



1) Date: May 29, 19 84  
 2) Operator's Well No. Hedges #1  
 3) API Well No. 47 - 087 - 3891  
 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: 785' Watershed: Bear Run (LK31A)  
 District: Reedy County: Roane Quadrangle: Peniel
- 6) WELL OPERATOR Mark Resources Corp. 7) DESIGNATED AGENT John O. Kizer  
 Address Penn Center West, Bldg. 1 Address CT Corporation System, 1200  
Suite 220, Pittsburg, PA 15276 Charleston National Plaza,  
Charleston, WV 25301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR  
 Name Homer Daugherty Name Smith Drilling  
 Address Linden Route, Box 3A Address P.O. Box 150  
Looneyville, WV 25259 Lawrenceville, WV 26243
- 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, Gordon  
 12) Estimated depth of completed well, 3000' feet  
 13) Approximate trata depths: Fresh, 15'-45' feet; salt, 1584 feet.  
 14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes \_\_\_\_\_ / No
- 15) CASING AND TUBING PROGRAM

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 JUN 4 - 1984  
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 DEPT. OF MINES

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			40'		Kinds
Fresh water	8 5/8	K-55	24	x			300'		<u>CTS NEAT</u>
Coal	N/A								Sizes
Intermediate	N/A								
Production	4 1/2	K-55	9 1/2	x			3000'	<u>Cement as req. by rule 15.0</u>	Depths
Tubing	1 1/2	H-40	2 3/4	x			2400'		
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-087-3891 Date June 19, 19 84

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.  
 Permit expires June 19, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>C.D.</u>	Agent: <u>ls</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>6590</u> <u>1031</u>
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*2 checks*

[Signature]  
 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

1) WELL LOCATION: H (U) Gas Production, Elevation 775', District KEEDY, County QUINCY, State WV, Permit No. 12-00389

2) WELL OPERATOR: West Virginia Resources Corp., Address: 1000 Center Street, Suite 200, Pittsburgh, PA 15216

3) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: Homer Dougherty, Address: Linden House, Box 84, Booneville, WV 25229

4) PROPOSED WELL WORK: Drill, Log, Plug off old formation, Partial new formation

5) GEOLOGICAL TARGET INFORMATION: Estimated depth of completed well: 3000', Approximate true depth: 13'-45' feet, Approximate coal seam depth: 13'-45' feet, Coal being mined in the area: Yes

6) CASING AND TUBING PROGRAM: Casing or tubing type, Depth, Casing size, Casing weight, Tubing size, Tubing weight

CASING OR TUBING TYPE	DEPTH	CASING SIZE	CASING WEIGHT	TUBING SIZE	TUBING WEIGHT
Coal	0'	12 1/2"	48	12 1/2"	48
Intermediate	0' - 13'	8 5/8"	24	8 5/8"	24
Production	13' - 3000'	4 1/2"	25	4 1/2"	25
Tubing	13' - 3000'	4 1/2"	25	4 1/2"	25
Line	3000'	4 1/2"	25	4 1/2"	25

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:

Board	Agent	Print	Casing	Fee
CP				

09/15/2023

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 Page</u>
William R. Goff, Jr.	Cities Service Company	1/8th	150/287
G.F. Hedges, Jr.	Cities Service Company	1/8th	150/295
Joyce Depue	Cities Service Company	1/8th	150/319
Madeline V. Haught Depue	Cities Service Company	1/8th	150/311
Lee Neal Depue Pierpoint	Cities Service Company	1/8th	150/307
Betty Jans Goodwin	Cities Service Company	1/8th	150/299
Odra Depue Lester Fleming	Cities Service Company	1/8th	150/291
Martha Depue Weitzell	Cities Service Company	1/8th	150/315
Elizabeth B. Sprigg	Cities Service Company	1/8th	150/303

Mark Resources Corporation:  
Operator by Farmout Contract  
From Cities Service Company

09/15/2023

1) Date: May 29, 19 84  
2) Operator's Well No. Hedges #1  
3) API Well No. 47-087-3891  
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 G.F. Hedges, Jr.  
Address P.O. Box 16  
Spencer, West Virginia 25276
  - (ii) Name Charles F. Adams  
Address Parker, Colorado  
Gerald V. Adams Attorney-In-Fact
  - (iii) Name Elizabeth Jane Goodwin  
Address Conyers, Georgia  
Gerald V. Adams Attorney-In-Fact
  - (iv) Elizabeth B. Sprigg  
512 Laurel Drive  
Fairmont, W.V. 26554

- 5(i) COAL OPERATOR N/A  
Address \_\_\_\_\_
- 5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name N/A  
Address \_\_\_\_\_
- 5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name N/A  
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.

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JUN 4 - 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

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 John O. Kizer  
this 1st day of June, 1984.  
My commission expires 9-21, 1988.  
Reggie L. Cunningham  
Notary Public, Kanawha County,  
State of West Virginia

WELL OPERATOR Mark Resources Corporation  
By [Signature]  
Its Authorized Designated Agent  
Address P. O. Box 1951  
Charleston, W. Va. 25323  
Telephone (304) 343-4841

09/15/2023

RECEIVED  
NOV 15 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

G. F. HEDGES, JR. et ux - WELL #1  
REEDY DISTRICT, ROAN COUNTY, W.VA. - PERMIT #3891

SURFACE OWNERS:

Betty Jane Goodwin  
R.F.D.#7, Upper Smyrna Rd.  
Conyers, Georgia 30207

Elizabeth B. Sprigg  
512 Laurel Drive  
Fairmont, W.VA. 26554

William R. Goff, Jr.  
1705 Washington Avenue  
Parkersburg, W.VA. 26101

G. F. Hedges, Jr.  
P.O. Box 16  
Spencer, W.VA 25276

Charles F. Adams  
% G. F. Hedges, Jr.  
P.O. Box 16  
Spencer, W.VA. 25276

Gregory Adams  
% G. F. Hedges, Jr.  
P.O. Box 16  
Spencer, W.VA. 25276

INTEREST:

1/3 of 1/2 of 1/3

1/3

1/3

1/2 of 1/3

1/3 of 1/2 of 1/3

1/3 of 1/2 of 1/3

09/15/2023

G. F. HEDGES, JR. et ux - WELL #1  
REEDY DISTRICT, ROAN COUNTY, W.VA. - PERMIT #3891

**RECEIVED**  
NOV 15 1984

OIL, GAS, & COAL OWNERS:

INTEREST:

