



1) Date: October 1, 1984
 2) Operator's Well No. Westfall No. 1
 3) API Well No. 47 - 001 - 2156
 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 / Underground storage / Deep / Shallow X /)
- 5) LOCATION: Elevation: 2150' Watershed: Devil Run MTM4
 District: Valley County: Barbour Quadrangle: Ellamore 7 1/2'
- 6) WELL OPERATOR Denex Petroleum Corp. 7) DESIGNATED AGENT R. Dennis Xander
 Address Rt. 5, Box 560 Address Rt. 5, Box 560
Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Russell Beall Name Union Drilling, Inc
 Address P.O. Box 160 Address P.O. Drawer 40
Philippi, WV 26416 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill X / Drill deeper / Redrill / Stimulate /
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Benson, Elk
- 12) Estimated depth of completed well, 5200' feet
 13) Approximate trata depths: Fresh, 75 feet; salt, 300 feet.
 14) Approximate coal seam depths: 35', 75' 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	11 3/4		42#	X		30'	0	0		Kinds
Fresh water	8 5/8		20#	X		850'	850'	220sks		Sizes
Coal										Sizes
Intermediate										Sizes
Production	4 1/2		10.5	X		5200'	5200'	500sks		Depths set
Tubing										Depths set
Liners										Perforations:
										Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-001-2156 Date October 2, 1984

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. October 2, 1986
 Permit expires October 2, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BB	Agent: <u>T.S.</u>	Plat: <u>TS</u>	Casing: <u>TS</u>	Fee: <u>205</u>
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T. J. [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: ...
 2) WELL OPERATOR: ...
 3) WELL DESIGNER: ...
 4) WELL DRILLING CONTRACTOR: ...
 5) PROPOSED WELL WORK: ...
 6) GEOLOGICAL TARGET INFORMATION: ...
 7) CASING AND TUBING PROGRAM: ...

OFFICE USE ONLY

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

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

OTHER INSPECTIONS

Reason: _____
 Reason: _____

1) Date: October 1, 1984
2) Operator's Well No. Westfall No. 1
3) API Well No. 47-001-2156
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 David Kent Moss
Address Rt. 3, Box 68
Elkins, WV 26241
- (ii) Name Rosemary Moss c/o D.K. Moss
Address Rt. 3, Box 68
Elkins, WV 26241
- (iii) Name Virgie George c/o D.K. Moss
Address Rt. 3, Box 68
Elkins, WV 26241

5(i) COAL OPERATOR None
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD
Name D.K. Moss, etal
Address Rt. 3, Box 68
Elkins, WV 26241

Name _____
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address _____

FEE SIMPLE OWNERSHIP

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

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

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

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

6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
- The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

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

R. Dennis Xander
this 1st day of October, 1984.
My commission expires 5-17, 1994.

Randa J. Osburn
Notary Public, Upshur County,
State of West Virginia

WELL

OPERATOR DEMEX PETROLEUM CORPORATION

By R. Dennis Xander
Its President
Address Rt. 5, Box 560
Buckhannon, WV 26210
Telephone 304 472-0998

12/01/2023



12/01/2023

IV-9
(Rev 8-81)



DATE August 29, 1984

WELL NO. Westfall #1

State of West Virginia
Department of Mines
Oil and Gas Division

API NO. 47-001-2156

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Denex Petroleum DESIGNATED AGENT Denex Petroleum
Address Rt. 5, Box 560, Buckhannon, WV 26201 Address Rt. 5, Box 560, Buckhannon, WV 26201
Telephone 472-0898 Telephone 472-0898

LANDOWNER Rosemary Moss, et al SOIL CONS. DISTRICT Tygart Valley
Revegetation to be carried out by _____ Seeding Contractor _____ (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections and additions become a part of this plan:

9-6-84
(Date)
[Signature]
(SCD Agent)

