

RECEIVED  
FORM IV-2(B)  
(Obverse)  
7-83  
FILE COPY

NOV 26 1984



1) Date: November 16, 1984  
2) Operator's Well No. LaRosa No. 1  
3) API Well No. 47 - 033 - 3127  
State County Permit

OIL & GAS DIVISION  
DEPT. OF MINES

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: 1098 / Watershed: Simpson Creek / District: Simpson / County: Harrison / Quadrangle: Clarksburg 7.5'
- 6) WELL OPERATOR Denex Petroleum Corp. / Address: Rt. 5, Box 560, Buckhannon, WV 26201
- 7) DESIGNATED AGENT R. Dennis Xander / Address: Rt. 5, Box 560, Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED / Name: Stephen Casey / Address: Rt. 2, Box 232D, Jane Lew, WV 26378
- 9) DRILLING CONTRACTOR: / Name: SW Jack / Address: P.O. Box 48, Buckhannon, WV 26201
- 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, Benson
- 12) Estimated depth of completed well, 4775 feet
- 13) Approximate strata depths: Fresh, 50-100' feet; salt, -0- feet.
- 14) Approximate coal seam depths: 130; 425; 550 / Is coal being mined in the area? Yes  / No  /

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11 3/4		42		x	30	0	0	Kinds
Fresh water	8 5/8		20	x		1200'	1200'	280sx or by	rule 15.05
Coal									Sizes
Intermediate									
Production	4 1/2		10.5	x			4775'	550	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-033-3127

December 6, 1984  
Date

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 December 6, 1986 unless work is commenced prior to that date and prosecuted with due diligence.

Bond: <b>BB</b>	Agent: <b>MW</b>	Plat: <b>MW</b>	Casing: <b>MW</b>	Fee: <b>313</b>
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*Margaret J. Bass*  
Administrator, Office of Oil and Gas

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

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

File



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DEPT. OF MINES  
OIL & GAS DIVISION

OFFICE USE ONLY

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

1. LOCATION: \_\_\_\_\_

2. WELL OPERATOR: \_\_\_\_\_

3. WELL'S EXISTING PERMIT TO BE MODIFIED: \_\_\_\_\_

4. NAME OF PROPOSED WELL WORK: \_\_\_\_\_

5. OTHER PHYSICAL CHANGES IN WELL: \_\_\_\_\_

6. GEOLOGICAL TARGET FORMATION: \_\_\_\_\_

7. APPROXIMATE DEPTH OF PROPOSED WELL: \_\_\_\_\_

8. APPROXIMATE VOLUME OF PROPOSED WELL: \_\_\_\_\_

9. CASING AND TUBING PROGRAM: \_\_\_\_\_

DEPTH (FEET)	DIAMETER (INCHES)	TYPE	WEIGHT (LBS/FT)	JOINT LENGTH (FEET)	COUPLER TYPE	OTHER DATA
0 - 100	8.0	Steel	20	20	Standard	
100 - 200	8.0	Steel	20	20	Standard	
200 - 300	8.0	Steel	20	20	Standard	
300 - 400	8.0	Steel	20	20	Standard	
400 - 500	8.0	Steel	20	20	Standard	

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: \_\_\_\_\_

Inspected	Date	Inspector	Remarks
BB	11/2	MA	MA

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

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2) Operator's  
Well No. LaRosa No. 1  
3) API Well No. 47-033-3127  
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 James D. LaRosa  
Address 420 Buckhannon Pike  
Clarksburg, WV 26301  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5 (i) COAL OPERATOR None  
Address \_\_\_\_\_

5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD  
Name Stephen E. Reppert  
Address 232 West Olive Street  
Clarksburg, WV 26301  
Name James D. LaRosa  
Address 420 Buckhannon, Pike  
Clarksburg, WV 26301

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.

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 16 day of November, 19 84.

My commission expires 13 MARCH, 1984.

Robert K. Harvey  
Notary Public, State wide County,  
State of West Virginia

Denex Petroleum Corporation  
WELL OPERATOR [Signature]

By R. Dennis Xander  
Its President  
Address Rt. 5, Box 560  
Buckhannon, WV 26201  
Telephone 304 472-2186

DEPT. OF MINES  
OIL & GAS DIVISION

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NOV 26 1984

1111-1111

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY

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Robert H. Taylor  
1111-1111

LaRosa #1

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
James J. LaRosa	Explora Resources	* 1/8th	1142 224
Central Pittsburgh Coal Corporation	Explora Resources	* 1/8th	1142 169

Note: Leases in favor of Explora Resources have been assigned to Denex Petroleum Corp.

