

RECEIVED

MAY 24 1985



1) Date: May 10, 19 85
 2) Operator's Well No. McGINNIS #5
 3) API Well No. 47 -085-7388
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 OIL & 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: 1142 Watershed: Silver Run
 District: Grant 2 County: Ritchie Quadrangle: Cairo 7.5 275-
- 6) WELL OPERATOR Drilling Appalachian Corp. (DAC) 7) DESIGNATED AGENT Kenneth R. Mason
 Address Route 1, Box 51A Address Route 1, Box 51A
Cairo, WV 26337 14425- Cairo, WV 26337
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Samuel Hersman Name C. T. Drilling, Inc.
 Address P. O. Box 66 Address R.F.D. 1, Box 55-J
Smithville, WV 26178 Marietta, OH 45750
- 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, Injun
- 12) Estimated depth of completed well, 2100 feet
- 13) Approximate strata depths: Fresh, 160 2395 feet; salt, _____ feet.
- 14) Approximate coal seam depths: None 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	11 3/4	H-40	42#	X		30'	0		Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	J-55	20#	X		420' 350'	420' 350'	100 sacks	<u>CTS NEAT</u>
Production	4 1/2	J-55	10 1/2 #	X		2100'	2100'	85 sacks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-085-7388 Date May 31 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 May 31. 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>207</u>	<u>AIB</u>	<u>MM MM</u>	<u>MM MM</u>	<u>1392</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: Drilling & Production Corp. (DPC)
 ADDRESS: Route 1, Box 51A, Cairo, WV 26337
 WELL LOCATION: Kitchen, Grant, J, Silver Run
 NAME: Samuel Hester
 ADDRESS: P.O. Box 99, Starbuck, WV 26178
 NAME: C. T. Drilling, Inc.
 ADDRESS: R.F.D. 1, Box 55-1, Hartsfield, OH 45750
 TELEPHONE: 614-233-1442

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: _____



1) Date: May 10, 19 85
 2) Operator's Well No. McGINNIS #5
 3) API Well No. 47 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: 1142 Watershed: Silver Run
 District: Grant County: Ritchie Quadrangle: Cairo 7.5
- 6) WELL OPERATOR Drilling Appalachian Corp. (DAC) 7) DESIGNATED AGENT Kenneth R. Mason
 Address Route 1, Box 51A Address Route 1, Box 51A
Cairo, WV 26337 14425 Cairo, WV 26337
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Samuel Hersman Name C. T. Drilling, Inc.
 Address P. O. Box 66 Address R.F.D. 1, Box 55-J
Smithville, WV 26178 Marletta, OH 45750
- 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, Injun
 12) Estimated depth of completed well, 2100 feet
 13) Approximate strata depths: Fresh, 160 & 395 feet; salt, _____ feet.
 14) Approximate coal seam depths: None 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	1 3/4	H-40	42#	X		30'	0		Kinds
Fresh water									
Coal									Sizes
Intermediate	5/8	J-55	20#	X		20350'	20350'	100 sacks	ITS NEAT
Production	4 1/2	J-55	10 1/2#	X		2100'	2100'	85 sacks	
Tubing									Depths set
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: 207 AIB MW MW 1392, 19 _____

By Margaret J. Lesse
 Its _____

05/10/2024
 Coal Owner



DATE May 15, 1985

WELL NO. McGinnis #5

State of West Virginia API NO. 47 - 085 - 7388

Department of Mines
Oil and Gas Division



CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME D.A.C.

DESIGNATED AGENT Kenneth Mason

Address Rt. 1 Box 51A Cairo, W.V. 26352

Address Same

Telephone 628-3313

Telephone _____

LANDOWNER Paul R. McGinnis

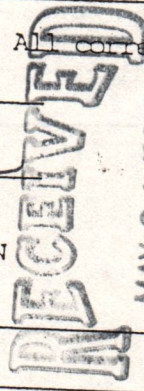
SOIL CONS. DISTRICT Little Kanawha

Revegetation to be carried out by D.A.C.

(Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 5/22/85 (Date)

Ronald L. Atkinson
(SCD Agent)



OIL & GAS DIVISION
DEPT. OF MINES

ACCESS ROAD

LOCATION

Structure Cross Drains (A)

Structure _____

Spacing See Sketch

Material _____

Page Ref. Manual 2-4

Page Ref. Manual _____

Structure Open Ditch (B)

Structure _____ (2)

Spacing See Sketch

Material _____

Page Ref. Manual 2-15

Page Ref. Manual _____

Structure 16" Culvert (C)

Structure _____ (3)

Spacing See Sketch

Material _____

Page Ref. Manual 2-8

Page Ref. Manual _____

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

Line _____ Tons/acre

Line _____ Tons/acre

or correct to pH 6.5

or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch Hay 2 Tons/acre

Mulch Hay 2 Tons/acre

Seed* Kv. 31 40 lbs/acre

Seed* Ky. 31 40 lbs/acre

Redtop 6 lbs/acre

Redtop 6 lbs/acre

Ladino Clover 3 lbs/acre

Ladino Clover 3 lbs/acre

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

PLAN PREPARED BY Bruce E. Doak

ADDRESS 293 Ash Circle

Davisville, WV 26142

PHONE NO. 485-4633

05/10/2024

NOTE: Please contact 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 Cairo 7.5'

