

RECEIVED

FEB 15 1985

OIL & GAS DIV.
DEPT. OF MINES



1) Date: February 14, 19 85
2) Operator's Well No. Seaman #2
3) API Well No. 47 - 061 - 0766
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: 1050 Watershed: Long Drain Run
District: Clay County: Monongahlia Quadrangle: Blacksville 7 1/2
- 6) WELL OPERATOR Hydrocarbon Exploration, Inc. 7) DESIGNATED AGENT Al Sorcan
Address P.O. Drawer 976 Address P.O. Drawer 976
Buckhannon, WV 26201 23625 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
Name Don Ellis Name
Address 2604 Crab Apple Lane Address
Fairmont, WV 26554
- 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, ELK
- 12) Estimated depth of completed well, 5600 feet
- 13) Approximate trata depths: Fresh, 110 feet; salt, 690 feet.
- 14) Approximate coal seam depths: 320, 410 Is coal being mined in the area? Yes / No /

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS		
	Size	Grade	Weight per ft.	New	Used	For drilling		Left in well	Perforations:	
Conductor	11 3/4				X	440	40	440	Pulled out by rule 15.05	
Fresh water										
Coal	8 5/8		23	X		1200		1200	350 sks	Sizes
Intermediate	8 5/8		23	X		1200		1200	350 sks	
Production	4 1/2		10 1/2	X				5600	600 sks	Depths as required
Tubing										
Liners										Perforations: Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-061-0766 Date February 28, 19 85

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

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

Permit expires February 28, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: 78	Agent: MW	Plat: MW	Casing: MW	Fee: 1045
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Margaret J. Hesse
Administrator, Office of Oil and Gas

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



RECEIVED

FEB 18 1985

OIL & GAS DIV. DEPT. OF MINES

OFFICE USE ONLY

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

1) WELL LOCATION: District: _____ County: _____ Township: _____ Range: _____ Section: _____

2) WELL OPERATOR: Name: _____ Address: _____

3) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: _____ Address: _____

4) PROPOSED WELL WORK: Drill: _____ deeper / _____ shallower / _____ Redrill / _____ Stimulate / _____ Plug old formation / _____ Produce new formation

5) GEOLOGICAL TARGET FORMATION: _____

6) Estimated depth of completed well: _____ feet

7) Approximate true depth: _____ feet

8) Approximate coal seam depth: _____ feet

9) Is coal being mined in the area? 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	Follow-up inspection(s)
Well work started	" "
Completion of the drilling process	" "
Well Record received	" "
Reclamation completed	" "

OTHER INSPECTIONS

Reason: _____

Reason: _____

Board	Asst. Dir.	Dir.	Chief	Sec.

09/29/2023

1) Date: February 14, 1985
 2) Operator's Well No. Seaman #2
 3) API Well No. 47-661-0766

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

(1) Name S.B. Seaman
 Address Core, WV 26529

(1) Name
 Address

(1) Name
 Address

(1) Name
 Address

5 (1) COAL OPERATOR CONSOLIDATION COAL CO.

Address Consol Plaza

5 (1) COAL OWNER(S) WITH DECLARATION ON RECORD

Name Consolidation Coal Co.

Address Consol Plaza

5 (1) 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 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 (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:

- 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 to the volume of 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

this day of February, 1985

My commission expires 01/21, 1987

Notary Public, Morgan County

State of West Virginia



My Commission Expires Nov 21 1990
 Buckhannon WV 26201
 42 Trudy Run Rd
 MARCELLA GARRISON
 Telephone 472-9600

Address P.O. Drawer 976
 Buckhannon, WV 26201

Its President

By *Alvin Seaman*

OPERATOR Hydrocarbon Exploration, Inc.