\* All leases provide for a one-eighth royalty, based on lessors ownership.



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 2) Operator's Well No. LaRosa No. 1  
 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 xx /  
 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow x /)  
 5) LOCATION: Elevation: 1098 Watershed: Simpson Creek  
 District: Simpson County: Harrison Quadrangle: Clarksburg 7.5'  
 6) WELL OPERATOR: Denex Petroleum Corp. 7) DESIGNATED AGENT: R. Dennis Xander  
 Address: Rt. 5, Box 560 Address: Buckhannon, WV 26201  
Buckhannon, WV 26201  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name: Stephen Casey Name: SW Jack  
 Address: Rt. 2, Box 232D Address: P.O. Box 48  
Jane Lew, WV 26378 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, Penson  
 12) Estimated depth of completed well, 4775 feet  
 13) Approximate strata depths: Fresh, 50-100' feet; salt, -0- feet.  
 14) Approximate coal seam depths: 130; 425; 550 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 SACS (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 <u>rule 15.05</u>
Fresh water	<u>8 5/8</u>		<u>20</u>	<u>x</u>		<u>1200'</u>	<u>1200'</u>	<u>280sx or by</u>	
Coal									
Intermediate									Depths set
Production	<u>4 1/2</u>		<u>10.5</u>	<u>x</u>		<u>4775'</u>	<u>4775'</u>	<u>550</u>	Perforations:
Tubing									Top
Liners									Bottom

DEPT. OF MINES, OIL & GAS DIVISION  
 NOV 14 1984  
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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) \_\_\_\_\_  
 (Signature) \_\_\_\_\_ Date: 3 DEC 84  
 (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.

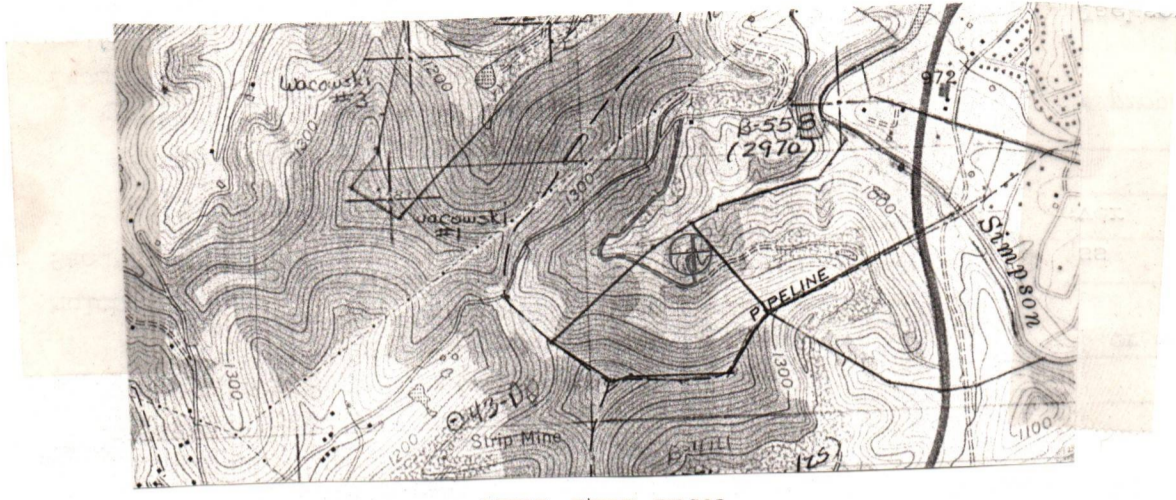
**List of Water Testing Laboratories.** The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Clarksburg 7 1/2'

