

RECEIVED
JUN 6 - 1984
OIL & GAS DIVISION
DEPT. OF MINES



1) Date: March 30, 19 84
2) Operator's Well No. 6
3) API Well No. 47 - 087 - 3886
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: 899 Watershed: Malden Run of Poca River K-29
District: Smithfield County: Roane Quadrangle: Looneyville 7.5
- 6) WELL OPERATOR Carroll Resources, Inc. 7) DESIGNATED AGENT Dale Hartley
Address 5501 Elson St. S.E. Address Rt. 2, Box 15
Magnolia, Ohio 44643 Maysel, W.V. 25133
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
Name Homer Dougerty Name Daniel M. Moore Well Service
Address Linden Rt. Box 3-A Address P.O. Box 471
Looneyville, W.V. 25259 Spencer, W.V. 25276
- 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, Big Injun
- 12) Estimated depth of completed well, 2049 feet
13) Approximate trata depths: Fresh, 350 feet; salt, 1579 feet.
14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____
- 15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	<u>10-3/4</u>			<input checked="" type="checkbox"/>			<u>350</u>	<u>to surface</u>	<u>NEAT</u>
Coal									Sizes
Intermediate	<u>8-5/8</u>				<input checked="" type="checkbox"/>		<u>0</u>		
Production	<u>4-1/2</u>		<u>10.5</u>	<input checked="" type="checkbox"/>			<u>2049</u>	<u>100 sacks</u>	Depths set
Tubing	<u>2-3/8</u>		<u>4.7</u>	<input checked="" type="checkbox"/>			<u>2049</u>		
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-087-3886 Date June 8, 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 8, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: <u>LS</u>	Plat:	Casing <u>MH</u>	Fee <u>192</u>
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[Signature]
Administrator, Office of Oil and Gas

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



RECEIVED
JUN 9 - 1988
OIL & GAS DIVISION

OFFICE USE ONLY

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

1) WELL OPERATOR: Carroll Resources, Inc.
 2) LOCATION: Smithfield District, Waynes County, Waynes State, 3501 Elson St. S.E. Address, Waynes, Ohio 44648
 3) PROPOSED WELL WORK: Drill Plug off old formation Perforate new formation
 4) DRILLING CONTRACTOR: Daniel M. Moore Well Service Name, 200 Box 4VI Address, Waynes, W.V. 26229
 5) WELL RECORD RECEIVED: Yes No
 6) RECLAMATION COMPLETED: Yes No

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:

Blanket	Agent	Plan	Casing	Fee
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09/15/2008



1) Date: March 30, 1984
 2) Operator's Well No. 6
 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: 899 Watershed: Malden Run of Poca River 14-29
 District: Smithfield County: Roane Quadrangle: Cooneyville 7.5
- 6) WELL OPERATOR Carroll Resources, Inc. 7) DESIGNATED AGENT Dale Hartley
 Address 5501 Wilson St. S.E. Magnolia, Ohio 44643 Address Pt. 2, Box 15 Maysel, W.V. 25133
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Homer Dougherty Name Daniel W. Moore Well Service
 Address Linden Rt., Box 3-A Cooneyville, W.V. 25259 Address P.O. Box 471 Spencer, W.V. 25276
- 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, Bir Tnjun
 12) Estimated depth of completed well, 2049 feet
 13) Approximate strata depths: Fresh, 350 feet; salt, 1579 feet.
 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ No 1984

RECEIVED
 MAY 1 1984

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	OIL & GAS DIVISION PACKERS DEPT. OF MINES
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	<u>0-3/4</u>			<input checked="" type="checkbox"/>			<u>350</u>	<u>surface</u>	Sizes
Coal									Depths set
Intermediate	<u>8-5/8</u>				<input checked="" type="checkbox"/>		<u>0</u>		Perforations:
Production	<u>4-3/4</u>		<u>10.5</u>	<input checked="" type="checkbox"/>			<u>2049</u>	<u>100 sacks</u>	Top Bottom
Tubing	<u>2-3/8</u>		<u>4.7</u>	<input checked="" type="checkbox"/>			<u>2049</u>		
Liners									

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: Deminox U.S. Oil Company
 By: Wack P. Storm
 Its: Manager Land & Legal Date: 4-9-84

(For execution by natural persons)
 _____ Date: _____
 (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 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:

- "(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.



