

RECEIVED

MAY 29 1985



1) Date: April 22, 1985, 19__
 2) Operator's Well No. Posey #1
 3) API Well No. 47 - 033-3214
 State County Permit

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

OIL & GAS DIVISION

APPLICATION FOR A WELL WORK PERMIT

DEPT. OF MINES

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 1141 Watershed: Stutler Fork
 District: Union 0 County: Harrison Quadrangle: Big Isaac 25-2
- 6) WELL OPERATOR Anvil Oil Co., Inc 7) DESIGNATED AGENT Justin L. Henderson
 Address P.O. Box 2566 Address 253 Carr Ave.
Clarksburg, W.Va. 26301 2275 Clarksburg, W.Va. 26301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Stephen Casey Name Unknown
 Address Rt. 2, Box 232-D Address _____
Jane Lew, W.Va. 26378
- 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, Alexander
- 12) Estimated depth of completed well, 5500 feet
- 13) Approximate strata depths: Fresh, 220' feet; salt, N/A feet.
- 14) Approximate coal seam depths: 323 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					30	30		Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	20#	20#	x		670	670	to surf.	by rule 15.05
Production	4 1/2	J55	10.5#	x		5500	5500	350 SKS	or as required
Tubing									Perforations 1.501
Liners									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-033-3214

May 31 19 85

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 May 31, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing:	Fee:
7	AIB	MH	MH	1726

Margaret J. Hasse
 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



RECEIVED
MAY 23 1987

OFFICE USE ONLY

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

1) DATE: _____

2) OPERATOR'S WELL NO.: _____

3) API WELL NO.: _____

4) COUNTY: _____

5) LOCATION: _____

6) WELL OPERATOR: _____

7) DESIGNATED AGENT: _____

8) OIL & GAS INSPECTOR TO BE NOTIFIED: _____

9) DRILLING CONTRACTOR: _____

10) PROPOSED WELL WORK: _____

11) GEOLOGICAL TARGET FORMATION: _____

12) ESTIMATE DEPTH OF COMPLETED WELL: _____

13) APPROXIMATE TRAIL DEPTH: _____

14) APPROXIMATE COAL SEAM DEPTH: _____

15) 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: _____

Permit number: _____

APPROVED: _____

DATE: _____



1) Date: April 22, 1985, 19____
 2) Operator's Well No. Posey #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 X /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 1141 Watershed: Stutler Fork
 District: Union County: Harrison Quadrangle: Big Isaac
- 6) WELL OPERATOR Anvil Oil Co., Inc 7) DESIGNATED AGENT Justin L. Henderson
 Address P.O. Box 2566 Address 253 Carr Ave.
Clarksburg, W.Va. 26301 Clarksburg, W.Va. 26301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Stephen Casey Name Unknown
 Address Rt. 2, Box 232-D Address _____
Jane Lew, W.Va. 26378
- 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, Alexander
- 12) Estimated depth of completed well, 3500 feet
 13) Approximate trata depths: Fresh, 220' feet; salt, N/A feet.
 14) Approximate coal seam depths: 323 Is coal being mined in the area? Yes _____ / No _____

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILLUP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	<u>11 3/4</u>					<u>30</u>	<u>30</u>		Kinds
Fresh water									
Coal									Sizes
Intermediate	<u>8 5/8</u>	<u>20#</u>	<u>20#</u>	<u>x</u>		<u>670</u>	<u>670</u>	<u>to sur</u>	
Production	<u>4 1/2</u>	<u>J55</u>	<u>10.5#</u>	<u>x</u>		<u>5500</u>	<u>5500</u>	<u>250 sbs</u>	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

RECEIVED
 MAY 29 1985
 OIL & GAS DIVISION
 DEPT. OF MINES

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 _____

Kenneth E. Jenkins Date: 4/23/85
 (Signature)
Linda M. Jenkins Date: 4/23-85
 (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.

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.

I N F O R M A T I O N S U P P L I E D U N D E R C O D E § 22-4-11(d)
I N L I E U O F F I L I N G L E A S E (S) A N D O T H E R C O N T I N U I N G C O N T R A C T (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>
Mildred Posey, et vir	Manna Oil & Gas Co (Anvil Oil Co., Inc.)	1/8	1147/52



1) Date: April 22, 1985, 1985
2) Operator's Well No. Posey #1
3) API Well No. 47 - 033 - 3214
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 Kenneth E. Junkins
Address Rt. 2, Box 169
Jane Lew, Ill. Va. 26378
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR NONE
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name NONE
Address _____
Name _____
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name NONE
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

WELL OPERATOR Arnold Oil Co., Inc.
By Justin L. Henderson
Its President
Address P.O. Box 2566
Clarksburg, W. Va. 26301
Telephone 304-622-6483

this 22 day of April, 1985.
My commission expires 7/8, 1990.