OIL & GAS DIVISION

1/20 & 1/140 **DEPT. OF MINES**

Odra DePue Lester Fleming  
% Robert DePue  
314 Market Street  
Spencer, W.VA. 25276

1/20 & 1/140 OG

Mardell DePue Cottle  
% Robert DePue  
314 Market Street  
Spencer, W.VA. 25276

1/20 & 1/140 OG

Martha Weitzel  
Luau Manor, Apt. #507  
2230 Chopline Street  
Wheeling, W.VA. 26003

1/20

Madeline V. (Haught) DePue  
3608 Stella Street  
Parkersburg, W.VA. 26101

1/20 & 1/140 OG

Robert DePue  
314 Market Street  
Spencer, W.VA. 25276

1/20

Joyce DePue  
3132 Sycamore Street  
Canton, OH. 44707

1/20 & 1/140 OG

Imogene (DePue) Board  
% Robert DePue  
314 Market Street  
Spencer, W.VA. 25276

1/20 & 1/140 OG

Rosaline (DePue) Pierpoint  
611 Rebecca Street  
New Martinsville, W.VA. 26155

1/12 OG

G. F. Hedges, Jr.  
P.O. Box 16  
Spencer, W.VA. 25276

1/36 OG

Gregory Adams  
% G. F. Hedges, Jr.  
P.O. Box 16  
Spencer, W.VA. 25276

1/36 OG

Betty Goodwin  
R.D.#7, Upper Smyrna Road  
Conyers, Georgia 30207

1/36 OG

Charles Adams  
% G. F. Hedges, Jr.  
P.O. Box 16  
Spencer, W.VA. 25276

1/6 OG

William R. Goff, Jr.  
1705 Washington Avenue  
Parkersburg, W.VA. 26101

1/6 OG

Elizabeth Sprigg  
512 Laurel Drive  
Fairmont, W.VA 26554

09/15/2023

ATTACH OR PHOTOCOPY SECTION INVOLVED TOPOGRAPHIC MAP. QUADRANGLE

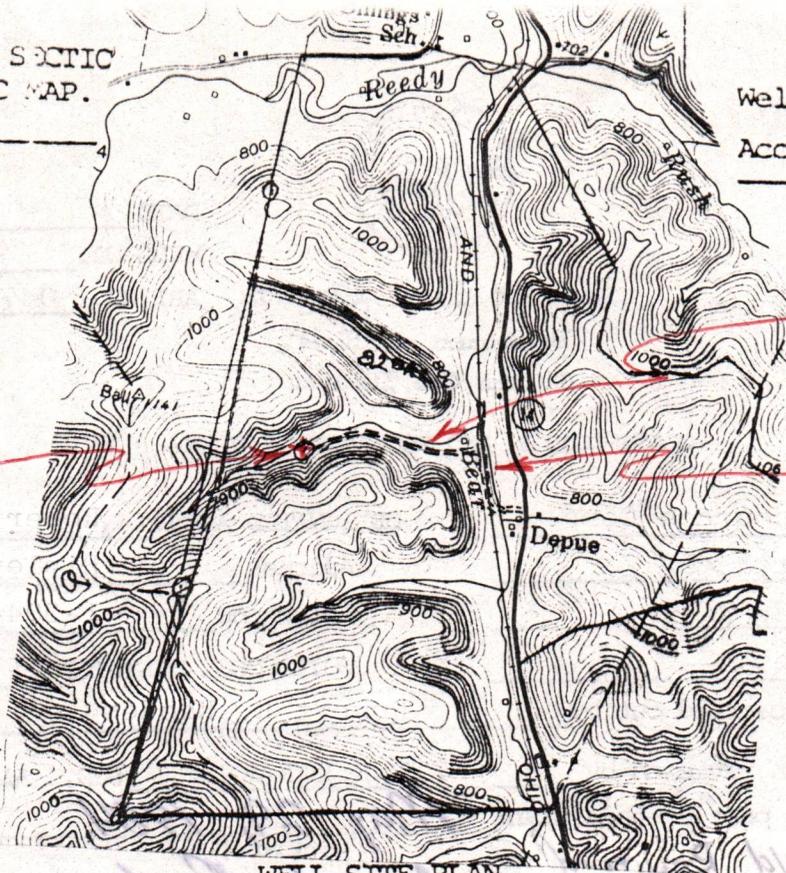
LEGEND

Well Site   
 Access Road 

PROPOSED WELL #1

PROPOSED ACCESS ROAD - 1800'

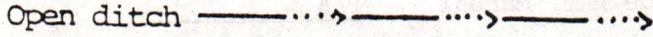
EXISTING 1000' OF ROAD

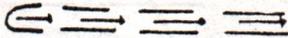


WELL SITE PLAN

Sketch 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.