1) Date: March 30, 19 84
 2) Operator's Well No. 6
 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 X / Gas _____ /
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow _____ /)
- 5) LOCATION: Elevation: 899 Watershed: Malden Run of Poca River 14-29
 District: Smithfield County: Roane Quadrangle: Looneyville 7.5
- 6) WELL OPERATOR Carroll Resources, Inc. 7) DESIGNATED AGENT Dale Hartley
 Address 5501 Elson St. S.E. Address Rt. 2, Box 15
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- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Homer Dougerty Name Daniel M. Moore Well Service
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Looneyville, W.V. 25259 Spencer, W.V. 25276
- 10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate X /
 Plug off old formation _____ / Perforate new formation _____ /
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Big Injun
- 12) Estimated depth of completed well, 2049 feet
- 13) Approximate strata depths: Fresh, 350 feet; salt, 1579 feet.
- 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ / No X /
- 15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	Sizes
Conductor										
Fresh water	<u>10-3/4</u>			<u>X</u>			<u>350</u>	<u>surface</u>	<u>FEAT</u>	
Coal										
Intermediate	<u>8-5/8</u>				<u>X</u>		<u>0</u>			
Production	<u>4-3/8</u>		<u>10.5</u>	<u>X</u>			<u>2049</u>	<u>100 sacks</u>		Depths set
Tubing	<u>2-3/8</u>		<u>4.7</u>	<u>X</u>			<u>2049</u>			
Liners										Perforations:
										Top Bottom

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of the filing of the Application.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19 _____

By [Signature]

Its _____

09/15/2023
 Coal Owner

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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>
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09/15/2023

1) Date: March 30, 19 84
2) Operator's
Well No. H.C. Vineyard #6
3) API Well No. 47-087-3886
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 Deminex U.S. Oil Co.
Address 700 N. Pearl, Lock Box 340
Dallas, Texas 75201

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5(i) COAL OPERATOR
Address _____

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

Name _____
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

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

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

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

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

RECEIVED
MAY 1 1 1984
OIL & GAS DIVISION
DEPT. OF MINES

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

DALE HARTLEY
this 26 day of MAY, 1984.

My commission expires May 28, 1984.

Mary Helen Rennie
Notary Public, STARK County,
State of OHIO

WELL
OPERATOR Carroll Resources, Inc.

By Dale Hartley
Its Vice President
Address 5501 Elson St. S.E.
Magnolia, Ohio 44643
Telephone 216/866-3490


MARY HELEN RENNIE
Notary Public St. of Ohio
My. Com. Exp. May 28, 1984


09/15/2023

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE LDONEYVILLE 7.5'