James E. Johnson
Notary Public, _____ County,
State of West Virginia

Commissioner for West Virginia

RECEIVED
MAY 29 1985

DEPT. OF M.

ATTACH OR PHOTOCOPY SECTION
OF INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE Big Isaac 7.5'

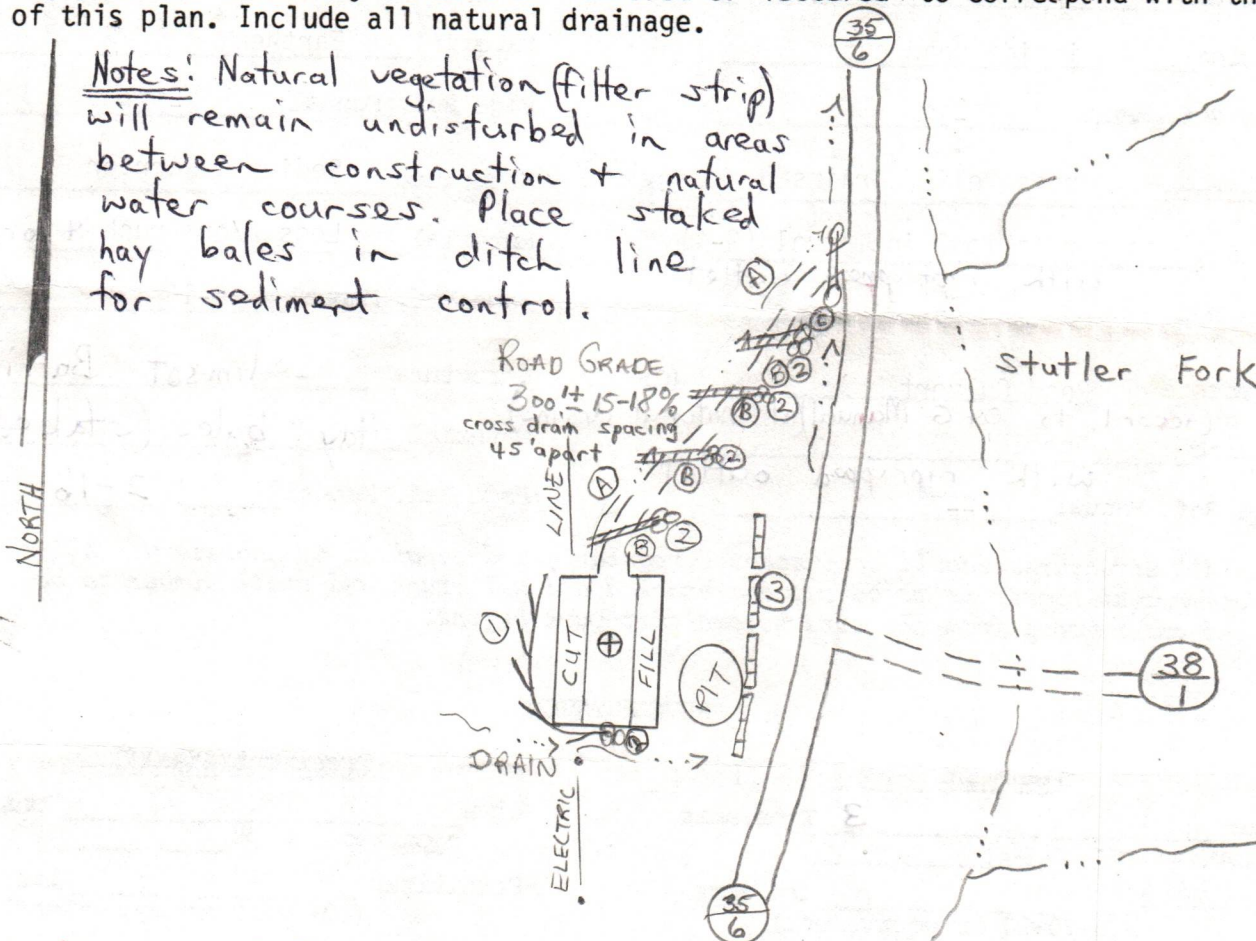
LEGEND
WELL SITE  ACCESS ROAD 



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.