ACCESS ROAD

LOCATION

Structure <u>Culvert</u>	(A)	Structure <u>Diversion ditch</u>	(1)
Spacing <u>NA (15" dia.)</u>		Material <u>earth</u>	
Page Ref. Manual <u>2.7</u>		Page Ref. Manual <u>2.12</u>	
Structure <u>Drainage ditch</u>	(B)	Structure <u>Rip-rap</u>	(2)
Spacing <u>NA</u>		Material <u>stone</u>	
Page Ref. Manual <u>2.1</u>		Page Ref. Manual <u>2.14</u>	
Structure <u>Cross drains</u>	(C)	Structure _____	(3)
Spacing <u>45' to 60'</u>		Material _____	
Page Ref. Manual <u>2.1</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

Woods Treatment Area I		Woods Treatment Area II	
Lime <u>3</u> Tons/acre	or correct to pH <u>6.5</u>	Lime <u>3</u> Tons/acre	or correct to pH <u>6.5</u>
Fertilizer <u>600</u> lbs/acre	(10-20-20 or equivalent)	Fertilizer <u>600</u> lbs/acre	(10-20-20 or equivalent)
Mulch <u>Kentucky 31</u> 35 Tons/acre		Mulch <u>Kentucky 31</u> 35 Tons/acre	
Seed* <u>Birdsfoot Trefoil</u> 12 lbs/acre		Seed* <u>Birdsfoot Trefoil</u> 12 lbs/acre	
<u>Annual ryegrass</u> 12 lbs/acre		<u>Annual ryegrass</u> 12 lbs/acre	
	lbs/acre		lbs/acre

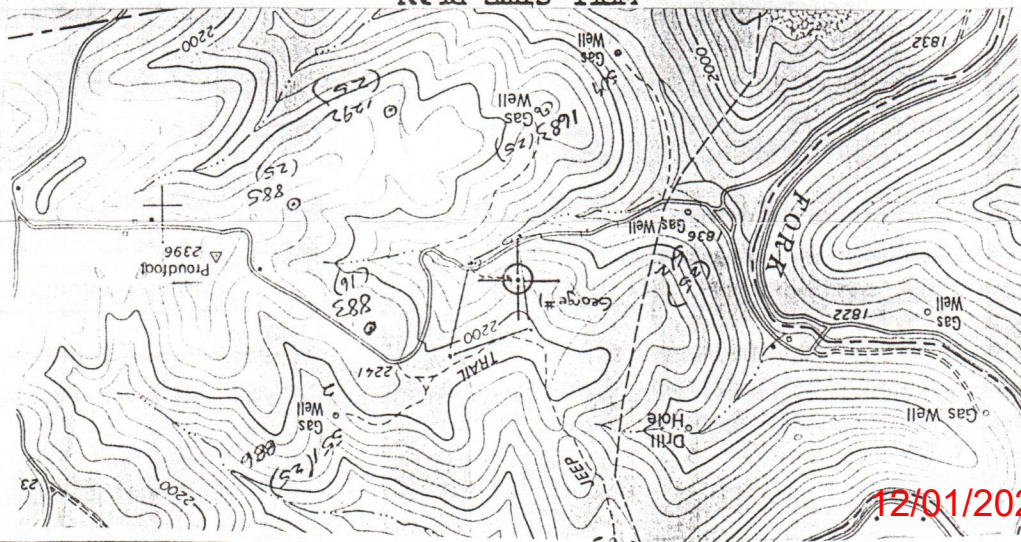
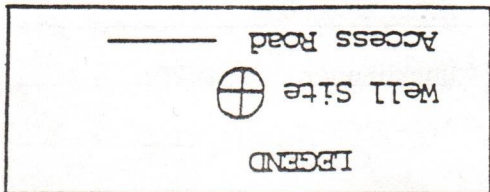
*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

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

PLAN PREPARED BY David L. Jackson **12/01/2023**
ADDRESS P.O. Box 969
Buckhannon, WV 26201
PHONE NO. 472-9369