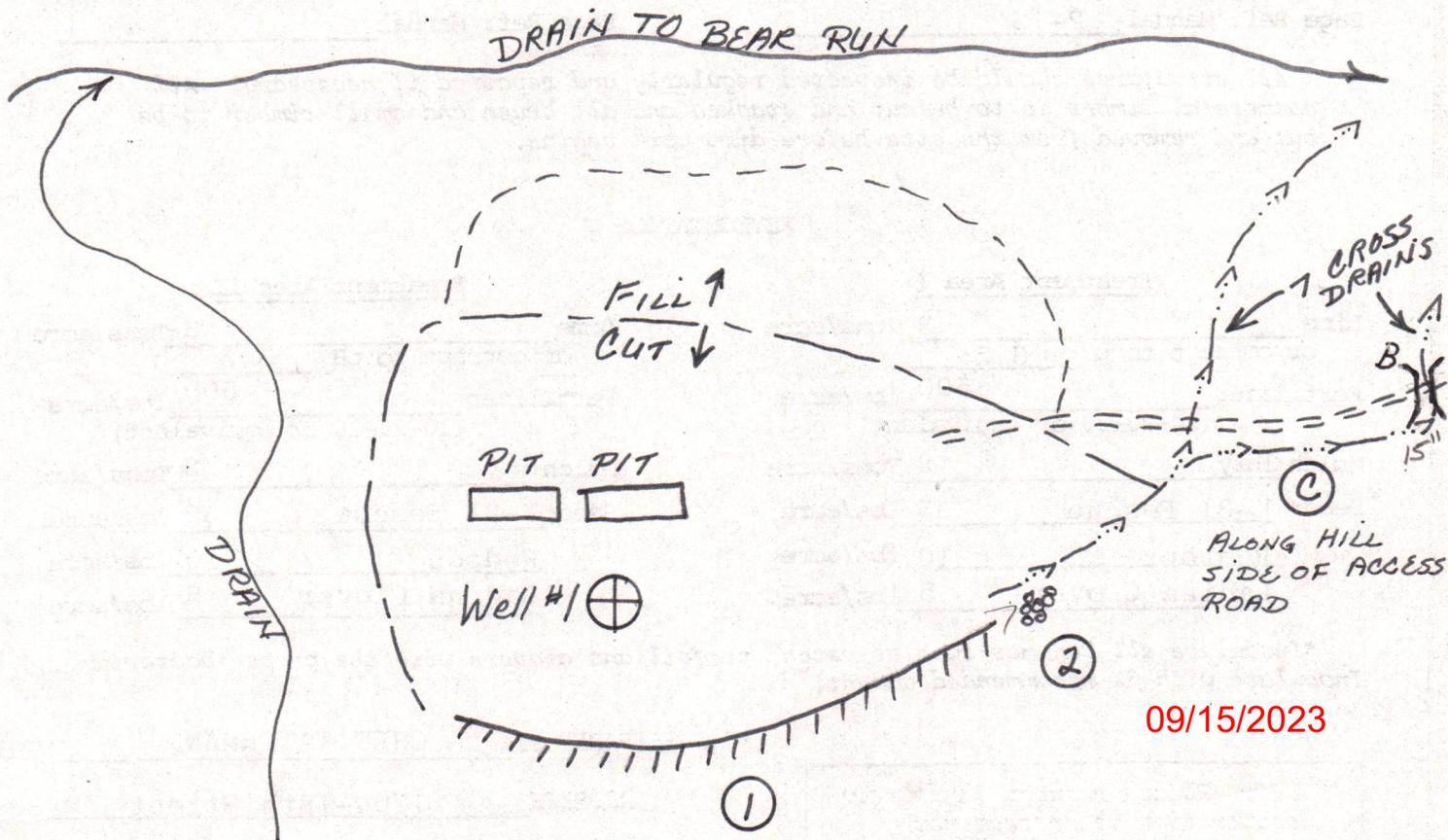
LEGEND

Property boundary   
 Road   
 Existing fence   
 Planned fence   
 Stream   
 Open ditch 

Diversion   
 Spring   
 Wet spot   
 Building   
 Drain pipe   
 Waterway 

ACCESS ROAD GRADE  $\frac{2}{100}$  %  
 ROAD BANKS 2:1 SLOPE

LOCATION GRADE = 1% INTO DIVERSION DITCH



09/15/2023

TREES TO BE CUT AND STACKED. BRUSH TO BE DISPOSED OF BEFORE EARTHWORK BEGINS. REVEGETATION TO BE COMPLETED WITHIN SIX MONTHS OF WELL COMPLETION.



IV-9  
(Rev 8-81)

DATE 5/24/84  
WELL NO. 1  
API NO. 047-087-3891

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Mark Resources Corp. DESIGNATED AGENT John O. Kizer  
Address Pittsburgh, PA Address Charleston, WV  
Telephone 1-412-788-1340 Telephone 1-304-343-4841  
LANDOWNER E. Hedges SOIL CONS. DISTRICT Little Kanawha  
Revegetation to be carried out by John O. Kizer (Agent)

This plan has been reviewed by LITTLE KANAWHA SCD. All corrections  
and additions become a part of this plan: May 29, 1984  
(Date)

Janett Newton  
(SCD Agent) *CLM.*

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JUN 4 - 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

ACCESS ROAD GRADE 2 % LOCATION

Structure <u>Cross drains (7)</u> (A)	Structure <u>Temporary Diversion Ditch (1)</u>
Spacing <u>250' Apart</u>	Material <u>Soil</u>
Page Ref. Manual <u>2-4</u>	Page Ref. Manual <u>2-12</u>
Structure <u>Culvert</u> (B)	Structure <u>Rip Rap (2)</u>
Spacing <u>15" Minimum</u>	Material <u>Rock</u>
Page Ref. Manual <u>2-7</u>	Page Ref. Manual <u>N/A</u>
Structure <u>Open Ditch</u> (C)	Structure _____ (3)
Spacing <u>Along side of access road</u>	Material _____
Page Ref. Manual <u>2-12</u>	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

<u>Treatment Area I</u>	<u>Treatment Area II</u>
Lime <u>3 Tons/acre</u> or correct to pH <u>6.5</u>	Lime <u>3 Tons/acre</u> or correct to pH <u>6.5</u>
Fertilizer <u>500 lbs/acre</u> (10-20-20 or equivalent)	Fertilizer <u>500 lbs/acre</u> (10-20-20 or equivalent)
Mulch <u>Hay 2 Tons/acre</u>	Mulch <u>Hay 2 Tons/acre</u>
Seed* <u>K-31 Fescue 35 lbs/acre</u>	Seed* <u>K-31 Fescue 35 lbs/acre</u>
<u>Redtop 10 lbs/acre</u>	<u>Redtop 10 lbs/acre</u>
<u>Ladina Clover 5 lbs/acre</u>	<u>Ladina Clover 5 lbs/acre</u>

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

PLAN PREPARED BY CHET WATERMAN 09/15/2023  
ADDRESS 1704-18th Street  
Parkersburg, WV 26101  
PHONE NO. 428-5715

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

FOR TREASURER'S OFFICE USE ONLY

FOR TREASURER'S OFFICE USE ONLY

TREASURER'S OFFICE

STATE OF WEST VIRGINIA

(Date Received)

(Date Posted)

460

NO. (Agency Use Only)

NAME OF SPENDING AGENCY: Dept. Mines-Office of Oil & Gas

PREPARED BY: Charlotte Milam EXT. 2055 DATE PREPARED October 10, 1984

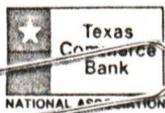
(SECTION A)

Table with columns: AGENCY COMMENTS, TYPE, DESCRIPTION, AMOUNT. Includes details for Cashier's Ck. # A 023319 and a list of transaction types like CASH, CHECKS, DIRECT WIRES, etc.

(SECTION B)

REVENUES ONLY

Table with columns: Account No., Line Item, Fund No., Account Totals. Shows account 0901-16-550 with a total of \$10,000.00.



HOUSTON, TEXAS 77252 Member FDIC

CASHIER'S CHECK

A 023319

35-60 1130

DATE June 5, 1984

REMITTER Mark Resources Corp

\$10,000.00

PAY TO THE ORDER OF West Virginia Department of Mines

The sum of 10,000 dollars and 00 cents

A 60 day waiting period and a double indemnifying Bond is required to replace this check.