LEGEND FOR ATTACHED TOPOGRAPHIC MAP

Well Site ⊕

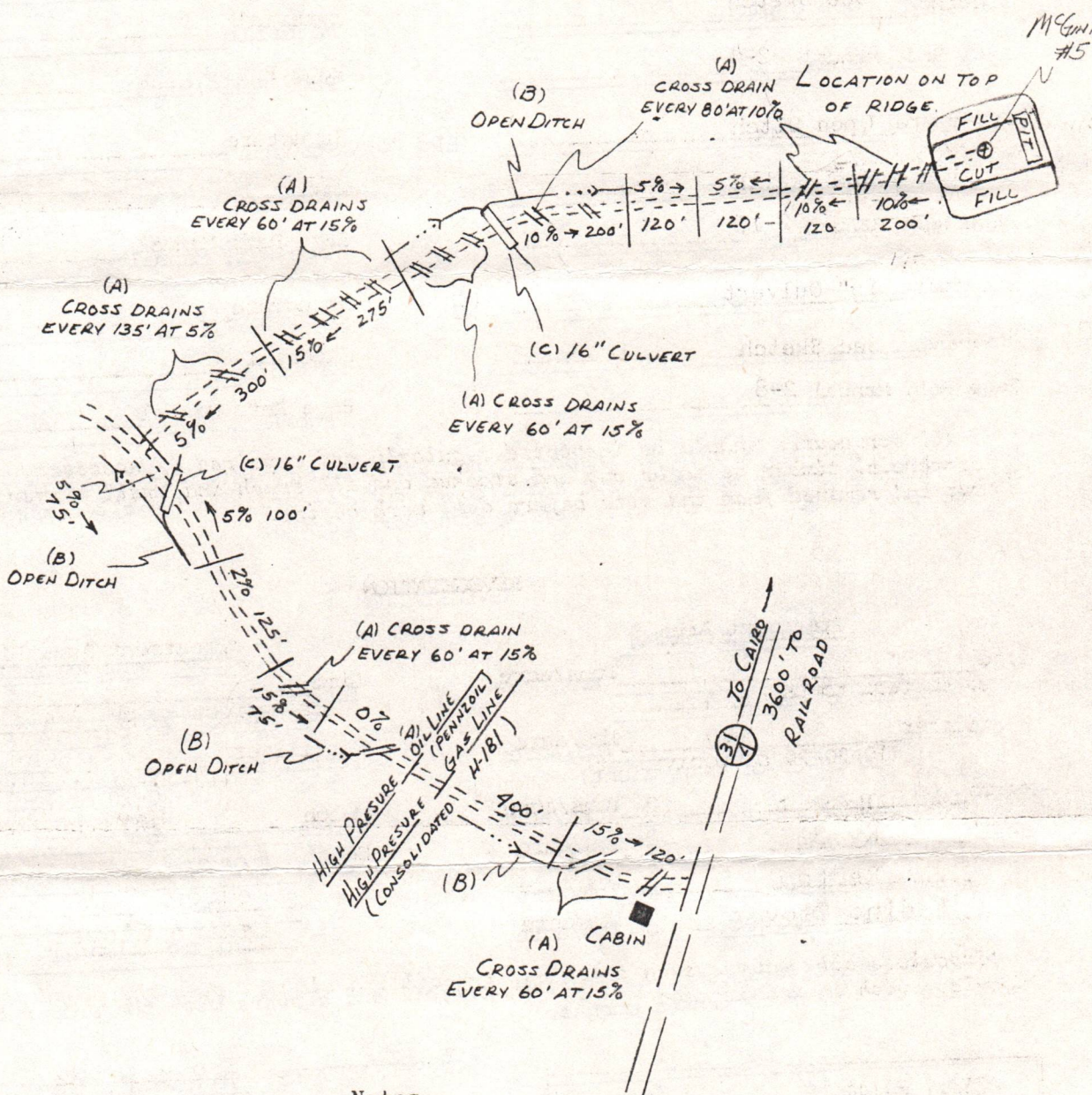
Access Road - - - - -

WELL SITE PLAN

Sketch to include well location, existing access roads, roads to be constructed, well site drilling pits and necessary structures numbered or lettered to correspond with the front page of this plan. All natural drainage and physical structures shown.

LEGEND

Property boundary	▲▲▲▲▲▲▲▲▲▲	Diversion ditch	
Roads (Existing or to be constructed will be stated)	=====	Spring	⊕
Existing fence	x x x x	Wet spot	⊙
Planned fence	- \ - \ - \ - \ -	Building	■
Stream	~~~~~	Drain pipe	→ ○ → ○ →
Open ditch	→ → → →	Waterway	~~~~~
		Culvert	== [] ==
		Cross drain	== [] ==



Notes

- 1) The access road is an existing farm. It and the County road will be maintained.
- 2) The location is in a wooded area. All trees 8" or larger will be cut and stacked. All others and brush will be piled or burned.
- 3) Both high pressure lines to be crossed will be well covered with dirt and stone to provide adequate protection.
- 4) All access road shown is on top of the ridge.
- 5) Location of the pit may not be correct. Exact location will be determined by the operator at the time of drilling.

05/10/2024



05/10/2024

1) Date: May 14, 1985
2) Operator's Well No. McGINNIS #5
3) API Well No. 47-083-7388
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 Paul R. McGinnis, Power of Attorney 5(i) COAL OPERATOR None
Address 2708 Emerson Avenue Address _____
Parkersburg, WV 26102
- (ii) Name _____ 5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Address _____ Name _____
Address _____
- (iii) Name _____ 5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Address _____ 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

Kenneth Mason
this 20th day of May, 1985.
My commission expires Nov. 8, 1987.

Stephen L. Simonson
Notary Public, Fitchie County,
State of West Virginia

WELL OPERATOR Drilling Appalachian Corporation
By Kenneth Mason
Its Executive Vice-President
Address Route 1, Box 51-A
Cairo, WV 26337
Telephone 304-628-3313

RECEIVED
MAY 24 1985

OIL & GAS DIVISION
DEPT. OF MINES

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.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(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>
E. H. McGinnis Heirs, Paul R. McGinnis, Pow. of Att.	D & D Ventures	5/32	176	875

(D&D Ventures to DAC)

05/10/2024



1) Date: May 10, 19 85
 2) Operator's Well No. McGINNIS #5
 3) API Well No. 47
 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: 1142 Watershed: Silver Run
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 Address Route 1, Box 51A Address Route 1, Box 51A
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- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Samuel Hersman Name C. T. Drilling, Inc.
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Tubing									
Liners									

RECEIVED
 MAY 24 1985
 OIL & GAS DIVISION
 DEPT. OF MINES

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

NAME: _____
 By _____
 Its _____ Date _____

(For execution by natural persons)

Paul R McGinnis Date: 5-22-85
 (Signature)
 _____ Date: _____
 (Signature)



**INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (**NOTE:** If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- “(1) The proposed well work will constitute a hazard to the safety of persons; or
- “(2) The plan for soil erosion and sediment control is not adequate or effective; or
- “(3) Damage would occur to publicly owned lands or resources; or
- “(4) The proposed well work fails to protect fresh water sources or supplies.”