WELL

OIL & GAS DIV.
 DEPT. OF MINES

FEB 15 1985

RECEIVED

INSTRUCTIONS TO APPLICANT

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(1) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(11, 111) 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:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book Page
M.D. Wright (et ux)	J & J Enterprises	1/8	847-506
J & J Enterprises	Kepeco Inc.	1/8	12-158
Kepeco	Hydrocarbon Emergies, Inc.		

by Farmout Agreement



RECEIVED
IV-9 (Rev 8-81)
FEB 27 1985

DATE 2-12-85
WELL NO. SEAMAN # 2
API NO. 47-061-0766

State of West Virginia
Department of Mines
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME HYDROCARBON Exploration Inc DESIGNATED AGENT Alvin Sorcan
Address Buckhannon WVA Address PO Box 976 Buckhannon WVA
Telephone 472-9600 Telephone 472-9600
LANDOWNER S. B. SEAMAN SOIL CONS. DISTRICT MONONGAHELA
Revegetation to be carried out by Alvin Sorcan (Agent)

This plan has been reviewed by MONONGAHELA SCD. All corrections and additions become a part of this plan: FEB 25, 1985 (Date)
Earl H. Kerns, Jr (SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>OPEN DITCH</u> (A)	Structure <u>DIVERSION DITCH</u> (1)
Spacing <u>LENGTH OF ROAD</u>	Material <u>EARTH</u>
Page Ref. Manual <u>2-12</u>	Page Ref. Manual <u>2-12</u>
Structure <u>BREAKER DITCH</u> (B)	Structure <u>DRILLING PIT</u> (2)
Spacing <u>75' - 100' APART</u>	Material <u>EARTH</u>
Page Ref. Manual <u>2-4</u>	Page Ref. Manual _____
Structure <u>CULVERT (min. 16")</u> (C)	Structure <u>SEDIMENT BARRIER</u> (3)
Spacing <u>AS NEEDED</u>	Material <u>HAY OR STRAW</u>
Page Ref. Manual <u>1-7</u>	Page Ref. Manual <u>1-15</u>

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.

Low WATER BRIDGE (D)

REVEGETATION

Treatment Area I

Lime 3 Tons/acre
or correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch HAY OR STRAW 2 Tons/acre

Seed* Ky 31 35 lbs/acre
LADINO CLOVER 5 lbs/acre
Annual RyG 10 lbs/acre

Treatment Area II

Lime As Area I 3 Tons/acre
or correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch HAY OR STRAW 2 Tons/acre

Seed* Ky 31 35 lbs/acre
LADINO CLOVER 5 lbs/acre
Annual RyG 10 lbs/acre

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

09/29/2023

PLAN PREPARED BY HYDROCARBON Exploration Inc
ADDRESS PO Box 976
Buckhannon WVA
PHONE NO. 472-9600