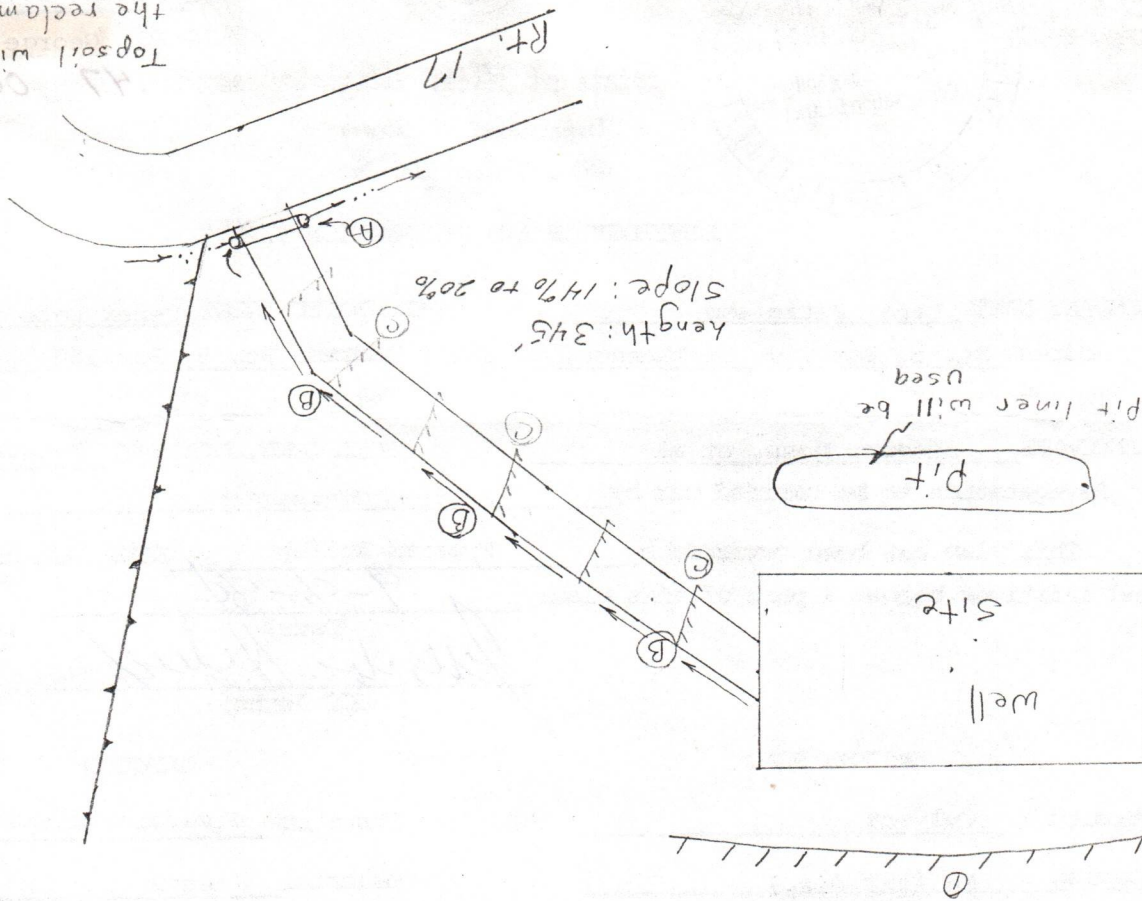
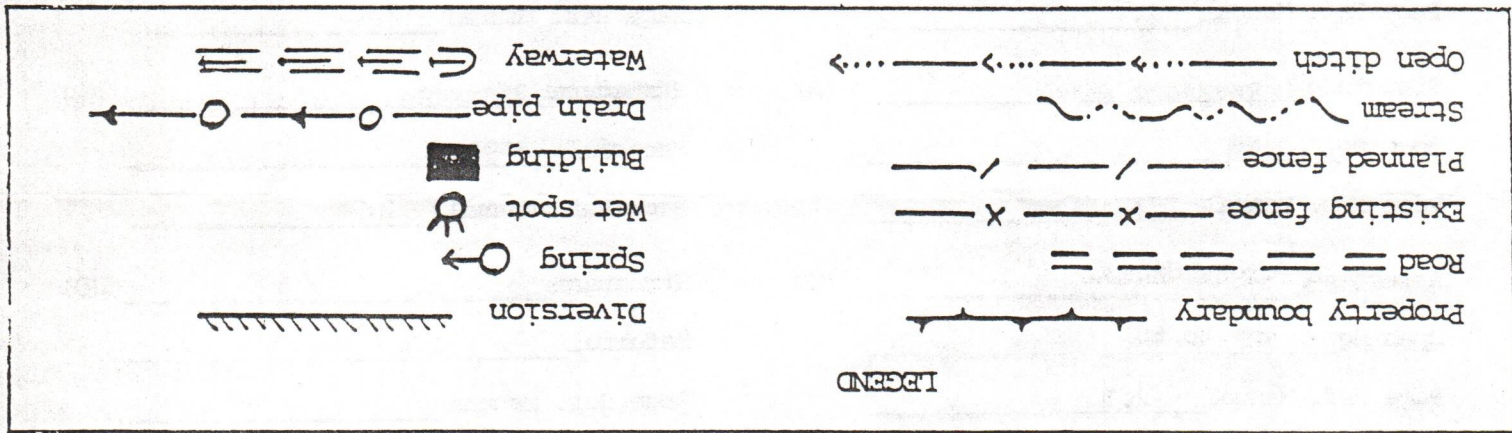
ATTACH OR PHOTOGRAPHY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Ellamore 7 1/2'