Sue Carr AUTHORIZED SIGNATURE

⑈023319⑈

⑆113000609⑆

⑈199⑈9796⑈

09/15/2023

SUB-TOTAL

ORIGINAL-STATE TREASURER GREEN-STATE AUDITOR YELLOW-FIN. & ADM. PINK-SPENDING AGENCY GOLDENROD-SPENDING AGENCY

GRAND TOTAL (ALL SOURCES)

\$10,000.00

P 628 761 845

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982  
\* U.S.G.P.O. 1983-403-517

Sent to Gregory Adams	
Street and No. % G.F. Hedges, Jr. P.O. Box 16	
P.O., State and ZIP Code Spencer, WVA 25276	
Postage	\$ .37
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 1.12
Postmark or Date	NOV 6 1984 MONTOUR, PA

P 628 761 844

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982  
\* U.S.G.P.O. 1983-403-517

Sent to Charles F. Adams	
Street and No. % G.F. Hedges, Jr. P.O. Box 16	
P.O., State and ZIP Code Spencer, WVA 25276	
Postage	\$ .37
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 1.12
Postmark or Date	NOV 6 1984 MONTOUR, PA

RECEIPT FOR CERTIFIED MAIL

P 628 761 846

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982  
\* U.S.G.P.O. 1983-403-517

Sent to Office of Oil & Gas W.Va. Dept. of Mines 1613 Washington St., E.	
P.O., State and ZIP Code Charleston, WVA 253116	
Postage	\$ .60
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 1.35
Postmark or Date	NOV 9 1984 MONTOUR, PA

09/15/2023

P 628 761 841

RECEIPT FOR CERTIFIED MAIL

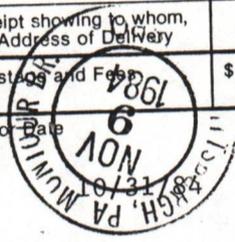
NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

Sent to Elizabeth B. Sprigg	
Street and No. 512 Laurel Drive	
P.O., State and ZIP Code Fairmont, W.VA. 26554	
Postage	\$ .37
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 1.12

PS Form 3800, Feb. 1982



A12

P 628 761 840

RECEIPT FOR CERTIFIED MAIL

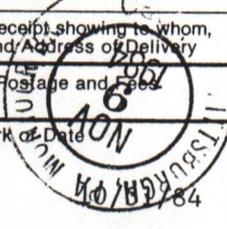
NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

Sent to Betty Jane Goodwin	
Street and No. R.F.D.#7, Upper Smyrna Rd.	
P.O., State and ZIP Code Conyers, Georgia 30207	
Postage	\$ .37
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 1.12

PS Form 3800, Feb. 1982



P 628 761 842

RECEIPT FOR CERTIFIED MAIL

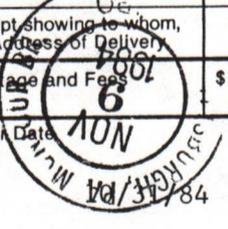
NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

Sent to William R. Goff, Jr.	
Street and No. 1705 Washington Avenue	
P.O., State and ZIP Code Parkersburg, W.VA. 26101	
Postage	\$ .37
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 1.12

PS Form 3800, Feb. 1982



P 628 761 843

RECEIPT FOR CERTIFIED MAIL

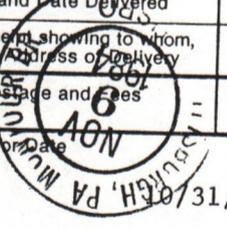
NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

Sent to G. F. Hedges, Jr.	
Street and No. P.O. Box 16	
P.O., State and ZIP Code Spencer, WVA 25276	
Postage	\$ .37
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 1.12

PS Form 3800, Feb. 1982



09/15/2023

B7

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

Perfed @ 2299, 2301, 2315, 2322, 2323, 2329, 2330, 2331, 2332.  
Fraced with 40,000 lbs of 20/40 sand and 204 Bbls of fluid on 7/25/84.  
Breakdown = 3500 psi, avg. treating pressure = 3000 psi  
ISIP = 2000 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
Sand & shale			0	280	Note = hole drilled on fluid
Sand			280	310	
Shale with STST			310	413	
Sand			413	435	
Shale			435	500	
Sand			500	532	
Siltstone			532	630	
Sand			630	673	
Shale			673	690	
Sand			690	705	
Interbedded SS, SH & STST			705	1000	
Sand			1000	1145	
Shale			1145	1235	
Sand			1235	1400	
Shale & STST			1400	1490	
Sand & STST			1490	1650	
Salt sands			1650	1864	Slight show of oil
Big Lime			1864	1984	
Big Injun			1984	1994	
Shale			1994	2318	
"Weir" Fm (STST)			2318	2350	Show of oil
Coffee Shale			2350	2404	Show of oil
Siltstone			2404	2688	(Berea absent)
Gordon (STST)			2688	2726	
Siltstone & shale			2726	T.D.	
					T.D. = 3,000'

(Attach separate sheets as necessary)

Mark Resources Corporation  
Well Operator

By:

*John A. [Signature]*

John A. 09/15/2023

Date: October 30, 1984

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."

IV-35  
(Rev 8-81)

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NOV - 5 1984



State of West Virginia

Department of Mines

Oil and Gas Division

Date 10/30/84  
Operator's  
Well No. #1  
Farm G.F. Hedges  
API No. 47 - 087 - 3891

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OIL & GAS DIVISION  
DEPT. OF MINES

NOV 15 1984

WELL OPERATOR'S REPORT  
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

OIL & GAS DIVISION

DEPT. OF MINES

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

LOCATION: Elevation: 816' Watershed Bear Run  
District: Reedy County Roane Quadrangle Peniel 7.5

COMPANY Mark Resources Corporation

ADDRESS Penn Center West, Pittsburgh, PA 15276

DESIGNATED AGENT John O. Kiser  
CT Corp. System, 1200 Charleston National

ADDRESS Plaza, Charleston, WV 25301

SURFACE OWNER See attached sheet

ADDRESS   

MINERAL RIGHTS OWNER See attached sheet

ADDRESS   

OIL AND GAS INSPECTOR FOR THIS WORK Homer

Dougherty ADDRESS Linden Route, Box 3A

PERMIT ISSUED 6/19/84

DRILLING COMMENCED 6/29/84

DRILLING COMPLETED 7/10/84

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	310'	310'	210 sx
7			
5 1/2			
4 1/2	2403	2403	85 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Gordon Depth 3000' feet

Depth of completed well 3000' feet Rotary X / Cable Tools top hole

Water strata depth: \* Fresh N/A feet; Salt N/A feet

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

\* Not available - hole drilled on fluid.