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

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE Blacksville 7.5

LEGEND

Well Site ⊕

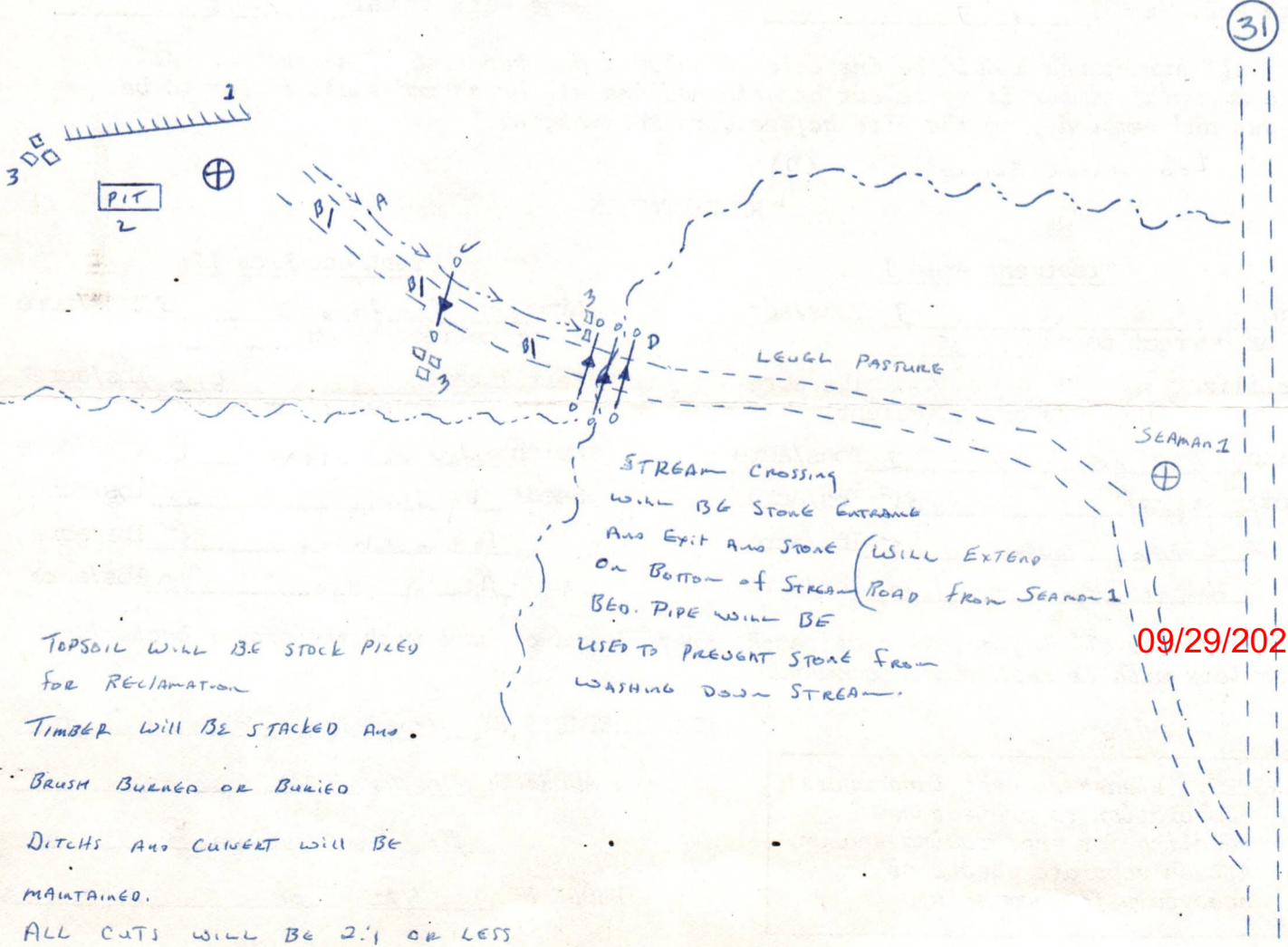
Access Road ———



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 — X — X —	Wet spot ☉
Planned fence — / — / —	Building ■
Stream ~ ~ ~ ~ ~	Drain pipe — ○ — ○ — ○ — →
Open ditch ———→—————→—————→—————→	Waterway ← = = = = =



TOPSOIL WILL BE STOCK PILED
FOR RECLAMATION

TIMBER WILL BE STACKED AND

BRUSH BURNED OR BURIED

DITCHES AND CONDUIT WILL BE
MAINTAINED.

ALL CUTS WILL BE 2:1 OR LESS



1) Date: February 14, 19 85
 2) Operator's Well No. Seaman #2
 3) API Well No. 47
 State _____ County _____ Permit _____