LEGEND

Well Site 












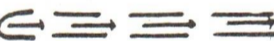
Access Road 



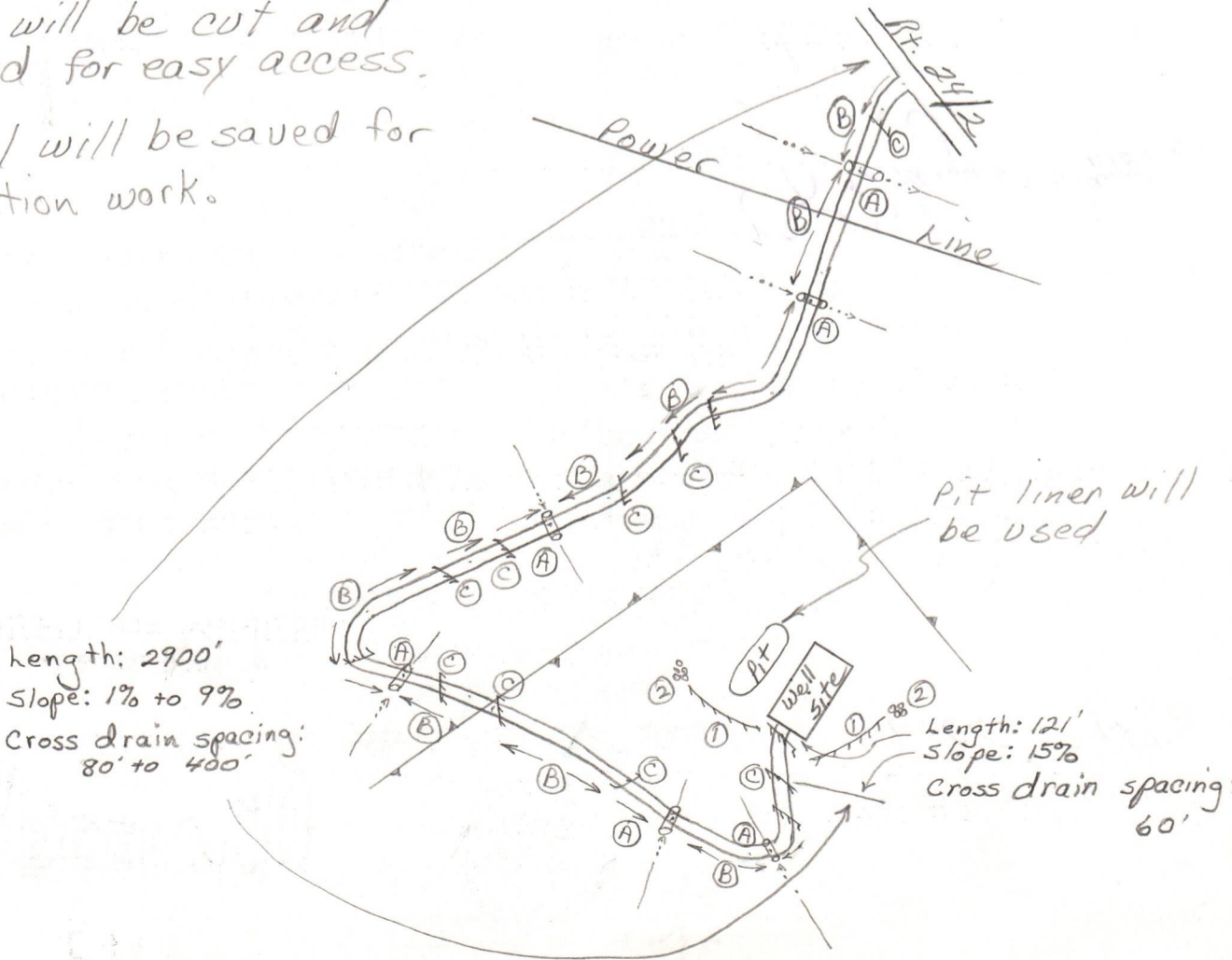
WELL SITE PLAN

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

LEGEND

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

*Timber will be cut and stacked for easy access.  
Topsoil will be saved for reclamation work.*





IV-9 (REV 8-81) RECEIVED NOV 26 1984



State of West Virginia

Department of Mines  
Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

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 James Larosa SOIL CONS. DISTRICT West Fork

Revegetation to be carried out by Seeding Contractor (Agent)

This plan has been reviewed by West Fork SCD. All corrections

and additions become a part of this plan:

(Date)

(SCD Agent)