LEGEND

Well Site 












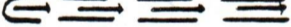
Access Road 

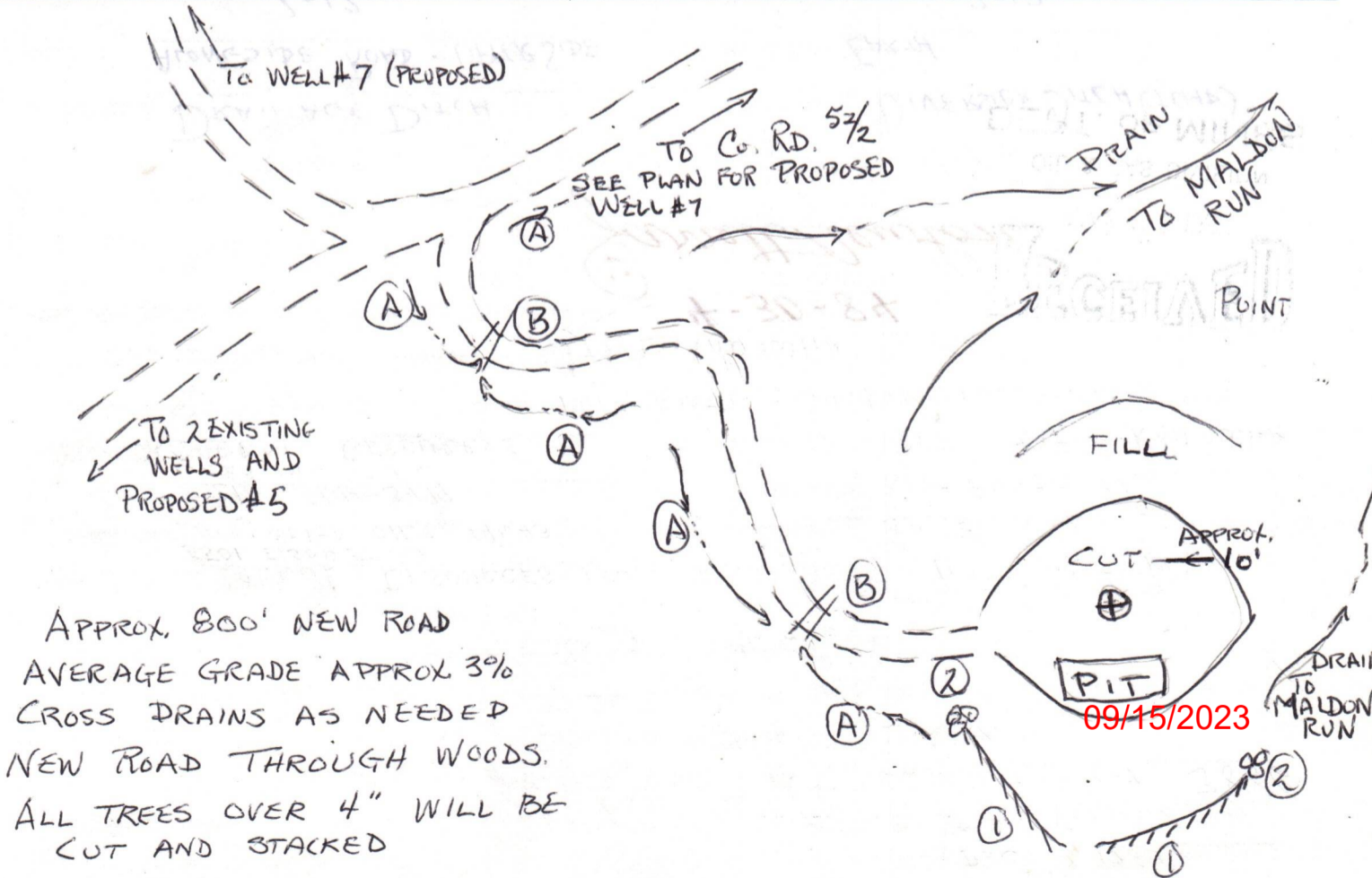


WELL SITE PLAN

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

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 



09/15/2023



State of West Virginia

Department of Mines

Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Carroll Resources Inc.

Address 5501 E1500 St. SE, Magnolia, Ohio, 44643

Telephone 216-866-3499

LANDOWNER DEMINEX U.S. OIL CO.

Revegetation to be carried out by DALE HARTLEY - CARROLL RESOURCES (Agent)

SOIL CONS. DISTRICT LITTLE KANAWHA

SCD. All corrections

and additions become a part of this plan: 4-30-84 (Date)

James H. Newton (SCD Agent)

MAY 1 1 1984

ACCESS ROAD

(A) Structure DRAINAGE DITCH

Spacing ALONGSIDE ROAD - UPSIDE

Page Ref. Manual 2-12

(B) Structure CROSS DRAINS

Spacing APPROX 200'

Page Ref. Manual 2-11, 2-14

(C) Structure CULVERT (12")

Spacing

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

Lime 2 Tons/acre or correct to pH 6.5

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

Mulch HAY 1.5-2.5 Tons/acre

Seed * KENTUCKY 31 FESCUE lbs/acre

lbs/acre

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

Treatment Area II

Lime 2 Tons/acre or correct to pH 6.5

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

Mulch HAY 1.5-2.5 Tons/acre

Seed * KENTUCKY 31 FESCUE lbs/acre

lbs/acre

PLAN PREPARED BY William F. Knight

ADDRESS R.D. Box 634

NEWTON, W. VA. 25266

PHONE NO. 304-565-9441

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

RECEIVED

LOCATION OIL & GAS DIVISION

DEPT. OF MINES DIVISION DITCH (TEMP) (1)

Material EARTH

Page Ref. Manual 2-12

(2) Structure SEDIMENT BARRIER

Material ROCK

Page Ref. Manual 2-16

(3) Structure

Material

Page Ref. Manual

RECEIVED
AUG 14 1985



IV-35
(Rev 8-81)

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia
Department of Mines
Oil and Gas Division

Date Jan. 3, 1985
Operator's
Well No. 6
Farm H.C. Vineyard
API No. 47 - 087 - 3886

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

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

LOCATION: Elevation: 899 Watershed Malden Run of Poca River
District: Smithfield County Roane Quadrangle Looneyville 7.5'

COMPANY Carroll Resources, Inc.