OPEN FLOW DATA

Producing formation Weir Pay zone depth 2318 feet

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

Final open flow show Mcf/d Final open flow 1 1/2 Bbl/d

Time of open flow between initial and final tests 19 hours DAYS

Static rock pressure 375 psig (surface measurement) after 68 hours shut in  
(If applicable due to multiple completion--)

Second producing formation N/A 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

(Continue on reverse side)

ROANE 5051

B3

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

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JUL - 5 1984

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 087-3891

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>Mark Resources Corp</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Pittsburg, Pa.</u>	Size			
Farm <u>Depue Heirs</u>	16			Kind of Packer _____
Well No. <u>Hedges #1</u>	13			
District <u>Reedy</u> County <u>Roane</u>	10			Size of _____
Drilling commenced <u>6/29/84</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Jim Smith water Well Service Spudders  
 Remarks: 6/29/84 inspected construction on location & Road.  
Mark Resources moved water well spudders on location  
to start 11" hole to Hold lease. Clint Hurt will move on  
Rotary 7/3/84 possibly. Spudders will drill until Rotary  
is ready to move on. Met & talked to Mel Miser of  
6/29/84 Mark Resources Corp. Homes Hill, Roane  
 DATE

09/15/2023  
DISTRICT WELL INSPECTOR



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JUL - 9 1984

84

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

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 087-3891

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>Mark Resources Corp</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Pittsburg, Pa.</u>	Size			
Farm <u>Deve Heis</u>	16			Kind of Packer
Well No. <u>Hedges #1</u>	13			
District <u>Reedy</u> County <u>Roane</u>	10			Size of
Drilling commenced <u>6/29/84</u>	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs. _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Jim Smith

Remarks: 7/1/84 Jim Smith Waters Well drilling Spudders  
Guy Randolph who has surface leased to farm  
 Called complaining about dozer grading road from St. Rt. #14  
 into farm. Called Mel Mises of Mark Resources  
 and asked him to Rock drive way.  
7/2/84 Inspected drive way road is soft after being grade  
 Talked to Mr. Randolph. He is upset & did not want road  
7/2/84 graded.

Homer H. [Signature]  
DISTRICT WELL INSPECTOR

09/15/2023



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

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JUL 17 1984

OIL & GAS DIVISION  
INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 087-3891

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Mark Resources Corp.  
 Address Pittsburg, Pa.  
 Farm Depue Hairs  
 Well No. Hedges #1  
 District Rady County Roane  
 Drilling commenced 6/29/84  
 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 <sup>5</sup> / <sub>8</sub>		300	
6 <sup>5</sup> / <sub>8</sub>			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8 <sup>5</sup>/<sub>8</sub> SIZE 300 No. FT. 7/5/84 Date  
 NAME OF SERVICE COMPANY Dowell  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names Jack McCroskey Pusher Bobby Shaffer  
Clint Hurt Rig # 3

Remarks: 7/15/84 Ran 300 ft of 8 <sup>5</sup>/<sub>8</sub>" surface pipe and cemented with 210 sacks of neat 3% C.C. & 1/4 lb. of flocc. Plug down 8:15 P.M. by Dowell.  
7/10/84 2964 ft deep drilling on fluid with 6 <sup>1</sup>/<sub>4</sub>" Bit.

7/10/84  
DATE

Homer H. Douglas  
 DISTRICT WELL INSPECTOR  
 091512023



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

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OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 087-3891

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Mark Resources Corp  
 Address Pittsburg, Pa.  
 Farm Depue Heirs  
 Well No. Hedges #1  
 District Reedy County Roane  
 Drilling commenced 6/29/84  
 Drilling completed 7/10/84 Total depth 3000  
 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 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names Status Report

Remarks: Inspected reclamation on Road & Location  
10/17/84 Location & Road have been reclaimed, seeded, and mulched. grass just starting to grow. Pit was left on location but fenced to protect from livestock.  
 More service work to be done or well may be plugged pit will be needed.

10/17/84  
DATE

Homer H. Dougherty  
 DISTRICT WELL INSPECTOR



B7

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

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MAY 15 1985

INSPECTOR'S PLUGGING REPORT & GAS DIVISION

DEPT. OF MINES

Permit No. 087-3891-P

Well No. Hedges #1

COMPANY Mark Resources Corp. ADDRESS Pittsburg, Pa.  
FARM G. F. Hedges DISTRICT Reedy COUNTY Boane

Filling Material Used Cement + Gel By Dowell

Liner			Location	Amount	Packer	Location	
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST
Cement	303 ft.	25SK.	2403 Back to 2100		18'25"	4 1/2"	578
Gel			2100 " " 18'25"			8'8"	310
Cement	275 ft.	79SK.	18'25 " " 1550				
Gel			1550 " " 400				
Cement	400 ft.	101SK.	400 " " 0				
		Used	1400 lb. of Gel				

Drillers' Names Doug Moss & John Shingleton of Mark Res.

5/6/85 Ran 303 ft. Bottom hole plug 2403 Back to 2100 ft.  
Remarks: Buckeye logging cut 4 1/2" at free point at 18'25 ft.  
Spotted plug 18'25 back to 1550 through 4 1/2" after getting hole  
Pulled 4 1/2" Back to 400 ft & run 400 ft plug to surface  
Pulled 4 1/2" out & erected monument.

5/7/85 Inspected Reclamation on Location. Location  
Backfilled & pit filled. Dyer Working on Road.

5/6/85 I hereby certify I visited the above well on this date.

DATE  
5/7/85

Homer H. Dougherty  
DISTRICT WELL INSPECTOR

09/15/2023

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MAY 1 1981

OIL & GAS DIVISION

DEPT. OF MINES

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

INSPECTOR'S WELL REPORT

Permit No. \_\_\_\_\_

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ Drilling commenced _____ 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			Kind of Packer _____
	16			
	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 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks:

1) Date: 10/30, 19 84  
2) Operator's G.F. Hedges #1  
Well No. 47 - 087 - 3891-P  
3) API Well No. 47 State            County            Permit           



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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON A WELL

- 4) WELL TYPE: A Oil X / Gas            / Liquid injection            / Waste disposal             
B (If "Gas", Production            / Underground storage)            / Deep            Shallow           )
- 5) LOCATION: Elevation: 816 Watershed: Bear Run  
District: Reedy County: Roane Quadrangle: Peniel 7 1/2'
- 6) WELL OPERATOR Mark Resources Corporation 30275 7) DESIGNATED AGENT John O. Kiser  
Address Penn Center West, Bldg. II, Ste 224 Address CT Corporation System  
Pittsburgh, PA 15276 1200 Charleston Plaza
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) PLUGGING CONTRACTOR Charleston, WV 25301  
Name Homer Dougherty Name Dowell  
Address Linden Route, Box 3A Address Glenville, WV  
Looneyville, WV 25259

10) WORK ORDER: The work order for the manner of plugging this well is as follows:

- Swab hole dry
- Determine free point of 4 1/2" casing - shoot off & recover
- Run 2 3/8" work string in hole, spot gel on bottom
- Spot 50 sack plug over perfed zone, 50 sack plug over top of 4 1/2 casing, 50 sack plug over base of 8 5/8" casing, and 10 sack plug at surface.
- Erect monument.