*Handwritten signature and date: O. M. Langart 11/24/84*

ACCESS ROAD

LOCATION

(A) Structure Culvert Spacing 18" diameter Page Ref. Manual 2.7

(B) Structure Drainage ditch Spacing NA Page Ref. Manual 2.1

(C) Structure Cross drains Spacing as noted on back section of this plan Page Ref. Manual 2.14

(2) Structure Rip - Rap Material stone Page Ref. Manual 2.12

(1) Structure Diversion ditch Material earth Page Ref. Manual 2.12

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 3 Tons/acre or correct to pH 6.5

Lime 3 Tons/acre or correct to pH 6.5

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

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

Mulch Hay 2 Tons/acre

Mulch Hay 2 Tons/acre

Seed\* Orchard grass 12 lbs/acre

Seed\* Orchard grass 12 lbs/acre

Landing clover 3 lbs/acre

Landing clover 3 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 cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments.

PLAN PREPARED BY David L. Jackson

ADDRESS P.O. Box 969

Buckhannon, WV 26201

PHONE NO. 472-9369

DATE November 15, 1984

WELL NO. Larosa No. 1

API NO. 47-033-3127

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STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS DIVISION  
 OIL & GAS DIVISION  
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 Address Rt. 5, Box 560  
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 Address Rt. 2, Box 232D  
Jane Lew, WV 26378  
 9) DRILLING CONTRACTOR:  
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15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11 3/4		42		X	30	0	0	Kinds
Fresh water	2 5/8		20	X		1200'	1200'	280sx or by	rule 15.05
Coal									Sizes
Intermediate									
Production	4 1/2		10.5	X		<del>4775'</del>	4775'	550	Depths set
Tubing									
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. The undersigned does not warrant title, if any, to the subject coal.

BETHLEHEM PROPERTIES, INC.

Date: November 21, 19 84

By Alfred B. Bennett  
 Its \_\_\_\_\_  
 President

Coal Owner



1) Date: November 16, 1984  
 2) Operator's Well No. LaRosa No. 1  
 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 xx /  
 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow x /)
- 5) LOCATION: Elevation: 1098 Watershed: Simpson Creek  
 District: Simpson County: Harrison Quadrangle: Clarksburg 7.5'
- 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 Stephen Casey Name SW JACK  
 Address Rt. 2, Box 232D Address P.O. Box 48  
Jane Lew, WV 26378 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  
 12) Estimated depth of completed well, 4775 feet  
 13) Approximate trata depths: Fresh, 50-100' feet; salt, -0- feet.  
 14) Approximate coal seam depths: 130; 425; 550 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>	<u>None</u>
Fresh water	<u>8 5/8</u>		<u>20</u>	<u>x</u>		<u>1200'</u>	<u>1200'</u>	<u>280sx or by</u>	<u>15.05</u>
Coal									
Intermediate									
Production	<u>4 1/2</u>		<u>10.5</u>	<u>x</u>		<u>4775'</u>	<u>4775'</u>	<u>550</u>	<u>1984</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.

WAIVER

The undersigned coal operator \_\_\_\_\_ / owner X / 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: DECEMBER 3, 1984

By James O. L...  
 Its \_\_\_\_\_



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- 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



Well Fractured 12/28/84 (Halliburton)

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

Benson - Perforated 4503 to 4512 with 10 holes

Formation broke at 2600 psi

Ran 15,000 lbs 80/100 40,000 lbs 20/40

Avg. Rate 16BPM Avg. Pressure 2500 PSI ISIP 2200 PSI

Riley - Perforated 4376-7.5 w/2shots; 4355-8 w/6shots; 4341-2 w/2shots;