(REV 8-81)



12/01/2023

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.



Topsoil will be saved for the reclamation work. Usable timber will be cut and stacked off the well site.



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS
1615 Washington Street, East
Charleston, West Virginia 25311
Telephone: 348-3500
October 28, 1985

ARCH A. MOORE, JR.
Governor

United States Fidelity and Guaranty Company
Charleston Branch Office
Post Office Box 4078 Kanawha City Station
Charleston, West Virginia 25304

Attn: Francis T. Oliver, Jr.

In Re: Single Bonds
Denex Petroleum Corporation

Dear Mr. Oliver:

Enclosed are the following single bonds stamped cancelled as of today's date:

Bond # 10-0130-12009-84-3 dated 9-28-84 (BAR-2156)
Bond # 10-0130-12368-84-3 dated 11-14-84 (HAR-3121)
Bond # 10-0130-12369-84-0 (HAR-3122)
Bond # 10-0130-12367-84-7 dated 11-14-84 (HAR-3126)
Bond # 10-0130-12366-84-1 dated 11-14-84 (HAR-3127)

The above captioned wells have been placed under the \$50,000.00 Blanket Bond #10-0130-11713-85-2 as per letter dated October 22, 1985.

Sincerely,

A handwritten signature in cursive script that reads "Charlotte Milam".

Charlotte Milam, Clerk
Dept. Energy-Division of Oil & Gas

cc: Denex Petroleum Corporation - Rt. 5, Box 560 - Buckhannon, WVa. 26201

12/01/2023



1) Date: October 1, 1984
 2) Operator's Well No. Westfall No. 1
 3) API Well No. 47 - 001
 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 _____ / Underground storage _____ / Deep _____ / Shallow x /)
- 5) LOCATION: Elevation: 2150' Watershed: Devil Run
 District: Valley County: Barbour Quadrangle: Ellamore 7 1/2'
- 6) WELL OPERATOR Denex Petroleum Corp. 7) DESIGNATED AGENT R. Dennis Yander
 Address Rt. 5, Box 560 Address Rt. 5, Box 560
Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Russell Beall Name Union Drilling, Inc
 Address P.O. Box 160 Address P.O. Drawer 40
Philippi, WV 26416 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill x / Drill deeper _____ / Redrill _____ / Stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Benson, Elk
 12) Estimated depth of completed well, 5200' feet
 13) Approximate strata depths: Fresh, 75 feet; salt, 300 feet.
 14) Approximate coal seam depths: 35', 75' 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	<u>1 13/4</u>		<u>42#</u>	<u>x</u>		<u>30'</u>	<u>0</u>	<u>0</u>		
Fresh water	<u>8 5/8</u>		<u>20#</u>	<u>x</u>		<u>850'</u>	<u>850'</u>	<u>220sks</u>		
Coal										
Intermediate										
Production	<u>4 1/2</u>		<u>10.5</u>	<u>x</u>		<u>5200'</u>	<u>5200'</u>	<u>500sks</u>		
Tubing										
Liners										