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NOV 15 1984

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NOV - 5 1984

OIL & GAS DIVISION  
DEPT. OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

OFFICE USE ONLY  
PLUGGING PERMIT

Permit number 47-087-3891-P

December 3 19 84  
Date

This permit covering the well operator and well location shown below is evidence of permission granted to plug 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 24 hours before actual permitted work has commenced.**

The permitted work is as described in the Notice and Application, plat, subject to any modifications and conditions on the reverse hereof.

Permit expires December 3, 1986 unless plugging is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>198</u>	<u>MU</u>	<u>MU</u>	<u>MU</u>	<u>NF</u>

Margaret J. Wasse  
Administrator, Office of Oil and Gas

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

File

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

09/15/2023

OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED PLUGGING

APPLICATION FOR A PERMIT TO PLUG AND ABANDON A WELL

WELL TYPE: A OR X, LOCATION: ...

OFFICE USE ONLY

This part of Form IV-4(b) is to record the dates of certain occurrences and any follow-up inspections.

Table with columns: Date, Application received, Plugging started, Plugging completed, Well Record received, Follow-up inspection(s)

OTHER INSPECTIONS

Reason: ...

Signature and date area

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 § 22-4-1m(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.

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and two copies of the Application must be filed with the Administrator, accompanied by (i) an original and four copies of the Notice, (ii) an original and four copies of a plat in the form prescribed by Regulation 11, and (iii) a bond in one of the forms prescribed by Regulation 2, or in lieu thereof the other security allowed by Code § 22-4-9.

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 and 22-4-9.



09/15/2023

B9



1) Date: 10/30 1984  
2) Operator's Well No. G.F. Hedges #1  
3) API Well No. 47 - 087 - 3891  
State County Permit

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS, DEPARTMENT OF MINES  
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) SURFACE OWNER(S) OF RECORD TO BE SERVED  
(i) Name See attached sheet  
Address \_\_\_\_\_  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5 (i) COAL OPERATOR N/A  
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 N/A  
Address \_\_\_\_\_

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

- (1) The Application to Plug and Abandon a Well on Form IV-4(B), which sets out the parties involved in the work, and describes the well and its location and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form IV-6.

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-4(B)) 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 Permit to plug and abandon a well with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to the well at the location described on the attached Application and depicted on the attached Form IV-6. Copies of this Notice, the Application, and the plat 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.

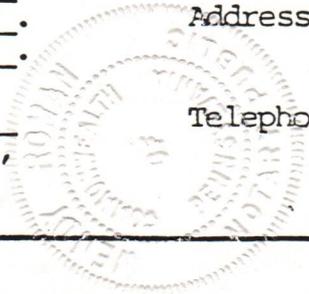
The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

JOHN A GREGG JR. VP OF OPERATIONS  
this 31st day of October, 1984  
My commission expires July 7, 1986

Wendy Roman  
Notary Public, Allegheny County,  
State of Pennsylvania

WELL OPERATOR Mark Resources Corporation  
By [Signature]  
Its Vice President of Operations

Address Penn Center West  
Building II, Suite 224,  
Pittsburgh, PA 15276  
Telephone (412) 788-1340



**RECEIVED**

JUN 18 1985

AFFIDAVIT OF PLUGGING AND FILLING WELL

OIL & GAS DIVISION  
DEPT. OF MINES

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

MARK RESOURCES CORPORATION

Coal Operator or Owner \_\_\_\_\_  
Address \_\_\_\_\_

Coal Operator or Owner \_\_\_\_\_  
Address \_\_\_\_\_

G.F. Hedges \_\_\_\_\_  
Lease or Property Owner \_\_\_\_\_  
Address \_\_\_\_\_

Name of Well Operator  
Penn Center West - Bldg. II - Suite 224  
Pittsburgh, PA 15276  
Complete Address \_\_\_\_\_

June 1 \_\_\_\_\_ 19 85

WELL AND LOCATION

Reedy \_\_\_\_\_ District \_\_\_\_\_

Roane \_\_\_\_\_ County \_\_\_\_\_

WELL NO. 1

Hedges \_\_\_\_\_ Farm \_\_\_\_\_

STATE INSPECTOR SUPERVISING PLUGGING Homer Dougherty

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Roane

ss:

J.W. Shingleton and Mel Miser

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by MARK RESOURCES, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 6th day of May, 19 85, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
2403' back to 2100'	25 SX "A"	303'	1825	578-4 1/2"
2100' back to 1825'	gel	275'		310'-8 5/8"
1825' back to 1550'	79 SX "A"			
1550' back to 400'	gel	400'		
400' back to surface (0)	120 SX "A"			
Coal Seams		Description of Monument		
(Name)		5' x 4 1/2" casing with marker plate		
(Name)				
(Name)				
(Name)				

and that the work of plugging and filling said well was completed on the 6th day of May, 19 85.

And further deponents saith not.

J.W. Shingleton

Sworn to and subscribed before me this 6th day of June, 19 85.