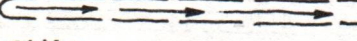

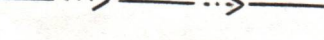
Notes: Natural vegetation (filter strip) will remain undisturbed in areas between construction + natural water courses. Place staked hay bales in ditch line for sediment control.


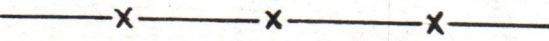
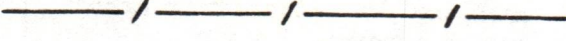





Drilling pit may vary in location other than that shown on this plan and/or other pits may be added due to soil type, newly discovered water systems, and the encounter of rock when building location.

Access road subject to change between company and land owner, or aquirement of right-of-way. If change is made, a revised reclamation plan will be submitted. All cuts 2:1 slope. All topsoil to be stockpiled and used in reclamation. All grades for roads and locations as well as sediment structures shown on drawing.

LEGEND

DRAIN PIPE 
ROAD 
DIVERSION 
WATERWAY 
STREAM 
OPEN DITCH 

PROPERTY BOUNDARY 
EXISTING FENCE 
PLANNED FENCE 
BUILDING 
WET SPOT 
SPRING 

SLS
SMITH LAND SURVEYING CO.
111 SOUTH ST.
GLENNVILLE, WV. 26351



IV-9
(Rev 8-81)

DATE April 17, 1985

WELL NO. 1 Posey

State of West Virginia API NO. 47 - 033 - 3214

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Anvil Oil & Gas Co. DESIGNATED AGENT Buzz Henderson
Address P.O. Box 2566, Clarksburg, WV 26301 Address P.O. Box 2566, Clarksburg, WV 26301
Telephone 622-6183 Telephone 622-6183
LANDOWNER Kenneth E. Junkins SOIL CONS. DISTRICT West Fork
Revegetation to be carried out by Anvil Oil & Gas co. (Agent)

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

and additions become a part of this plan:

THIS REVIEW IS MADE FOR SITE AS SHOWN. A CHANGE OF ELEVATION OF PLUS OR MINUS 10 FT. OR SLOPE OF PLUS OR MINUS 3 PERCENT MAKES THIS PLAN NOT ACCEPTABLE TO WFSCD.

4/25/85
(Date)
Kenneth E. Light
(SCD Agent)

RECEIVED
MAY 29 1985
OIL & GAS DIVISION
DEPT. OF MINES

ACCESS ROAD	LOCATION
Structure <u>Drainage Ditch</u> (A) Spacing <u>inside road cuts</u> Page Ref. Manual <u>2-12</u>	Structure <u>Diversion Ditch</u> (1) Material <u>Earthen</u> Page Ref. Manual <u>2-12</u>
Structure <u>Cross Relief Drains</u> (B) Spacing <u>as per table 1 in manual (2-4) with riprapped outlet</u> Page Ref. Manual <u>2-1</u>	Structure <u>Sediment Barrier</u> (2) Material <u>Logs &/or Brush &/or Stone</u> Page Ref. Manual <u>2-16</u>
Structure <u>Road Culvert</u> (C) (accord. to O&G Manual at natural drains) Spacing <u>One 16" with riprapped outlet</u> Page Ref. Manual <u>2-7</u>	Structure <u>Sediment Barrier</u> (3) Material <u>Hay bales (staked)</u> Page Ref. Manual <u>2-16</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.

REVEGETATION

Treatment Area I & II	Treatment Area III
*Lime <u>3</u> Tons/acre or correct to pH <u>6.5</u>	Lime _____ Tons/acre or correct to pH _____
Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)	Fertilizer _____ lbs/acre (10-20-20 or equivalent)
Mulch <u>Hay</u> <u>2</u> Tons/acre	Mulch _____ Tons/acre
Seed* <u>KY-31</u> <u>40</u> lbs/acre	Seed* _____ lbs/acre
<u>Red Top</u> <u>5</u> lbs/acre	_____ lbs/acre

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

*lime according to pH test. PLAN PREPARED BY Smith Land Surveying Co.