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.

X 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.

David Kent Moss agent
 By [Signature]

Date: _____, 19_____

Its _____

12/01/2023
 Coal Owner



1) Date: October 1, _____, 1984
 2) Operator's Well No. Westfall No. 1
 3) API Well No. 47 - 001
 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 _____ / Underground storage _____ / Deep _____ / Shallow x _____)
- 5) LOCATION: Elevation: 2150' Watershed: Devil Run
 District: Valley County: Barbour Quadrange: Ellamore 7 1/2'
- 6) WELL OPERATOR Denex Petroleum Corp. 7) DESIGNATED AGENT R. Dennis Xander
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Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Russell Beall Name Union Drilling, Inc
 Address P.O. Box 160 Address P.O. Drawer 40
Philippi, WV 26416 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill x / Drill deeper _____ / Redrill _____ / Stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Benson, Elk
- 12) Estimated depth of completed well, 5200' feet
 13) Approximate trata depths: Fresh, 75 feet; salt, 300 feet.
 14) Approximate coal seam depths: 35', 75' 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			
Conductor	<u>11 3/4</u>		<u>42#</u>	<u>x</u>		<u>30'</u>	<u>0</u>	<u>0</u>		Kinds
Fresh water	<u>8 5/8</u>		<u>20#</u>	<u>x</u>		<u>850'</u>	<u>850'</u>	<u>220sks</u>		
Coal										Sizes
Intermediate										
Production	<u>4 1/2</u>		<u>10.5</u>	<u>x</u>		<u>5200'</u>	<u>5200'</u>	<u>500sks</u>		Depths set
Tubing										
Liners										Perforations:
										Top Bottom

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

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.
 I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)
 NAME: _____
 By _____
 Its _____ Date _____

(For execution by natural persons)
X
David Kent Moss, agent Date: 10-1-84
 (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.

IV-35
(Rev 8-81)

RECEIVED
JAN 21 1985



OIL & GAS DIVISION
DEPT. OF MINES
State of West Virginia
Department of Mines
Oil and Gas Division

Date January 17, 1985
Operator's Westfall #1
Well No. Westfall #1
Farm Westfall
API No. 47 - 001 - 2156

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: 2150 Watershed Devil Run
District: Valley County Barbour Quadrangle Ellamore 7.5'

COMPANY Denex Petroleum Corporation
ADDRESS Rt. 5 Box 560 Buckhannon, WV 26201
DESIGNATED AGENT R. Dennis Xander
ADDRESS Rt. 5 Box 560 Buckhannon, WV 26201
SURFACE OWNER D. Kent Moss et. als.
ADDRESS Rt. 3 Box 68 Elkins, WV 26241
MINERAL RIGHTS OWNER D. Kent Moss et. als.
ADDRESS Rt. 3 Box 68 Elkins, WV 26241
OIL AND GAS INSPECTOR FOR THIS WORK Russell Beall
ADDRESS Parsons, WV
PERMIT ISSUED October 2, 1984
DRILLING COMMENCED October 17, 1984
DRILLING COMPLETED October 24, 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	844	844	220 sx
7			
5 1/2			
4 1/2		5217.35	700 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Elk Depth 4900 feet
Depth of completed well 5328 feet Rotary x / Cable Tools
Water strata depth: Fresh 95 feet; Salt None feet
Coal seam depths: 28' Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Elk Pay zone depth 4900 feet
Gas: Initial open flow 26 Mcf/d Oil: Initial open flow -0- Bbl/d
Final open flow 822 Mcf/d Final open flow -0- Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 810 psig (surface measurement) after hours shut in
(If applicable due to multiple completion--) COMINGLED - See Reverse
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)