Sharon L. Hillkirk  
Notary Public

My commission expires:

ROANE 3891-P





RECEIVED  
SEP 17 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

State of West Virginia

Department of ~~Mines~~ *Energy*

Oil and Gas Division

Charleston 25305

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT

November 30, 1984

COMPANY Mark Resources Corporation

PERMIT NO 087-3891

Penn Center, Bldg. 1, Ste 220

FARM & WELL NO G. F. Hedges #1

Pittsburgh, Pennsylvania 15276

DIST. & COUNTY Reedy/Roane

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.04	Prepared before Drilling to Prevent Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.03	High-Pressure Drilling	<input type="checkbox"/>	<input type="checkbox"/>
16.01	Required Permits at Wellsite	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.03	Adequate Fresh Water Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.02	Adequate Coal Casing	<input type="checkbox"/>	<input type="checkbox"/>
15.01	Adequate Production Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.04	Adequate Cement Strength	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.05	Cement Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.02	Maintained Access Roads	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.01	Necessary Equipment to Prevent Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.04	Reclaimed Drilling Pits	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.05	No Surface or Underground Pollution	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.07	Requirements for Production & Gathering Pipelines	<input type="checkbox"/>	<input type="checkbox"/>
16.01	Well Records on Site	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.02	Well Records Filed	<input type="checkbox"/>	<input type="checkbox"/>
7.05	Identification Markings	<input type="checkbox"/>	<input type="checkbox"/>

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Homer H. Dougherty

DATE 9/13/85

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

Administrator-Oil & Gas Division

DATE

09/15/2023

RECEIVED  
NOV 7 1952



DEPARTMENT OF ENERGY  
DIVISION OF OIL & GAS

Office of the Director  
Department of Energy and Gas  
Washington, D.C.

TO: [Illegible]  
FROM: [Illegible]

[Illegible body text]

[Illegible body text]

[Illegible body text]



RECEIVED  
SEP 17 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

State of West Virginia  
Department of Energy  
Oil and Gas Division  
Charleston 25311  
FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
July 16, 1985

COMPANY Mark Resources Corporation  
Penn Center West, Bldg. II, Ste 224  
Pittsburgh, Pennsylvania 15276

PERMIT NO 087-3891-P (12-03-84)  
FARM & WELL NO G. F. Hedges #1  
DIST. & COUNTY Reedy/Roane

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to Starting Work	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.01	Required Permits at Wellsite	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17.02	Method of Plugging	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18.01	Materials used in Plugging	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.02	Maintained Access Roads	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.01	Necessary Equipment to Prevent Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.04	Reclaimed Drilling Pits	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.05	No Surface or Underground Pollution	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17.06	Statutory Affidavit	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.06	Parties Responsible	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.05	Identification Markings	<input checked="" type="checkbox"/>	<input type="checkbox"/>

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Homer H. Dougherty  
DATE 9/13/85

Your Affidavit of Plugging was received and reclamation requirements approved. The well designated by the above permit number has been released under your bond.

T. H. ...  
Director- Division of Oil & Gas  
September 19, 1985  
DATE

09/15/2023



1) Date: 10/30, 19 84  
2) Operator's Well No. G.F. Hedges #1  
3) API Well No. 47 - 087 - 3891-P  
State County Permit

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON A WELL

- 4) WELL TYPE: A Oil X / Gas \_\_\_\_\_ / Liquid injection \_\_\_\_\_ / Waste disposal \_\_\_\_\_ /  
B (If "Gas", Production \_\_\_\_\_ / Underground storage) \_\_\_\_\_ / Deep \_\_\_\_\_ Shallow \_\_\_\_\_ /)
- 5) LOCATION: Elevation: 816 Watershed: Bear Run  
District: Reedy County: Roane Quadrangle: Peniel 7 1/2'
- 6) WELL OPERATOR Mark Resources Corporation 7) DESIGNATED AGENT John O. Kiser  
Address Penn Center West, Bldg. II, Ste 224 Address CT Corporation System  
Pittsburgh, PA 15276 1200 Charleston Plaza
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) PLUGGING CONTRACTOR Charleston, WV 25301  
Name Homer Dougherty Name Dewall  
Address Linden Route, Box 3A Address Glenville, WV  
Looneyville, WV 25259

WORK ORDER: The work order for the manner of plugging this well is as follows:

1. Swab hole dry
2. Determine free point of 4 1/2" casing - shoot off & recover
3. Run 2 3/8" work string in hole, spot gel on bottom
4. Spot 50 sack plug over perforated zone, 50 sack plug over top of 4 1/2 casing, 50 sack plug over base of 8 5/8" casing, and 10 sack plug at surface.
5. Erect monument.

47-087-3891-P

December 3

84

December 3, 1986

*198 1980 1981 1982 1983 1984 1985 1986*

**INSTRUCTION TO COAL OPERATORS  
OWNERS AND LESSEE**

The well operator named on the obverse side of IV-4(b) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified (which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Mines, Office Oil & Gas).

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the operator will proceed to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on obverse side of this application.

**NOTE:** If you wish this well to be plugged according to 22-4-10(d) then as per Regulation 17:05 you must complete and return to this office on IV-16 "Request by Coal Operator, Owner, or lessee for plugging under Code 22-4-10(d)" prior to the issuance of this plugging permit.

CA



1) Date: 10/30, 19 84  
2) Operator's Well No. G.P. Hodges #1  
3) API Well No. 47 - 087 - 3891-P  
State County Permit

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON A WELL

- 4) WELL TYPE: A Oil X / Gas \_\_\_\_\_ / Liquid injection \_\_\_\_\_ / Waste disposal \_\_\_\_\_  
B (If "Gas", Production \_\_\_\_\_ / Underground storage) \_\_\_\_\_ / Deep \_\_\_\_\_ Shallow \_\_\_\_\_ /)
- 5) LOCATION: Elevation: 816 Watershed: Bear Run  
District: Reedy County: Roane Quadrangle: Panel 7A'
- 6) WELL OPERATOR Mark Resources Corporation  
Address Penn Center West, Bldg. II, Ste 224  
Pittsburgh, PA 15276
- 7) DESIGNATED AGENT John O. Kiser  
Address CT Corporation System  
1200 Charleston Plaza
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Homer Dougherty  
Address Linden Route, Box 3A  
Looneyville, WV 25259
- 9) PLUGGING CONTRACTOR Charleston, WV 25301  
Name Dowell  
Address Glenville, WV

10) WORK ORDER: The work order for the manner of plugging this well is as follows:

1. Swab hole dry
2. Determine free point of 4 1/2" casing - shoot off & recover
3. Run 2 3/8" work string in hole, spot gel on bottom
4. Spot 50 sack plug over perforated zone, 50 sack plug over top of 4 1/2" casing, 50 sack plug over base of 8 5/8" casing, and 10 sack plug at surface.
5. Erect monument.

The law requires a comment period for surface owners. However, the permit can be issued in less than five days from the filing of the Application to plug and abandon a well 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.

