____, _____, _____, _____

CASING

Ran 1898 feet of 8 5/8" pipe on 11-23-85 with 400 lb fill up
Ran _____ feet of _____" pipe on _____ with _____ fill up
Ran _____ feet of _____" pipe on _____ with _____ fill up
Ran _____ feet of _____" pipe on _____ with _____ fill up

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

TD 4476 feet on 11-25-85

PLUGGING

JUN 4 1986

Type	From	To	Pipe Removed

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

Date Released 5-27-86

Phillip Gray
Inspector's signature

11/10/2023

API# 47 _____ - _____

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2				
3				
4				
5				
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
JAN 17 1986
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 001- 02277			
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.)	4189 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	
	Pittsburgh City	PA State	15244 Zip Code	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Pleasant District Field Name			
(b) For OCS wells:	Barbour 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.)	Gaskin		CNGD #1954	
(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			
(b) Date of the contract:	Mo. Day Yr.			
(c) Estimated total annual production from the well:	11 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/MMSTU			
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMSTU	3.616		
9.0 Person responsible for this application:	J. L. Frink Vice President - Production Name Title			
Agency Use Only	Signature <i>J. L. Frink</i>			
Date Received by Juris. Agency JAN 17 1986	1/13/86 Date Application is Completed			
Date Received by FERC	412-787-4086 Phone Number			

FERC-121 (8-82)

11/10/2023

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

11492-78

FEB 15 1986

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: January 13, 19 86 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

860117 -1030 -001 - 2277

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 P 629

Designated Agent: Gary A. Nicholas

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

Address: _____

CNG Development Company
Crosswind Corporate Park

(City) (State) (Zip Code)

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: J. L. Frink

Vice President - Production

Signature: (Print) J L Frink

(Title)

Address: One Park Ridge Center - P.O. Box 15746

(Street or P.O. Box)

Pittsburgh, PA 15244

(City) (State) (Zip Code)

Telephone: (412) 787-4086

(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
- XX 103 New Onshore Production Well

- 107 High Cost Natural Gas
- 107-0 Deep (more than 15,000 feet)
- 107-1 Geopressured 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 11/10/2023

RECEIVED
JAN 17 1986

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date Received

Determination Date

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

Date January 13, 1986
Operator's
Well No. #1954
API Well No.
47 - 001 - 02277
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 1415'
Watershed Pleasant Creek
District Pleasant County Barbour Quad. Philippi
Gas Purchase Contract No. N/A
Meter Chart Code N/A
Date of Contract N/A

GAS PURCHASER undetermined
ADDRESS _____

* * * * *

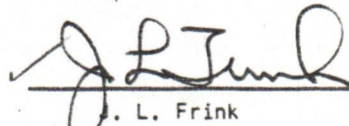
Date surface drilling was begun: 11/20/85

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

BHP = 350#
BHP = P₋₁ + P₋₁ (e GL 53.34 T-1)

AFFIDAVIT

I, J. L. Frink, 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.



J. L. Frink
Vice President - Production

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 J. L. Frink, whose name is signed to the writing above, bearing date the 13th day of January, 1986, has acknowledged the same before me, in my county aforesaid. 11/10/2023

Given under my hand and official seal this 13th day of January, 1986.

My term of office expires on the 19th day of December, 1988.

[NOTARIAL SEAL]