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

ADDRESS 111 South Street
Glenville, WV 26351
PHONE NO. 462-5634

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

Alexander: Perf 4938-4945 13 holds: Frac using 10,000# 80-100 sand
25000 20-40 sand: 500 gal citric acid, 178 bbl water

Benson: Perf 4640-4650 13 holes: frac using 10,000# 80-100sand;
50,000 20-40 sand, 900 gal HCL, 281 bbl water

Riley: & Balltown: perf 4416-4426, 4holes, 3568-3601 11 holes:
frac using 10,000 80-100 sand, 40,000 20-40 sand,
1,000 gal HCL, 15 perf balls, 260 bbl water

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
and & shale	gray	med	0	130	
and	gray	hard	130	178	fresh water 30'
ed rock & shale	red	med	178	190	fresh water 282'
and	gray	hard	190	240	
hale	gray	med	240	290	
ed rock	red	soft	290	310	
hale	gray	soft	310	340	
ed rock	red	soft	340	350	
hale	gray	soft	350	405	
ed rock	red	soft	405	464	
oal	black	soft	464	468	
and & shale	gray	med	468	650	
ed rock	red	soft	650	675	
ale & sand	gray	med	675	1759	
ime	gray	hard	1759	1856	
and	gray	hard	1856	1913	Big Lime
and & shale	gray	soft	1913	2396	Big Injun
and	gray	hard	2396	2475	
ale & sand	gray	soft	2475	3563	5th sand
ale & sand	gray	med	3563	3604	
ale	gray	soft	3604	4409	Balltown
and	gray	med	4409	4427	
ale	gray	med	4427	4636	Riley
and	gray	med	4636	4656	
ale	gray	soft	4656	4964	Benson
and	gray	med	4964	5070	
ale	gray	soft	5070	5226	Alexander

(Attach separate sheets to complete as necessary)

Anvil Oil Co., Inc.

Well Operator

By

Its President

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."

FORM IV-35
(Obverse)

Operator's
Well No. Posey #1

[08-78, *FERC*]

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

API Well No. 47-033-321
State County Permi

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

LOCATION: Elevation: 1141 Watershed: Stutler's Fork
District: Union County: Harrison Quadrangle: Big Isaac

WELL OPERATOR Anvil Oil Co., Inc. DESIGNATED AGENT Justin L. Henderson
Address P.O. Box 2566 Address 253 Carr Ave.
Clarksburg, W.Va. 26301 Clarksburg, W.Va. 26301

PERMITTED WORK: Drill X / Convert ___ / Drill deeper ___ / Redrill ___ / Fracture or stimulate X
Plug off old formation ___ / Perforate new formation ___
Other physical change in well (specify) _____

PERMIT ISSUED ON 5-31-85, 1985

OIL & GAS INSPECTOR FOR THIS WORK:

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

Name Stephen Casey
Address Rt. 2, Box 232-D
Jane Lew, W.Va. 26378

GEOLOGICAL TARGET FORMATION: Alexander Depth 4964-5070 feet

Depth of completed well, 5226 feet Rotary X / Cable Tools ___

Water strata depth: Fresh, 30:282 feet; salt, n/a feet.

Coal seam depths: 464-468 Is coal being mined in the area? no

Work was commenced 6-14-85, 1985, and completed 6-22, 1985

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		
Conductor	11	34			x	30'	-0-	Kinds
Fresh water								Sizes
Intermediate	8 5/8	20#				712	712	200 cft
Production	4 1/2	10.5#				5151	5151	420 cft
Tubing								Perforations: Top Bottom
liners								

OPEN FLOW DATA

Producing formation Alexander, Benson, Riley Balltown Pay zone depth 4964-5070
4636-4656
4409-4427

Gas: Initial open flow, 30 Mcf/d Oil: Initial open flow, 3563-3604
Final open flow, 750 Mcf/d Final open flow, -0- Bbl/d

Time of open flow between initial and final tests, 4 hours

Static rock pressure, 1725 psig (surface measurement) after 48 hours shut in

[If applicable due to multiple completion--]

Second producing formation see above Pay zone depth _____ feet

Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ Bbl/d
Final open flow, _____ Mcf/d 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

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

WELL OPERATOR'S REPORT
OF
INITIAL GAS-OIL RATIO TEST

WELL OPERATOR Anvil Oil Co., Inc.
Address P.O. Box 2566
Clarksburg, W.Va. 26301

DESIGNATED AGENT Justin L. Henderson
Address 253 Carr Ave.
Clarksburg, W.Va. 26301

GEOLOGICAL TARGET FORMATION: Alexander Depth 4986-5000 feet
Perforation Interval 4988-4996 feet

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 51.01)
- 5- Separate Form IV-36 for each producing formation in a multiple completion