Waiver

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

- 4) WELL TYPE: A Oil _____ / Gas X /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 1050 Watershed: Long Drain Run
 District: Clay County: Monongalia Quadrangle: Blacksville 74
- 6) WELL OPERATOR Hydrocarbon Exploration, Inc. 7) DESIGNATED AGENT Al Sorgan
 Address P.O. Drawer 976 Address P.O. Drawer 976
Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Don Ellis Name _____
 Address 2604 Crab Apple Lane Address _____
Fairmont, WV 26554
- 10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate X /
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) 52311
- 11) GEOLOGICAL TARGET FORMATION, WJK
 12) Estimated depth of completed well, 5600 feet
 13) Approximate strata depths: Fresh, 110 feet; salt, 690 feet.
 14) Approximate coal seam depths: 320, 410 Is coal being mined in the area? Yes _____ / No EX /
- 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	<u>11 3/4</u>				<u>X</u>	<u>40</u>			
Fresh water									
Coal	<u>8 5/8</u>		<u>23</u>	<u>X</u>		<u>1200</u>	<u>1200</u>		
Intermediate	<u>8 5/8</u>		<u>23</u>	<u>X</u>		<u>1200</u>	<u>1200</u>		
Production	<u>4 1/2</u>		<u>10 1/2</u>	<u>X</u>			<u>5600</u>		
Tubing									
Liners									

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

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 Ray M Henderson
 Its Regional Mgr. Eng

09/29/2023
 Coal Owner



1) Date: February 14, 19 85
 2) Operator's Well No. Gasman #2
 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 X /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 1050 Watershed: Long Drain Run
 District: Clay County: Monongalia Quadrangle: Blacksville 74
- 6) WELL OPERATOR Hydrocarbon Exploration, Inc. 7) DESIGNATED AGENT Al Sorcan
 Address P.O. Drawer 976 Address P.O. Drawer 976
Blackhamon, WV 26201 Blackhamon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Don Ellis Name _____
 Address 2604 Crab Apple Lane Address _____
Fairmont, WV 26554
- 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, MLK
 12) Estimated depth of completed well, 5600 feet
 13) Approximate strata depths: Fresh, 110 feet; salt, 690 feet.
 14) Approximate coal seam depths: 320, 410 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)	DEPT. OF MINES OIL & GAS DIVISION RECEIVED FEB 27 1985
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	<u>11 3/4</u>				<u>X</u>	<u>40</u>		<u>Pulled</u>	Kinds
Fresh water									Sizes
Coal	<u>8 5/8</u>		<u>23</u>	<u>X</u>		<u>1200</u>	<u>1200</u>	<u>350</u>	Depths/set
Intermediate	<u>8 5/8</u>		<u>23</u>	<u>X</u>		<u>1200</u>	<u>1200</u>	<u>350</u>	Perforations
Production	<u>4 1/2</u>		<u>10 1/2</u>	<u>X</u>			<u>5600</u>	<u>600</u>	Top Bottom
Tubing									
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.)

(For execution by natural persons)

NAME: _____
 By _____
 Its _____ Date _____

 (Signature) Date: 2/18/85

 (Signature) Date: _____

**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.

P 754 105 395

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

Sent to		Consolidation Coal
Street and No.		P.O. Box 1314
P.O., State and ZIP Code		Morgantown WV 26505
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		\$1.72
Postmark or Date		FEB 15 1985



P 754 105 396

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

Sent to		S. B. Seaman
Street and No.		
P.O., State and ZIP Code		Core, WV 26509
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		\$1.72
Postmark or Date		FEB 15 1985



RECEIVED

FEB 15 1985

OIL & GAS DIV.
DEPT. OF MINES

09/29/2023

IV-35
(Rev 8-81)

RECEIVED
MAY 13 1985
OIL & GAS DIV.
DEPT. OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division

Date 4-11-85
Operator's
Well No. Seaman # 2
Farm S. B. Seaman
API No. 47-061-0766

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

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

LOCATION: Elevation: 1050 Watershed Long Drain Run
District: Clay County Nonongalia Quadrangle Blacksville

COMPANY Hydrocarbon Exploration, Inc.
ADDRESS P.O. Drawer 976, Buckhannon, WV26201
DESIGNATED AGENT Alvin Sorcan
ADDRESS Rt. 4, Box 444, Buckhannon, WV26201
SURFACE OWNER S. B. Seaman
ADDRESS Core, WV 26529
MINERAL RIGHTS OWNER M. D. Wright
ADDRESS 378 Cobun Ave., Morgantown, WV
OIL AND GAS INSPECTOR FOR THIS WORK Don
Ellis ADDRESS Fairmont, WV 26554
PERMIT ISSUED 2-28-85
DRILLING COMMENCED 3-21-85
DRILLING COMPLETED 4-3-85