4288-9 w/2shots Formation broke at 2700 psi

Ran 15,000 lbs 80/100 24,000 lbs 20/40

Avg. Rate 18 BPM Avg. Pressure 2400 PSI ISIP 1900 PSI

Speechley - Perforated 3180-5 w/6shots; 3095-7 w/4shots

Formation broke at 3,000 PSI

Ran 15,000 lb 80/100 35,000 lbs 20/40

Avg. Rate 19 BPM Avg. Pressure 2200 PSI ISIP 1700 PSI

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Fill			0	5	
Shale			5	30	
Sand & Shale			30	35	
Sand			35	105	Hole wet at 80' 1/2" stream
Coal			105	109	
Sand & Shale			109	115	
Sand			115	180	
Sand			180	260	Water at 260' 1" stream
Sand & Shale			260	291	
Sand & Shale			291	321	
Sand			321	382	
Sand & Shale			382	412	
Shale			412	430	
Shale & Sand			430	469	
Coal			470	475	
Shale			500	531	
Shale & Sand			531	562	
Shale & Coal			589	593	
Shale & Sand			593	625	
Sand			625	656	
Sand & Shale			656	687	
Shale			687	717	
Shale			717	748	
Shale & Sand			748	780	
Sand			780	811	
Sand			811	842	
Sand & Shale			842	874	
Sand			874	906	
Sand			906	937	
Sand & Shale			937	968	
Shale & Sand			968	999	
Sand & Shale			999	1030	
Shale & Red Rock			1030	1061	
Sand			1061	1093	
Sand & Shale			1093	1124	
Shale & Sand			1124	1156	
Shale & Sand			1156	1187	
Sand & Shale & Red Rock			1187	1216	

(Attach separate sheets as necessary)

Denex Petroleum Corporation

*[Signature]*  
Well Operator

By: R. Dennis Xander, President

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."

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 LaRosa #1  
Well No. LaRosa #1  
Farm LaRosa  
API No. 47 - 033 - 3127

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: 1098 Watershed Simpson Creek  
District: Simpson County Harrison Quadrangle Clarksburg 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  
SURFACE OWNER James D. LaRosa  
ADDRESS \_\_\_\_\_  
MINERAL RIGHTS OWNER James J. LaRosa et. al  
ADDRESS \_\_\_\_\_  
OIL AND GAS INSPECTOR FOR THIS WORK Stephen Casey  
ADDRESS Rt. 2 Box 2320 Jane Lew WV 26378

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	1182'	1182'	300 sks
7			
5 1/2			
4 1/2		4565'	350 sks
3			
2			
Liners used			

PERMIT ISSUED December 6, 1984  
DRILLING COMMENCED December 17, 1984  
DRILLING COMPLETED December 22, 1984

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

GEOLOGICAL TARGET FORMATION Benson Depth 4515 feet  
Depth of completed well 4669 feet Rotary x / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh 260 feet; Salt None feet  
Coal seam depths: 109'; 475'; 589' Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Benson Pay zone depth 4500-15 feet  
Gas: Initial open flow 84 Mcf/d Oil: Initial open flow -0- Bbl/d  
Final open flow 1476 Mcf/d Final open flow -0- Bbl/d  
Time of open flow between initial and final tests 4 hours

Static rock pressure 1780 psig (surface measurement) after 120 hours shut in  
(If applicable due to multiple completion--) COMINGLED

Second producing formation Riley/ Speechley Pay zone depth see reverse 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)

HARR 3127

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale	1255	1460	
Big Lime	1460	1521	
Big Injun	1526	1558	
Sand & Shale	1558	1589	
Sand	1589	1620	
Sand & Shale	1620	1651	
Shale	1651	1681	
Shale	1681	1713	
Shale & Sand	1713	1744	
Sand & Shale	1744	1776	
Shale & Sand	1776	1807	
Sand & Shale	1807	1868	
Sand & Shale	1868	1899	
Shale	1899	1930	
Shale & Sand	1930	1961	
Shale & Sand	1961	1993	
Sand	1993	2023	Check Gas at 2023' No show
Sand & Shale	2023	2054	
Shale	2054	2085	
Sand	2085	2116	
Sand	2116	2146	
Shale	2440	2495	
Sand & Shale	2495	2860	Check Gas at 2519' No show
Sand	2860	2895	
Sand & Shale	2895	3000	Check Gas at 2955' No show
Sand & Shale	3000	3081	
Sand & Shale	3081	3112	
Sand & Shale	3112	3143	
Sand & Shale	3112	3143	
Shale & Sand	3143	3174	
Sand Shale	3174	3205	
Sand & Shale	3205	3235	
Shale	3235	3267	
Shale	3267	3298	
Shale	3298	3329	
Sand & Shale	3329	3360	
Sand & Shale	3360	3391	
Sand & Shale	3391	3422	Check Gas at 3422' No show
Sand & Shale	3422	3452	
Sand & Shale	3452	3483	
Shale & Sand	3483	3514	
Shale & Sand	3514	3545	
Sand & Shale	3545	3576	
Shale & Sand	3576	3607	
Sand	3607	3638	
Shale	3638	3670	
Shale & Sand	3670	3700	
Sand & Shale	3700	3731	
Shale & Sand	3731	3792	
Sand	3792	3824	
Sand & Shale	3824	3885	
Shale & Sand	3885	3947	
Sand & Shale	3947	4010	
Shale & Sand	4010	4072	Check Gas at 4041' 2/10 2" w/w
Shale & Sand	4104	4350	
Sand Riley	4350	4375	
Sand & Shale	4375	4515	Check Gas at 4512' 10/10 2" w/w
Benson	4515	4525	
Sand & Shale	4525	4669	Check Gas at 4650' 7/10 2" w/w Check Gas at Collers 4/10 2" w/w