TEST DATA					
START OF TEST-DATE 6-30-85	TIME 8:00	END OF TEST-DATE 6-30-85	TIME 9:30	DURATION OF TEST 1 1/2 hrs	
TUBING PRESSURE n/a	CASING PRESSURE 300	SEPARATOR PRESSURE n/a	SEPARATOR TEMPERATURE n/a		
OIL PRODUCTION DURING TEST 2	GAS PRODUCTION DURING TEST 900	WATER PRODUCTION DURING TEST & SALINITY 10		ppm. n/a	
OIL GRAVITY 40	*API	PRODUCING METHOD (flowing, pumping, gas lift, etc.) flowing			

GAS PRODUCTION		
MEASUREMENT METHOD: FLANGE TAP <input type="checkbox"/>	PIPE TAP <input type="checkbox"/>	L-10 <input type="checkbox"/> n/a
ORIFICE DIAMETER 2"	PIPE DIAMETER (INSIDE DIAM.) 2"	POSITIVE CHOKE <input type="checkbox"/>
DIFFERENTIAL PRESSURE RANGE n/a	MAX. STATIC PRESSURE RANGE 300	CRITICAL FLOW PROVER <input type="checkbox"/>
DIFFERENTIAL n/a	STATIC n/a	NOMINAL CHOKE SIZE - IN. 2"
GAS GRAVITY (Air-1.0) unknown	FLOWING TEMPERATURE 60F	PROVER & ORIFICE DIAM. - IN. n/a
24 HOUR COEFFICIENT.		GAS GRAVITY (Air-1.0) MEASURED _____ ESTIMATED _____
		GAS TEMPERATURE _____ °F
		24 HOUR COEFFICIENT SAME
		PRESSURE - _____ psia

TEST RESULTS			
DAILY OIL 0.5 bbls.	DAILY WATER 0.5 bbls.	DAILY GAS 900 Mcf.	GAS-OIL RATIO 1/1800 SCF/STB

(1800:1)

Anvil Oil Co., Inc.
Well Operator

By: [Signature]
Its: President

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

RECEIVED

JUN 25 1985

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

Permit No. 33-3214

Oil or Gas Well _____
(KIND)

Company	Address	Farm	Well No.	District	County	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Rock pressure	Oil	Fresh water	Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
																Size			Kind of Packer
<u>Arvid Oil</u>		<u>K. Jenkins</u>	<u>Possey 1</u>	<u>Union</u>	<u>Harr.</u>	<u>6-17-85</u>										16			
																13			
																10			
																8 1/4			
																6 3/8			
																5 3/16			
																3			
																2			
																Liners Used			

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

Coal in back wall of loc. 24"
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

464 FEET 48 INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Coastal 1

Remarks: 8 5/8 707' 175 SKB. BJH

6-18-85
DATE

Steve Casey
DISTRICT WELL INSPECTOR



State of West Virginia
Department of Energy
Oil and Gas Division
Charleston 25311

RECEIVED
AUG 9 - 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
August 2, 1985

COMPANY Anvil Oil Company, Inc.
P. O. Box 2566
Clarksburg, West Virginia 26301

PERMIT NO 033-3214 (5-31-85)
FARM & WELL NO Ken Jenkins, Posey #1
DIST. & COUNTY Union/Harrison

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

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

SIGNED Steve Casey
DATE 8-6-85

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.