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

OIL AND GAS RECLAMATION NOTICE

TO:

Name E. H. McGinnis, Sr., Heirs; Ruth Pauline Haga, Power of Attorney
Address Cairo, West Virginia 26337

Name _____
Address _____

Name _____
Address _____

Pursuant to West Virginia Code § 22B-2-5 , notice is hereby given that the undersigned well operator is commencing the reclamation of the surface disturbance caused by well work required by West Virginia Code § 22B-1-30 on the tract of land described as follows:

API Permit No. 47- 085 - 7388 ;
Acreage 112 acres ;
Watershed Silver Run ;
District Grant ;
County Ritchie ;
Public road access County Road 31/4 ;
Generally used farm name McGinnis .

This tract of land was utilized in connection with the well work authorized by the permit listed above issued by the Office of Oil and Gas of the West Virginia Department of Energy.

Any claim for oil and gas production damage compensation from the undersigned pursuant to Article 2, Chapter 22B of the Code must be made within two years of the publication of this notice.

WELL OPERATOR Drilling Appalachian Corporation

ADDRESS Route 1, Box 51A, Cairo, WV 26337

TELEPHONE 304-628-3313

RECEIVED
JUN 0 5 1986

DIVISION OF OIL & GAS
DEPT. OF ENERGY

RECEIVED
JUN 9 1982

DEPT. OF ENERGY
DIVISION OF OIL & GAS

05/10/2024

P 275 868 964

RECEIPT FOR CERTIFIED MAIL

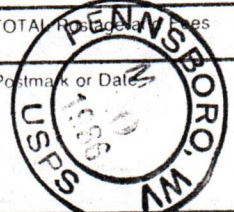
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

* U.S.G.P.O. 1985-480-794

PS Form 3800, June 1985

Sent to <i>Mrs Ruth Pauline Haga</i>	
Street and No	
P.O. State and ZIP Code <i>Cairo Va 26337</i>	
Postage	\$ <i>22</i>
Certified Fee	<i>75</i>
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	<i>70</i>
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ <i>147</i>
Postmark or Date	



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:
Mrs. Ruth Pauline Haga
Cairo, Va 26337

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	<i>P275868964</i>

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
X Ruth Pauline Haga

6. Signature - Agent
X

7. Date of Delivery
5/21/86

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

DOMESTIC RETURN RECEIPT

RECEIVED
JUN 05 1986

DIVISION OF OIL & GAS
DEPT. OF ENERGY

05/10/2024

RECEIVED
JUN 10 1982
DIVISION OF OIL & GAS
DEPT. OF ENERGY

05/10/2024



IV-35
Rev 8-81)

Date May 9, 1986

State of West Virginia
Department of Mines
Oil and Gas Division

Operator's Well No. McGinnis #5
Farm McGinnis
API No. 47 - 085 - 7388

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

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

LOCATION: Elevation: 1142' Watershed Silver Run
District: Grant County Ritchie Quadrangle Cairo 7.5'

COMPANY Drilling Appalachian Corporation (DAC)

ADDRESS Rt. 1, Box 51A, Cairo, WV 26337

DESIGNATED AGENT Kenneth Mason

ADDRESS Rte. 1, Box 51A, Cairo, WV 26337

SURFACE OWNER E.H. McGinnis Heirs,

ADDRESS Ruth Pauline Haga, Power of Attny, Cairo, WV 26337

MINERAL RIGHTS OWNER E. H. McGinnis Heirs

ADDRESS Cairo, WV 26337

OIL AND GAS INSPECTOR FOR THIS WORK Sam Hersman

P. O. Box 66 ADDRESS Smithville, WV 26178

PERMIT ISSUED May 31, 1985

DRILLING COMMENCED December 7, 1985

DRILLING COMPLETED December 9, 1985

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

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	420	420	To surface
7			
5 1/2			
4 1/2	2100	2100	135 sacks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Injun Depth 2100 feet

Depth of completed well 2100 feet Rotary / Cable Tools

Water strata depth: Fresh 175 feet; Salt feet

Coal seam depths: None Is coal being mined in the area? No

PRODUCING FORMATION DATA
Producing formation Injun Pay zone depth 2090 feet

Gas: Initial open flow 189,000 Mcf/d Oil: Initial open flow 0 Bbl/d

Final open flow 25,000 Mcf/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 570 psig (surface measurement) after 72 hours shut in