HARR  
3127



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

RECEIVED  
DEC 20 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES  
Oil or Gas Well \_\_\_\_\_  
(KIND)

Permit No. 33-3127

Company <u>Demux</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>La Rosa</u>	16			Kind of Packer _____
Well No. <u>1</u>	13			Size of _____
District <u>Simpson</u> County <u>Harr.</u>	10			Depth set _____
Drilling commenced <u>12-17-84</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			Perf. top _____
Date shot _____ Depth of shot _____	5 3/16			Perf. bottom _____
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			
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 SWJ 23

Remarks:

12-17-84  
DATE

Steve Casper  
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. 751888

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY 16

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: \_\_\_\_\_

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

APR 15 1982  
DISTRICT WELL INSPECTOR

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

RECEIVED

DEC 26 1984

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 33-3127

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

Company Denex

Address \_\_\_\_\_

Farm Lia Rosa

Well No. 1

District \_\_\_\_\_ County Harv.

Drilling commenced \_\_\_\_\_

Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_

Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_

Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Fresh water 30 feet 260 feet

Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 1/2			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 105 FEET 48 INCHES

470 FEET 60 INCHES 589 FEET 60 INCHES

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

Drillers' Names SWJ 23

Remarks: 8 5/8 1182' 300 SKS. Halliburton

12-19-84  
DATE

Steve Casey  
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. 5318-88

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY Wayne

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 2/16/82

42-PI-51

DISTRICT WELL INSPECTOR



RECEIVED  
NOV 01 1985

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

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT

COMPANY Denex Peti

PERMIT NO 33-3127 (12-06-84)

FARM & WELL NO LaRosa 1

DIST. & COUNTY Simpson Harr.

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 Steve Casey

DATE 10-30-85

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. [Signature]  
Administrator-Oil & Gas Division