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	1221	1221	To Surface 300sks
7			
5 1/2			
4 1/2		5568	600sks
3			(3300-5568)
2			
Liners used			

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

GEOLOGICAL TARGET FORMATION Elk Depth 5450 feet
Depth of completed well 5656 feet Rotary X / Cable Tools _____
Water strata depth: Fresh 845 feet; Salt 1585 feet
Coal seam depths: 308,392 Is coal being mined in the area? Yes

OPEN FLOW DATA

Producing formation Elk, Benson Pay zone depth 4943-5461 feet
Gas: Initial open flow 231 Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 290 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 1450 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation Bradford, Balltown Pay zone depth 4189-4266 feet
Gas: Initial open flow 231 Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 290 Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 1450 psig (surface measurement) after 72 hours shut in

(Continue on reverse side)

MONON
0766

09/29/2023

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

4-18-85	Frac.	3 Stage	H2O w/CO2 Assist				
FORM	PERF	HOLE	BKRD	H2O	SAND	ISIP	CO2
Elk-Benson	(4943-5461)	24	2950	796	57,500	2990	14 Tons
Bradford	(4189-4266)	14	3100	475	41,200	2100	14 Tons
Ball-Speech.	(3738-3986)	14	3700	394	30,500	1940	12 Tons

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Clay	Br	S	0	10	H2O @ 845, 1585
Sp & Sh	Br	S	10	80	
Sand	Br	M	80	308	
Coal	Bl	S	308	310	Coal @ 308, 392
Sh	Gr	S	310	392	
Coal	Bl	S	392	395	
Sh	Rd & Gr	S	395	1255	
Sand	W	H	1255	1305	
Sdy Sh	Br	M	1305	1815	
Big Lime	Gr	H	1815	1852	
Big Injun	W	H	1852	2076	
Sh	Gr	S	2076	2148	
Sd	W	H	2148	2185	
Sh	Gr	S	2185	2480	
Sd&Sh	Br	M	2480	3050	
Sh	Gr	S	3050	3724	
Speech.	Br	M	3724	3804	
Balltown	Br	M	3804	4186	
Bradford	Br	M	4186	4708	Show Gas 4218
Riley	Br	M	4708	4942	
Benson	Br	M	4942	4998	
Sh	Gr	S	4998	5420	
Elk	Br	M	5420	5440	Show Gas 5433
Sh	Gr	S	5440	5656	
Total Depth				5656	Check Gas @ T.D. 231 MCF

(Attach separate sheets as necessary)

Hydrocarbon Exploration, Inc.
Well Operator

By: Alvin Lauer 09/29/2023
Date: 5-10-85

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."

DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED
MAR 26 1985

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 061-0766

Oil or Gas Well _____
(KIND)

Company <u>Hydro Carbon EXPL</u> Address <u>Buckhannon W.V.</u> Farm <u>Seaman</u> Well No. <u>2</u> District <u>Clay</u> County <u>Monongalia</u> Drilling commenced <u>3-20-85</u> 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 S.W. Jock #14

Remarks: Only Drust 650 ft

3-22-85

DATE

[Signature]
DISTRICT WELL INSPECTOR

09/29/2023

Form 26
2/16/82

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

RECEIVED
MAR 26 1982
OIL & GAS DIVISION
DEPT. OF MINES

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 09/29/2023

DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED
APR 12 1985

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 061-0766

Oil or Gas Well _____
(KIND)

Company <u>Hydro Carbon</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Buckhannon W.V.</u>	Size			Kind of Packer _____
Farm <u>SEAMAN</u>	16			
Well No. <u>2</u>	13			Size of _____
District <u>Clay</u> County <u>Marion</u>	10			
Drilling commenced <u>3-20-85</u>	8 1/4			Depth set _____
Drilling completed <u>4-4-85</u> Total depth <u>5656</u>	6%			
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.				
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED <u>4 1/2</u> SIZE <u>5578</u> No. FT. <u>4-4-85</u> Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Valley</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names S W Jack #14