47-087-3891-P

VOLUNTARY STATEMENT OF NO OBJECTION

December 3

84

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

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

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: \_\_\_\_\_

\_\_\_\_\_  
(Signature) Date: \_\_\_\_\_

By 1/18 \_\_\_\_\_

\_\_\_\_\_  
(Signature) Date: \_\_\_\_\_

Its \_\_\_\_\_ Date: \_\_\_\_\_

09/15/2023

**INSTRUCTIONS TO SURFACE OWNERS  
AND  
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT  
ON WELL PLUGGING 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 plugging. 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 **FIVE (5) 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 no 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:

"The proposed well work will constitute a hazard to the safety of persons; or.....

"Damage would occur to publicly owned lands or resources; or.....

"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.

P 528 469 064

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

Sent to	G.F. Hedger, Jr.
Street and No.	PO Box 16
P.O., State and ZIP Code	Spencer, West Virginia 25276
Postage	\$ 37
Certified Fee	75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	60
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 172
Postmark or Date	

FLU

P 528 469 063

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

Sent to	Charles F Adams
Street and No.	PO Box 41
P.O., State and ZIP Code	Parker Colorado 80134
Postage	\$ 37
Certified Fee	75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	60
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 172
Postmark or Date	

RECEIVED  
JUN 1 - 1984

P 528 469 062

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

Sent to	Elizabeth Jane Goodwin
Street and No.	1010 Smyrna Road SW
P.O., State and ZIP Code	Conyers, Georgia 30207
Postage	\$ 37
Certified Fee	75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	60
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 172
Postmark or Date	

P 528 469 065

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

Sent to	Elizabeth B. Sprigg
Street and No.	512 Laurel Drive
P.O., State and ZIP Code	Fairmont, West Virginia 26554
Postage	\$ 37
Certified Fee	75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	60
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 172
Postmark or Date	

OIL & GAS DIVISION  
DEPT. OF MINES

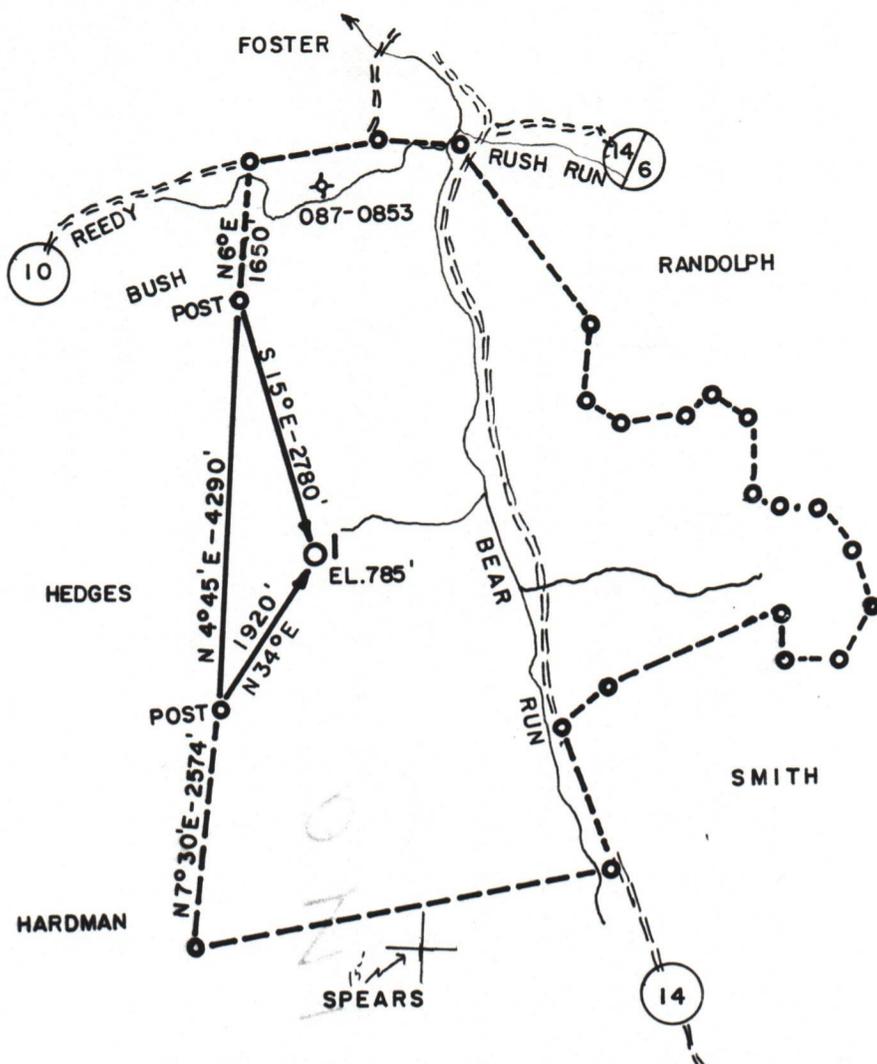
MIN 6/4/84

8700' WEST

LATITUDE 38° 52' 30"

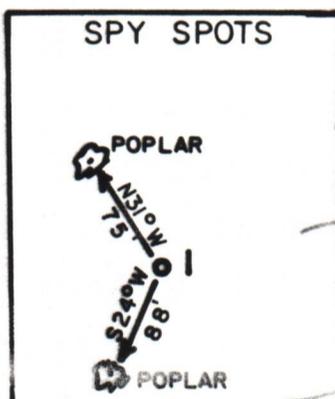
LONGITUDE 81° 22' 30"

H 13,090'



NORTH

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



FILE NO. 84-282  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1" / 200'  
 PROVEN SOURCE OF ELEVATION INT. RT. 14 & RT. 14/6 (702')

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) *Chas. Waterman*  
 R.P.E. 3788 L.L.S. \_\_\_\_\_



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



DATE 5/24, 1984  
 OPERATOR'S WELL NO. 1  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
 LOCATION: ELEVATION 785' WATER SHED BEAR RUN  
 DISTRICT REEDY COUNTY ROANE  
 QUADRANGLE PENIEL 7.5'  
 SURFACE OWNER E. HEDGES ET. AL. ACREAGE 816.43'  
 OIL & GAS ROYALTY OWNER DEPUE HEIRS LEASE ACREAGE 816.43  
 LEASE NO. \_\_\_\_\_

COUNTY NAME ROANE

PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PERMIT 3891

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION GORDON ESTIMATED DEPTH 3000'  
 WELL OPERATOR MARK RESOURCES CORP. DESIGNATED AGENT John O. Kizer  
 ADDRESS PENN CENTER WEST BLDG. I SUITE 220 PITTSBURG, PA 15276 ADDRESS CT Corporation System, 1200 Charleston National Plaza, Charleston, WV 25301

FORM IV-6 (8-78)

H.T. HALL