(If applicable due to multiple completion--)

Second producing formation Pay zone depth 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

Rif-7388

05/10/2024

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

Water frac

16 perforations, from 2092 to 1978.5

80/100 sand and 20/40 sand

500 gallons of 15% Hydrochloric acid to load the hole

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Soils and intermittent shales			0	1399	
1st and 2nd salt sands			1400	1745	80% calcite, no shows
Third Salt sand			1746	1810	Trace of fluorescence Calcite, rounded and coarse sand s
Intermittent shales			1811	1847	Predominantly Quartz
Maxon Sandstone			1848	1894	
Big Lime (Greenbrier)			1895	1985	40% fluorescences
Big Injun			1985	2094	Quartz, strong natural show of gas

(Attach separate sheets as necessary)

DRILLING APPALACHIAN CORPORATION

Well Operator

05/10/2024

By: Kenneth R. Mason

Date: Kenneth R. Mason May 9, 1986

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

✓ 1R-26
Obverse

INSPECTOR'S PERMIT SUMMARY FORM

5-31-85

WELL TYPE _____
ELEVATION 1142
DISTRICT GRANT
QUADRANGLE CAIRO 7.5
COUNTY RITCHIE

API# 47-085 - 7388
OPERATOR DRILLING APPALACHIAN CORP.
TELEPHONE _____
FARM PAUL MCGINNIS
WELL # MCGINNIS #5

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

DATE STARTED _____
LOCATION _____ NOTIFIED _____ DRILLING COMMENCED 12-6-85

WATER DEPTHS NONE - DUSTED HOLE, _____, _____, _____
COAL DEPTHS _____, _____, _____, _____

CASING
Ran 418 feet of 8 5/8" "pipe on 12-8-85 with 120 SACKS fill up
Ran 2121 feet of 4 1/2" "pipe on 12-10-85 with 135 SACKS fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
TD 2200 feet on 12-9-85