Remarks: Run 5578 # 4 1/2 475 lbs Cent

4-4-85
DATE

[Signature]
DISTRICT WELL INSPECTOR
09/29/2023

2/16/82

RECEIVED
 APR 17 1982
 OIL & GAS DIVISION
 DEPT. OF MINES

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

09/29/2023

INSPECTOR'S PERMIT SUMMARY FORM

(2-28-85)

WELL TYPE _____
ELEVATION 1050
DISTRICT CLAY
QUADRANGLE _____
COUNTY MONONGA LIA.

API# 47- ~~0261~~ - 0266
OPERATOR Hydro Carbon
TELEPHONE _____
FARM Seaman
WELL # 2

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

DATE STARTED _____
LOCATION 3-18-85 NOTIFIED NO. DRILLING COMMENCED 3-20-85

WATER DEPTHS 845 ft DAMP., 1" @ 1455, _____
COAL DEPTHS 308-310, 392-395, _____

CASING

Ran 1221 feet of 8 5/8 "pipe on 3-23-85 with 300 Mm fill up
Ran 5578 feet of 4 1/2 "pipe on 4-4-85 with 475 Mm fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up

TD 5656 feet on 4-3-85

PLUGGING

Type	From	To	Pipe Removed

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

Pit Discharge date: _____ Type _____

Field analysis ph _____ fe _____ cl _____

Well Record received _____

JAN 7 1986

Date Released 1-2-86

Donald B. Ellis 09/29/2023
Inspector's signature

API# 47 061 - 0766

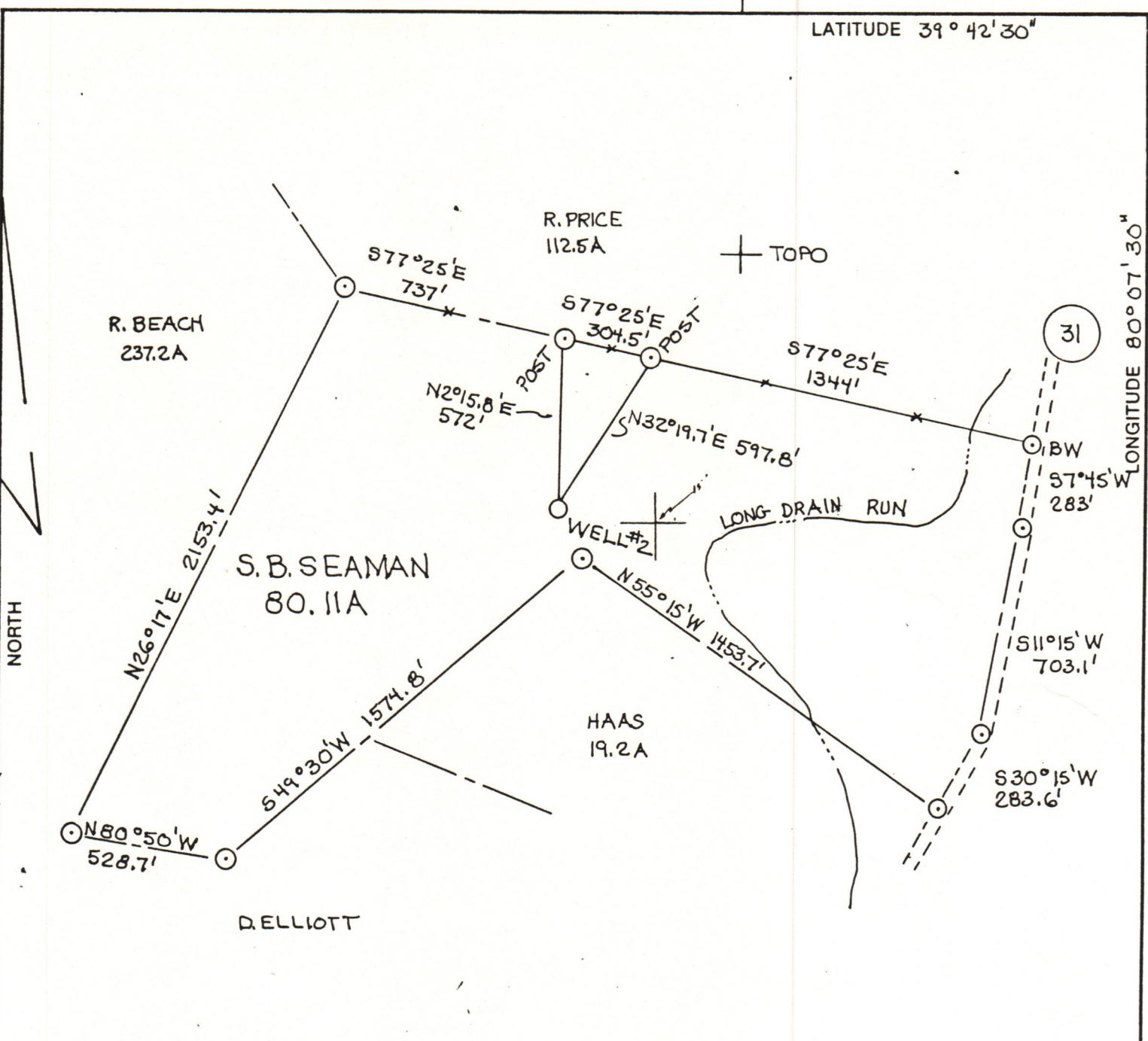
LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1	3-22-85		Ch. Rig	Daily dust 650'
2	3-23-85		Surveys	ok
3	3-25-85		Ch. Rig	Daily dust 1280ft.
4	3-28-85		Ch. Rig	Daily Met.
5	4-4-85		Ch. Rig	Run 4 1/2
6				
7	1-2-86		Ch. Reclamation	Released
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes

DEPARTMENT OF ENERGY
OIL AND GAS

JAN 1 1986

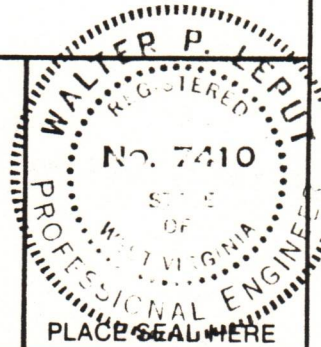


LANDMARK POINTS
 N3°W 185' TO 6" OAK
 S75°E 104' TO 8" OAK

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

FILE NO. 2-6-85
 DRAWING NO. 2-6-85
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 2000
 PROVEN SOURCE OF ELEVATION Q OF ROADS
3800' SW (965)

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) Walter P. Lepert
 R.P.E. 7410 L.L.S. _____



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE FEB. 8, 19 85
 OPERATOR'S WELL NO. _____
 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 STATE 47 COUNTY 061 PERMIT 0766

LOCATION: ELEVATION 1050 WATERSHED LONG DRAIN RUN
 DISTRICT CLAY COUNTY MONONGALIA
 QUADRANGLE BLACKSVILLE 7.5 15'

SURFACE OWNER SARA B. SEAMAN ACREAGE 80.11
 OIL & GAS ROYALTY OWNER MERL D. WRIGHT et ux LEASE ACREAGE 80.11
 LEASE NO. 09/29/2023

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

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ELK ESTIMATED DEPTH 5600
 WELL OPERATOR HYDROCARBON EXPLORATION INC. DESIGNATED AGENT AL SORCAN
 ADDRESS PO DRAWER 976 ADDRESS PO DRAWER 976
BUCKHANNON W. VA. BUCKHANNON W. VA.

10522
 LONGITUDE 80° 08' 30"
 COUNTY NAME Monongalia
 PERMIT 0766

FURM IV-6 (8-78)
 P. I. HALL