ADDRESS Magnolia, Ohio 44643

DESIGNATED AGENT Dale Hartley

ADDRESS Rt.2, Box 15, Maysel, WV 25133

SURFACE OWNER Deminex U.S. Oil Co.

ADDRESS Dallas, Tx. 75201

MINERAL RIGHTS OWNER H.C. Vineyard Heirs

ADDRESS

OIL AND GAS INSPECTOR FOR THIS WORK Homer

Dougerty ADDRESS Looneyville, WV

PERMIT ISSUED June 8, 1984

DRILLING COMMENCED June 27, 1984

DRILLING COMPLETED July 7, 1984

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	350	350	100 sks top
7			
5 1/2			
4 1/2	2128	2128	118
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Big Injun Depth 2049 feet

Depth of completed well 2150 feet Rotary X / Cable Tools

Water strata depth: Fresh feet; Salt feet

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

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth 2046 feet

Gas: Initial open flow Mcf/d Oil: Initial open flow 0 Bbl/d

Final open flow Mcf/d Final open flow 8 Bbl/d

Time of open flow between initial and final tests 24 hours

Static rock pressure 0 psig (surface measurement) after hours shut in

(If applicable due to multiple completion--)

09/15/2023

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

(Continue on reverse side)

ROANE 5000

RECEIVED

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

2 perforations at 38 and 40, from 2010 to 2042. Water frac with N2 with assist, with total of 670 Bbl of fluid, 40,000 of 20/40 sand and 10,000 of 10/20 sand. Breakdown 1,000 lb. average pressure 1509 average rate 16.3 Bbl. per Minute

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Red beds, sand and shale			0	1536	
Salt sand			1536	1864	
Lime			1864	2009	
Injun sand			2009	2066	
Shale			2066	2150	

(Attach separate sheets as necessary)

Carroll Resources, Inc.
Well Operator
By: Wale Hawley V.B. 09/15/2023
Date: Jan. 3, 1985

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

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. 087-3886

Oil or Gas Well _____
(KIND)

Company Address Farm Well No. District Drilling commenced Drilling completed Date shot Initial open flow Open flow after tubing Volume Rock pressure Oil Fresh water Salt water	CASING AND TUBING Size 16 13 10 8 1/4 6 5/8 5 3/16 3 2	USED IN DRILLING	LEFT IN WELL	PACKERS
				Kind of Packer Size of Depth set Perf. top Perf. bottom Perf. top Perf. bottom
<u>Carroll Resources</u>				
<u>Magnolia, Ohio</u>				
<u>H. C. Vineyard heirs</u>				
<u>6</u>				
<u>Smithfield</u> County <u>Roane</u>				

_____ Total depth _____				
_____ Depth of shot _____				
_____ /10ths Water in _____ Inch				
_____ /10ths Merc. in _____ Inch				
_____ Cu. Ft.				
_____ lbs. _____ hrs.				
_____ bbls., 1st 24 hrs.				
_____ feet _____ feet				
_____ feet _____ feet				

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: 6/26/84 Inspected construction on Location. Timber removed & stacked off of end of location. D. & M. Drilling Co. Dozer and Carroll Resources dozer grading Location. Met Dale Hartley, agent & part owner of Carroll Resources.

6/26/84
DATE

Homer H. D...ty
09/15/2023
DISTRICT WELL INSPECTOR

**STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT**

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner _____ Location _____ Amount _____ Packer _____ Location _____

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks:

I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR

09/15/2023

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

RECEIVED
JUL - 5 1984

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

Permit No. 087-3886

Oil or Gas Well _____
(KIND)

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

Drillers' Names Frank Dickey Pusher Pett Dickey

D + M Drilling Rig #1

Remarks: 6/28/84 Moved on Location and Rigged up.
6/29/84 Trucks hauling water for pit rig starting to
drill Rat hole on fluid. Should run 8 5/8" Surface 6/30/84

6/29/84
DATE

Homer H. Dougherty
DISTRICT WELL INSPECTOR

09/15/2023

**STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT**

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner		Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	

Drillers' Names _____

Remarks:

_____ I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR

09/15/2023

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

RECEIVED
JUL - 5 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 087-3886

Oil or Gas Well _____
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company	<u>Carroll Resources</u>				
Address	<u>Magnolia, Ohio</u>	Size			
Farm	<u>H. C. Vineyard Heirs</u>	16			Kind of Packer _____
Well No.	<u>6</u>	13			
District	<u>Smithfield County Boone</u>	10			Size of _____
Drilling commenced	<u>6/28/84</u>	8 ⁵ / ₈		<u>352</u>	
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.				
Fresh water	_____ feet _____ feet				
Salt water	_____ feet _____ feet				

CASING CEMENTED 8 5/8 SIZE 352 No. FT. 6/30/84 Date

NAME OF SERVICE COMPANY Halliburton

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Frank Dickey Pusher Pete Dickey

D. & M. Drilling Rig #1

Remarks: 6/30/84 OK'd 352 ft of 8 5/8" Surface pipe and cemented with 100 sacks of neat 3% CC. Plug down 11:30 P.M. by Halliburton.

6/30/84
DATE

Homer H. Dugan
DISTRICT WELL INSPECTOR

**STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT**

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.

DATE

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

RECEIVED
JUL - 9 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 087-3886

Oil or Gas Well _____
(KIND)

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

Drillers' Names Frank Dickey Pusher Pete Dickey

D. & M. Drilling

Remarks: 7/3/84 01341 feet deep drilling on fluid with 7 7/8" Bit
Rig making trip for bad bit.

7/3/84
DATE

Homer H. Dancy
DISTRICT WELL INSPECTOR
09/15/2023

Form 26
2/16/82

**STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT**

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner		Location		Amount	Packer	Location	
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.
DATE

DISTRICT WELL INSPECTOR
09/15/2023

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

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JUL 17 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 087-3886

Oil or Gas Well _____
(KIND)

Company <u>Carroll Resources Corp.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Magnolia, Ohio</u>	Size			
Farm <u>H. C. Vineyard Heirs</u>	16			Kind of Packer _____
Well No. <u>6</u>	13			Size of _____
District <u>Smithfield</u> County <u>Roane</u>	10			Depth set _____
Drilling commenced <u>6/29/84</u>	8 1/4			
Drilling completed <u>7/7/84</u> Total depth <u>2150</u>	6 5/8			Perf. top _____
Date shot _____ Depth of shot _____	5 3/16		<u>2128</u>	Perf. bottom _____
Initial open flow _____ /10ths Water in _____ Inch	4 1/2			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 <u>4 1/2"</u> SIZE <u>2128</u> No. FT. <u>7/8/84</u> Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Halliburton</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Frank Decker Pusher Pett Dickey

D. + M. Drilling Co.

Remarks: 7/7/84 F.D. of Well 2150 ft.
7/8/84 Ran 2128 ft of 4 1/2" pipe and cemented with
110 sacks of Neat Plug down 6:00 A.M. by Halliburton

7/10/84
DATE

Homer H. Doughty
DISTRICT WELL INSPECTOR
09/15/2023

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner		Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST	

Drillers' Names _____

Remarks:

I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR

09/15/2023



RECEIVED
JUL 16 1985
OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

(6-08-84)

COMPANY Carroll Resources
5501 Elson St. S.E.
Magnolia, Ohio 44643

PERMIT NO 47-087-3886
FARM & WELL NO H.C. Vienard Hrs. #6
DIST. & COUNTY Smithfield-Roane