BAR
2156

Fractured 11/01/84 (Dowell)

REVIEWED

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

1st Stage (Elk)-Perforations:2 holes 5170-2;2 holes 5112-4;5 holes 4903-7;5 holes 4878-82
 Fracture:1000 gal 15% acid;15,000 lbs 80/100;30,000 lbs 20/40
 Breakdown 2400 psi; Avg. Rate 25 BPM Avg Pressure 2453 psi ISIP 1800 psi
 2nd Stage- Perforation:2 holes 4120-2; 8 holes 3954-60; 2 holes 3704-6; 3482-84-5 shots
 (Alexander, Fracture: 750 gal 15% acid; 15,000 lbs 80/100; 30,000 lbs 20/40
 Benson,Riley) Breakdown 2500 psi; Avg Rate 28 BPM; Avg. Pressure 2025 psi; ISIP 900 psi
 3rd Stage -Perforations: 12 holes 2674-80 Fracture 500 gal 15% acid; 30,000 lbs
 (Balltown) 20/40 Breakdown 2200, Avg. Rate 32 BPM; Avg. Pressure 1950 psi; ISIP 1200 psi
 4th Stage- Perforations: 2186-90 4shots; 2130 2 shots; 2016-8 3 shots; 1922-4' 3 shots
 (Elizabeth, Fracture: 750 gal 15% Acid 30,000 lbs 20/40
 Bayard, 5th, Breakdown: 2100 psi Avg. Rate: 34 BPM Avg Pressure 1600 psi ISIP 100 psi
 4th)

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Clay			0	8	
Shale			8	10	
Sand			10	14	
Sand & Shale			14	28	
Coal			28	31	
Sand			31	149	95 1/2 water
Sand & Shale			149	717	
Sand & Shale			717	1115	1010' hole damp
Big Lime			1115	1220	
Big Injun			1220	1314	
Sand & Shale			1314	3700	Check Gas 1606 No show
Benson			3700	3790	Check Gas 2259 No show
Sand & Shale			3790	3950	Check Gas 3005 No show
			3950	4030	Check Gas 4037 No show
Sand & Shale			4030	5010	Check Gas 4506 No show
Elk			5010	5017	Check Gas 5017 16/10 1" pw/w
Sand & Shale			5017	5139	
2nd Elk			5139	5147	
Sand			5147	5157	
Shale			5157	5328 T.D.	Check Gas T.D. 6/10 1 water

(Attach separate sheets as necessary)

Denex Petroleum Corporation

R. Dennis Xander
Well Operator

By: R. Dennis Xander, President

12/01/2023

Date: January 17, 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

RECEIVED
OCT 22 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-2156

Oil or Gas Well _____
(KIND)

Company <u>DENEX</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm _____ - <u>Moss</u>	16			Kind of Packer _____
Well No. _____ <u>Westfall #1</u>	13			
District _____ County <u>001</u>	10			Size of _____
Drilling commenced _____	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 Union - Rig #1

Remarks: Dug - Set conductor - pit liner & fell in pit.