November 5, 1985  
DATE

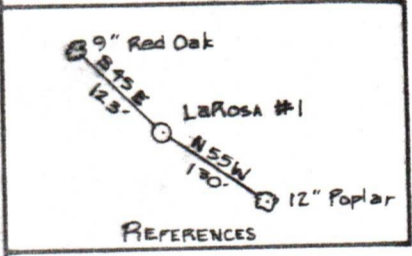
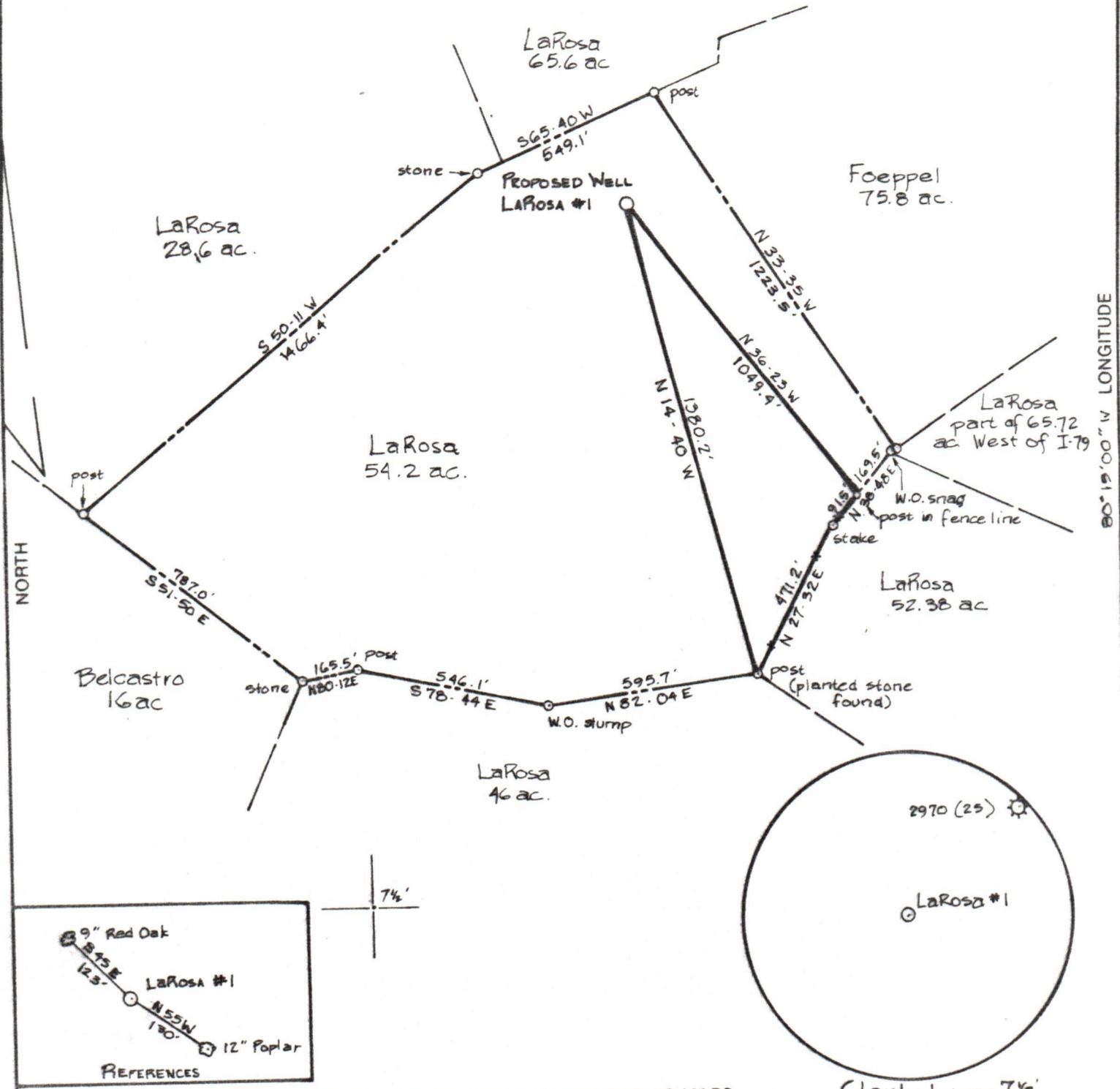
177-11/26/84

10,650'

LATITUDE 39°20'

LONGITUDE N. 00° 51' 08"

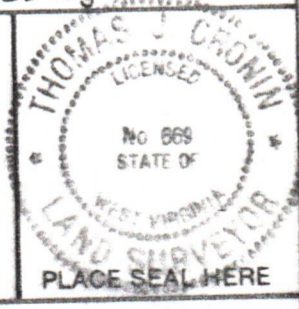
NORTH



(+) 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 B.M. South of Location, elev. 1059

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) [Signature]  
 R.P.E. \_\_\_\_\_ I.L.S. 669



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



DATE November 15, 1984  
 OPERATOR'S WELL NO. LaRosa #1  
 API WELL NO. \_\_\_\_\_

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

LOCATION: ELEVATION 1098 WATER SHED Simpson Creek  
 DISTRICT Simpson COUNTY Harrison  
 QUADRANGLE Clarksburg 7 1/2

SURFACE OWNER James LaRosa ACREAGE 194.86 ac  
 OIL & GAS ROYALTY OWNER J. LaRosa, et al LEASE ACREAGE 54.2 ac  
 LEASE NO. 1003

PROPOSED WORK: DRILL X 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 ESTIMATED DEPTH 4775  
 WELL OPERATOR Denex Petroleum Corp. DESIGNATED AGENT Dennis Xander  
 ADDRESS Rt 5, Box 560; Buckhannon WV 26201 ADDRESS Rt 5, Box 560; Buckhannon, WV 26201

FORM IV-6 (8-78) H.T. HALL

COUNTY NAME PERMIT