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

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

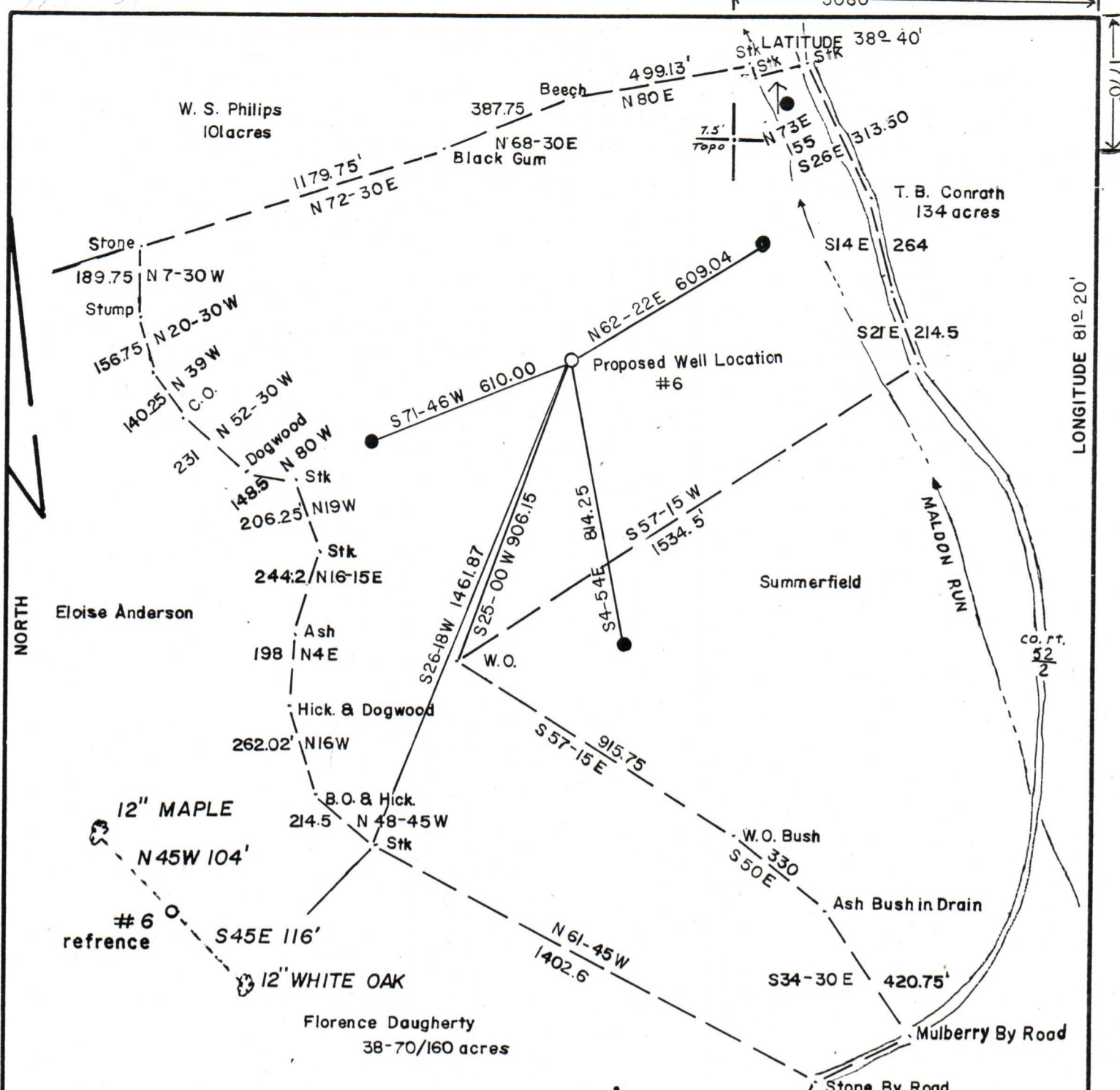
SIGNED Homer H. Dougherty
DATE 7/9/85

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.

T. H. ...
Administrator-Oil & Gas Division

September 13, 1985
DATE

09/15/2023



FILE NO. #6
 DRAWING NO. _____
 SCALE 1"=400'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION INTERSECTION OF CO. RT. 52 & 52/2 ELEV 727

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) William F. Knight
 R.P.E. _____ L.L.S. 710

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



DATE 12-28, 19 83
 OPERATOR'S WELL NO. 6
 API WELL NO. _____
47 - 087 - 3886
 STATE COUNTY PERMIT

Department of Mines
 Oil & Gas Division

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 899 WATER SHED MALDEN RUN OF POCA RIVER
 DISTRICT SMITHFIELD COUNTY ROANE
 QUADRANGLE LOONEYVILLE 7.5'
 SURFACE OWNER DEMINEX U.S. OIL CO. ACREAGE 67.75
 OIL & GAS ROYALTY OWNER H.C. VINEYARD HEIRS LEASE ACREAGE 67.75 09/15/2023
 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 BIG INJUN ESTIMATED DEPTH 2049
 WELL OPERATOR CARROL RESOURCES INC. DESIGNATED AGENT DALE HARTLEY
 ADDRESS MAGNOLIA, OHIO 44643 ADDRESS RT. 2, BOX 15, MAYSSEL, W.VA. 25133