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

PLUGGING

JUN 17 1986

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____

Field analysis ph _____ fe _____ cl _____

Well Record received _____

Date Released 6-12-86

✓ Samuel N. Kersman 05/10/2024
Inspector's signature

API# 47 085 - 7388

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1	12-9-85		visit - pick up casing report	
2	5-23-86		visit - check reclamation	
3	6-12-86		Make final inspection	
4				
5				
6				
7				
8				
9				
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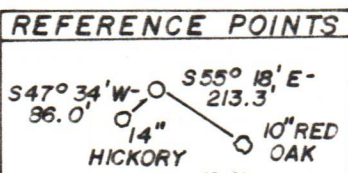
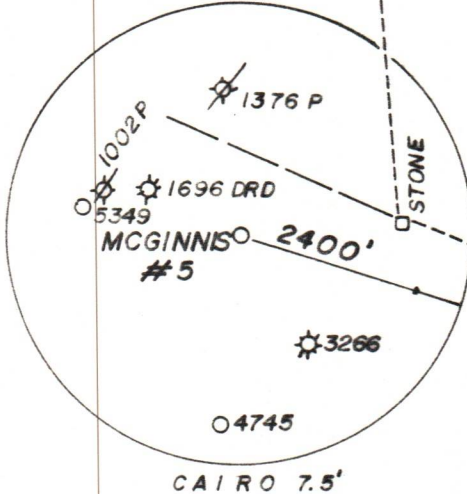
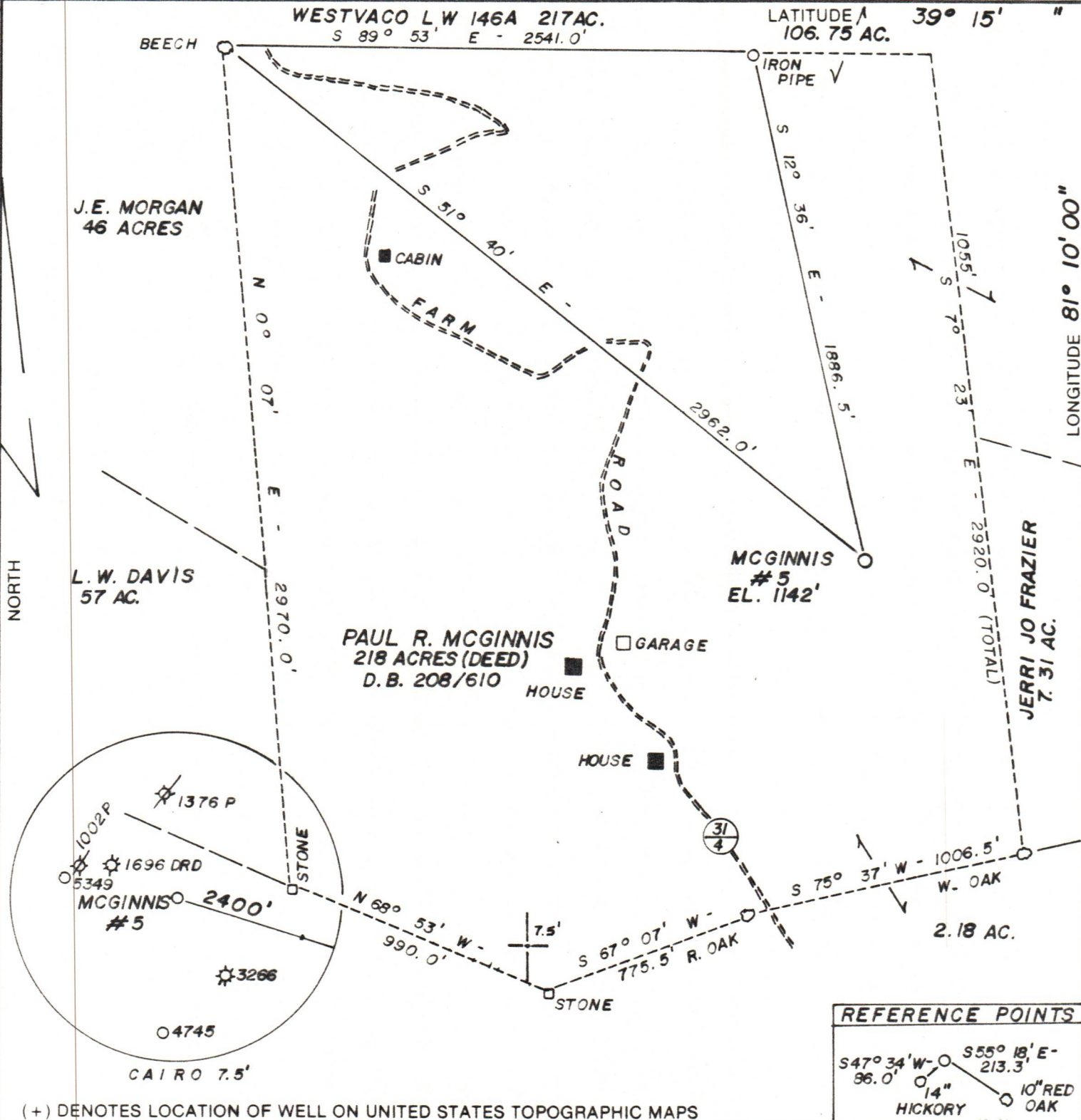
Notes

7711 5-31-85

8080'

WESTVACO L W 146A 217AC.
S 89° 53' E - 2541.0'

LATITUDE 39° 15' " N
LONGITUDE 106.75 AC. 100° 01' 18" "



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200'
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION
1036'

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) Paul K. Marshall
 R.P.E. _____ L.L.S. 580

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE MAY 15, 19 85
 OPERATOR'S WELL NO. MCGINNIS #5
 API WELL NO. _____

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

LOCATION: ELEVATION 1142' WATERSHED SILVER RUN
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE CAIRO 7.5'

SURFACE OWNER PAUL R. MCGINNIS ACREAGE 218 AC.
 OIL & GAS ROYALTY OWNER PAUL R. MCGINNIS LEASE ACREAGE 98 ACRES 05/10/2024
 LEASE NO. _____

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 GORDON ESTIMATED DEPTH 3000'
 WELL OPERATOR D.A.C. CORPORATION DESIGNATED AGENT KENNY MASON
 ADDRESS ROUTE #1, BOX 51-A ADDRESS SAME
CAIRO, WV 26357

FORM IV-6 (8-78) HT HALL

COUNTY NAME PERMIT