Notary Public

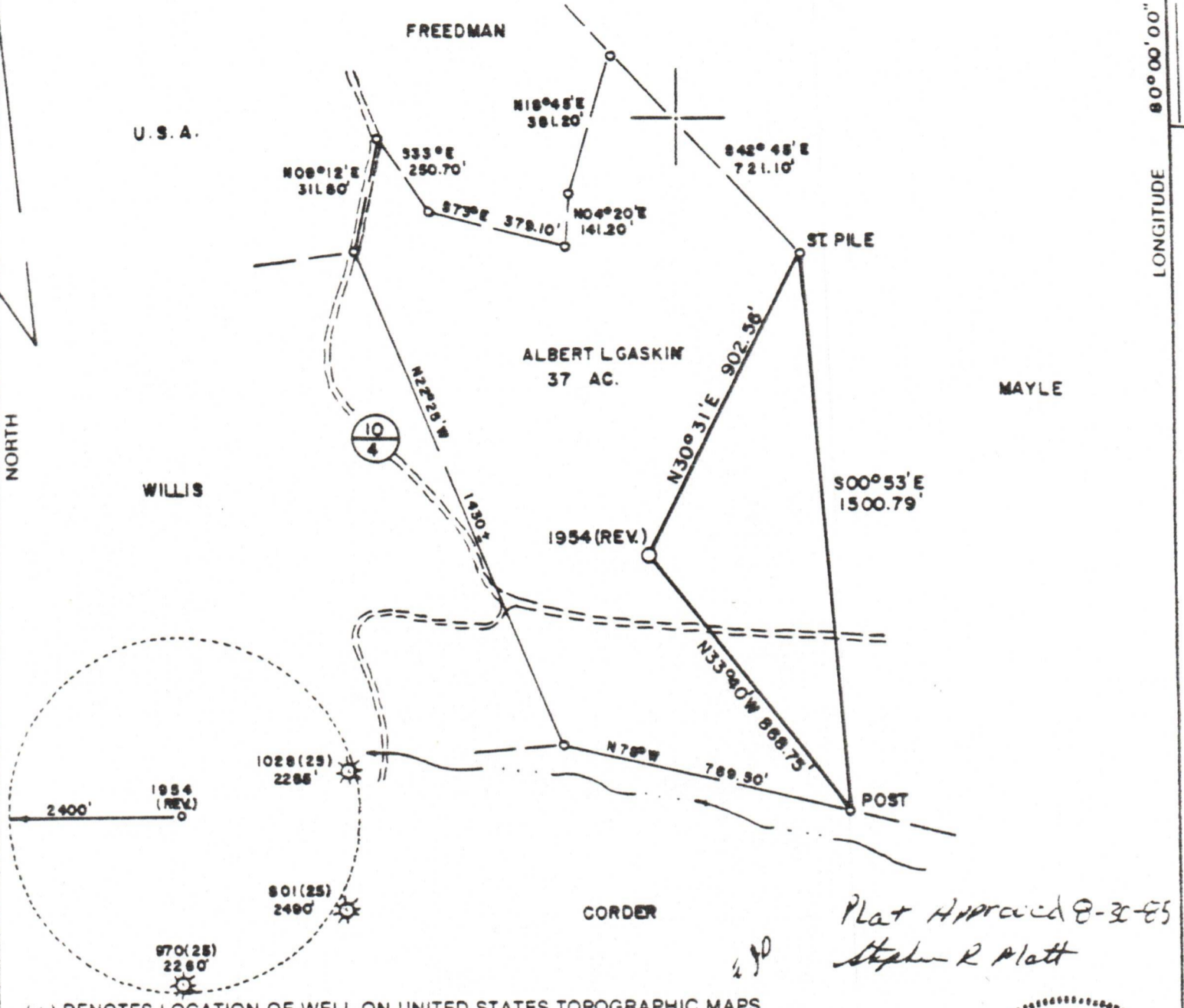
3370 11-12-85

6750'

LATITUDE 39° 15' 00"

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

WELL REFERENCES:
S77°15'E, 163' TO 10" R. MAPLE
N47°15'W, 187.60' TO 6" LOCUST

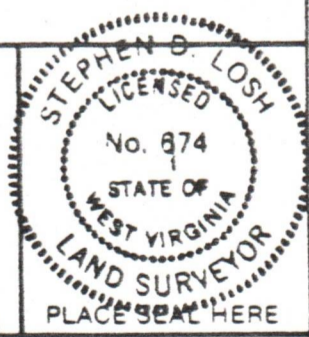


Plat Approved 8-3-85
Stephen R Platt

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 in 2500
 PROVEN SOURCE OF ELEVATION BM 2000' SE OF LOCATION
 ELEV. 1386'

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



DATE AUGUST 16, 19 85
 OPERATOR'S WELL NO. 1954 (REV.)
 API WELL NO. 47-001-2277
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS.") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1415' WATERSHED PLEASANT CREEK
 DISTRICT PLEASANT COUNTY BARBOUR
 QUADRANGLE PHILIPPI 7.5 min.
 SURFACE OWNER ALBERT L. GASKIN ACREAGE 37
 OIL & GAS ROYALTY OWNER ALBERT L. GASKIN LEASE ACREAGE 37
 LEASE NO. 72886

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 BENSON ESTIMATED DEPTH 4245'
 WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS
 ADDRESS ONE BARK RIDGE CENTER ADDRESS CROSSWIND CORPORATE PARK

COUNTY NAME PERMIT