10/18/84
DATE

R.C. Bruce
12/01/2023
DISTRICT WELL INSPECTOR

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							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

12/01/2023

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

RECEIVED
OCT 23 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 001-2156

Oil or Gas Well _____
(KIND)

Company <u>Dealex</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>Moss</u>	16			
Well No. <u>Westfall #1</u>	13			Size of _____
District _____ County <u>001</u>	10			
Drilling commenced _____	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 3/8			
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 _____			NAME OF SERVICE COMPANY _____
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			_____ FEET _____ INCHES _____ FEET _____ INCHES
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			_____ FEET _____ INCHES _____ FEET _____ INCHES
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Union - Rig #1

Remarks: Deq @ - 138' -

10/19/84
DATE

RC Beane
12/01/2023
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			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

12/01/2023

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

RECEIVED
OCT 29 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

DEPT. OF MINES
Oil or Gas Well
(KIND)

Permit No. 001-2156

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Dexet</u>	Size			
Address	16			Kind of Packer
Farm <u>Westfall (Moss)</u>	13			
Well No. <u>#1</u>	10			Size of
District _____ County <u>001</u>	8 1/4			
Drilling commenced _____	6 5/8			Depth set
Drilling completed _____ Total depth <u>5328</u>	5 3/16	<u>4 1/2 - 5297</u>	<u>5297</u>	<u>800 SAC -</u>
Date shot _____ Depth of shot _____	3			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top
Volume _____ Cu. Ft.				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			

Drillers' Names Union Rig #1

Remarks: Running 4 1/2 Cementing -
Recommend a close watch on pit +
sedimentation control -

10/24/84
DATE

R C Bease
12/01/2023
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
12/01/2023

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

RECEIVED
OCT 25 1984

INSPECTOR'S WELL REPORT

Permit No. 001-2156

Oil or Gas Wells Division
(KIND)
DEPT. OF MINES

Company <u>DENEX</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>MOSS</u>	16			Kind of Packer _____
Well No. <u>WEST #1</u>	13			
District _____ County <u>001</u>	10			Size of _____
Drilling commenced _____	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 Union - Rig #1

Remarks: Dug @ 4412' - pit filled within 8" of top - shot them down till DIAT was placed in the low spot - they were to haul out water from pit.

10/23/84
DATE

RG Bruce 12/01/2023
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
12/01/2023

10-2-84

INSPECTOR'S PERMIT SUMMARY FORM

WELL TYPE _____
ELEVATION _____
DISTRICT _____
QUADRANGLE Vally
COUNTY Barbair

API# 47- 001-2156
OPERATOR Doney Petroleum
TELEPHONE _____
FARM Moss
WELL # 1

SURFACE OWNER _____ COMMENTS _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED _____
DATE STARTED _____
LOCATION _____ NOTIFIED _____ DRILLING COMMENCED _____