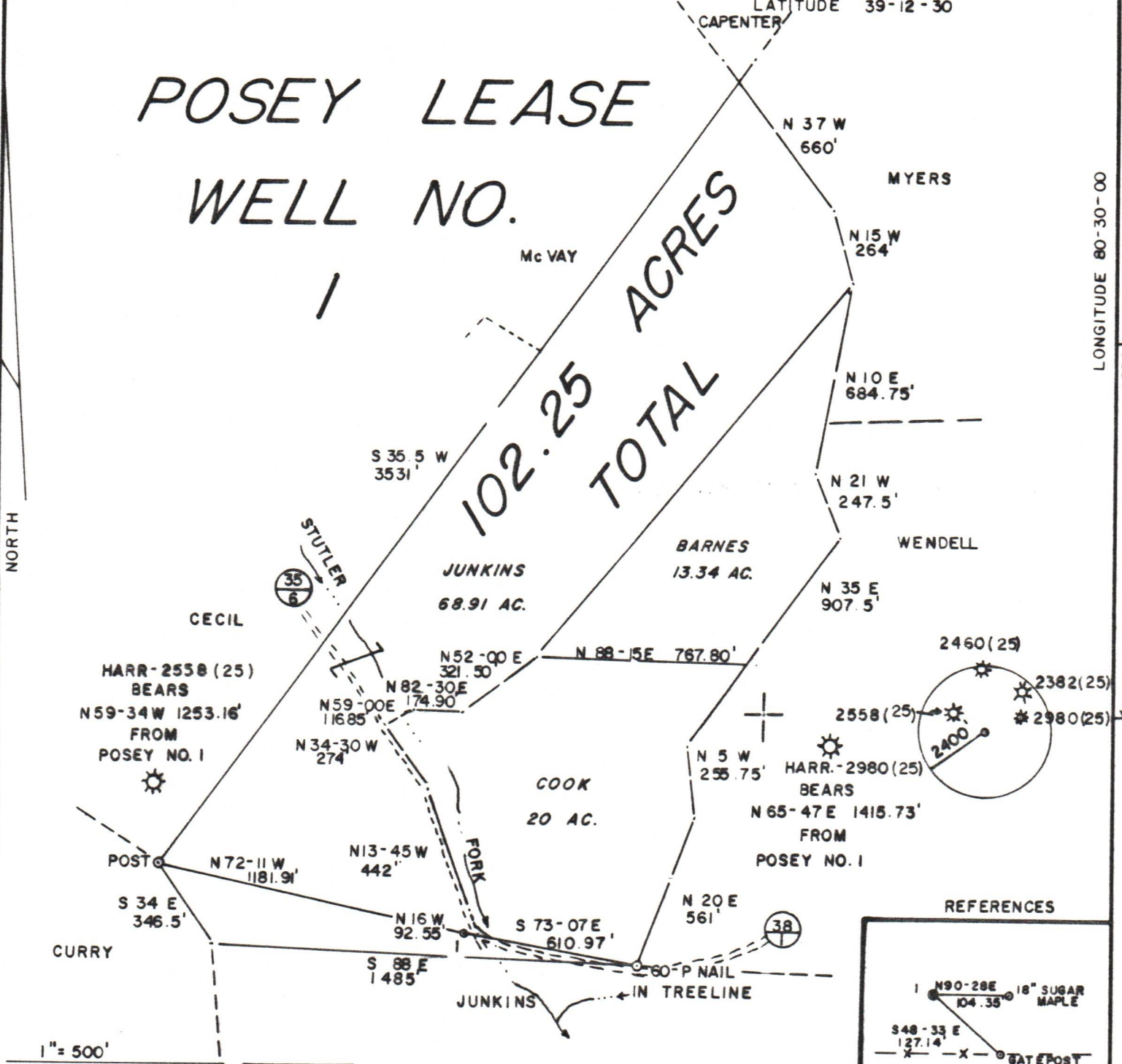
T. H. r. B. B.
Director, Division of Oil & Gas

August 19, 1985
DATE

POSEY LEASE

WELL NO. 1

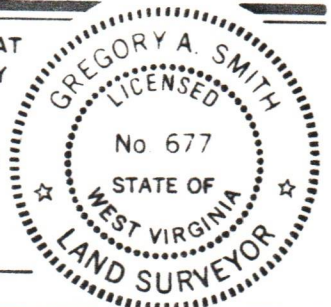
102.25 ACRES TOTAL



SLS SMITH LAND SURVEYING

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 DATE APRIL 17, 1985
 OPERATORS WELL NO. 1
 API WELL NO. 47 - 033 - 3214
 STATE COUNTY PERMIT

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.
 L.L.S. 677 Gregory A. Smith



MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 18-12 M.P.
 PROVEN SOURCE OF ELEVATION JCT. ROADS SCALE 1" = 500'
 ELEV. 1106'



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1141' WATERSHED STUTLER FORK
 DISTRICT UNION COUNTY HARRISON QUADRANGLE BIG ISAAC
 SURFACE OWNER KENNETH E. JUNKINS ACREAGE 68.91
 OIL & GAS ROYALTY OWNER MILDRED POSEY LEASE ACREAGE 102.25

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF
 OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION ALEXANDER
 ESTIMATED DEPTH 5500'

WELL OPERATOR ANYIL OIL CO. INC. DESIGNATED AGENT JUSTIN HENDERSON
 ADDRESS P.O. BOX 2566, CLARKSBURG, WV 26301 ADDRESS P.O. BOX 2566, CLARKSBURG, WV 26301