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

APR 22 1986

CASING

Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up

TD _____ feet on _____

PLUGGING

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____

Field analysis ph _____ fe _____ cl _____

Well Record received _____

Date Released H-17-86

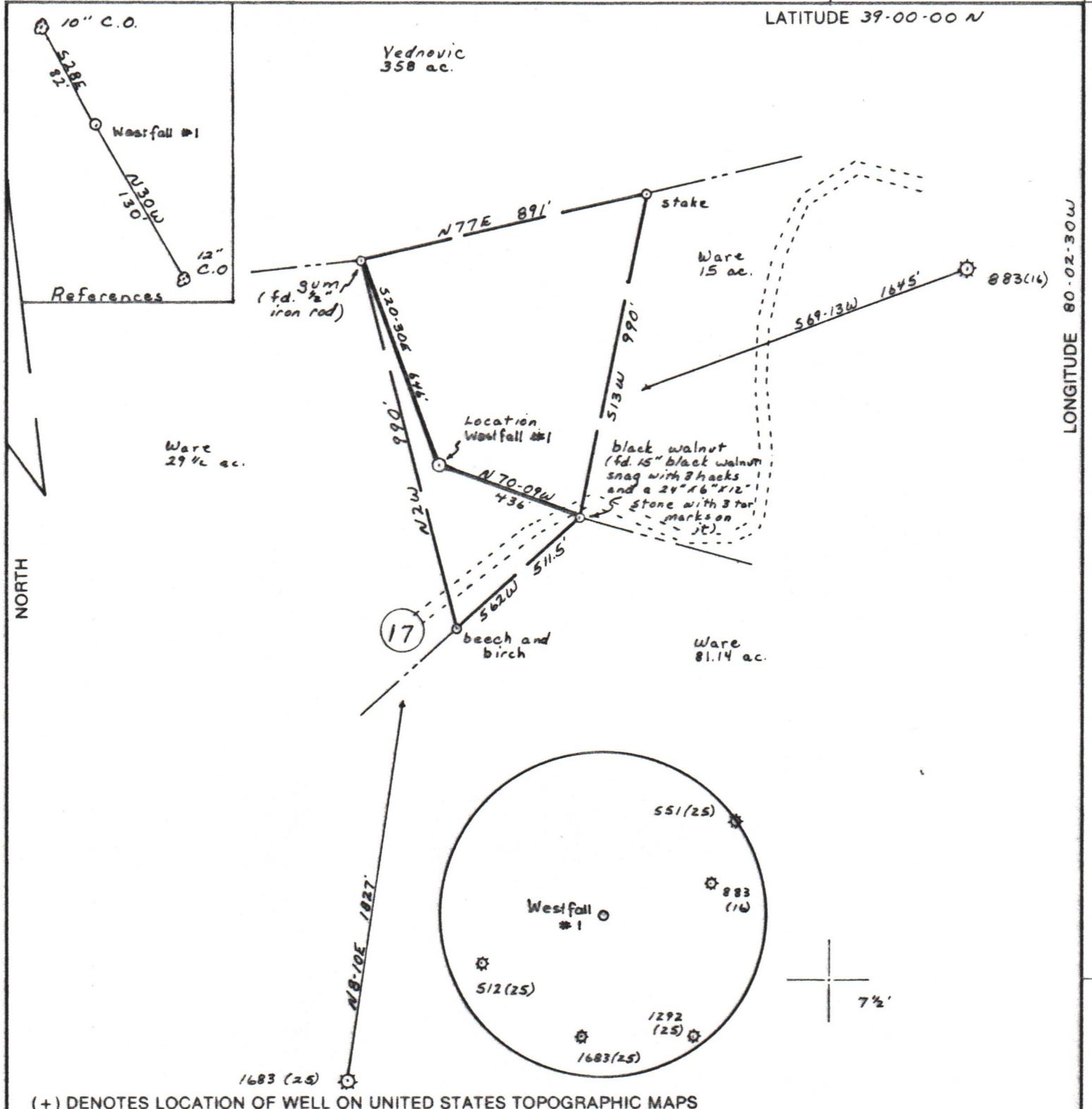
Phillip Tracy 12/01/2023
Inspector's signature

API# 47 _____ - _____

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

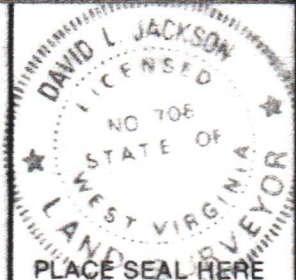
Notes



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

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Spot elevation 1500' northeast of Location; elev. 2241

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) David L. Jackson
 R.P.E. _____ I.L.S. 708



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE August 24, 1984
 OPERATOR'S WELL NO. Westfall #1
 API WELL NO. _____

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

LOCATION: ELEVATION 2150 WATER SHED Devil Run
 DISTRICT Valley COUNTY Barbour
 QUADRANGLE Ellamore 7 1/2

SURFACE OWNER Rosemary Moss et al ACREAGE 15
 OIL & GAS ROYALTY OWNER Rosemary Moss et al LEASE ACREAGE 15
 LEASE NO. 1001

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

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Benson, Elk ESTIMATED DEPTH 5300
 WELL OPERATOR Dener Petroleum DESIGNATED AGENT Dener Petroleum
 ADDRESS Rt. 5, Box 560, Buckhannon, WV 26201 ADDRESS Rt. 5, Box 560, Buckhannon, WV 26201

COUNTY NAME

PERMIT

FORM IV-6 (8-78)

H.T. HALL