FILE COPY



1) Date:	May 15	<u>, 1984</u>
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2) Operator's Well No.__

3) API Well No. State County Permit

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

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4) WELL TY								DIFICYLIONS	
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5) LOCATIO			Le					of Little Ka	Arnoldsburg 7.5'
6) WELL OF	PERATOR				Company			AGENT Jan	
Addres					1588		Address		0. Box 1588
Addres	·			S. B. S.	rg, WV	26102	Address		rkersburg, WV 26
OIL & GA	AS INSPEC	TOR TO		200			9) DRILLING CO		kersburg, wv Zo
	7		Deo				Name	on the fore.	
Addres			Rout	e #1	- Box 5		Address		
			Sand	ridge	e, W.Va.	25274		20	REPRINTER IN
) PROPOSE	ED WELL	WORK:		CHEST CO.	_/ Drill		/ Redrill	/ Stimulate	K G G G G G
							ate new formation		
									MAY 1 6 1984
GEOLOG	ICAL TAR	GET FOR							
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								feet. DE	PT. OF MINES
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) CASING	AND TUBI	NG PRO	GRAM						
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	47-	013-37	135					June 6,	19 84
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mit number_				Location	n shown belo	ow is evidence o	f permission grante	d to drill in accordan	ce with the pertinent legal re-
is permit cove	ering the we	ell operato	or and well	localic			THE PURPOSE WHEN PROPERTY AND ADDRESS OF THE PARTY OF THE		
is permit cove rements subje	ect to the co	onditions of	contained l	herein a	nd on the rev	erse nereot. Not	tification must be gi	ven to the District Oil	and Gas Inspector, (Refer to
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s permit coverements subject. 8) Prior to trict oil and g	the construction in specto	onditions of ction of ro r 24 hours	contained logds, locations before ac	ons and tual per	nd on the rev l pits for any rmitted work	permitted work. has commenced	In addition, the we	ell operator or his con	tractor shall notify the proper
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Reason:

File





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50% 보호하셨다면 12.50kg (1.50kg) (Casing		9		Donoti
	Reason:					414	1/1		V	

FORM IV-2(A)			1) Date: May 15 ,1984
Obverse [8-83] •			2) Operator's
[3-33] [2-33]			Well No. Meredith & Hassig #17 3) API Well No. 47-6/3-3735
CM3 FFF C			State County Permit
DEPARIMENT OF MI	F WEST V		
NOTICE OF APPLICAT			
4) SURFACE OWNER(S) OF RECORD TO BE SERV	لك	5(1)	COAL OPERATOR No Commercial Coal Address
(i) Name Robert Barton Address Route 3, Box 730	-		
Arnoldsburg, W. Va.	25234	5(ii)	COAL OWNER(S) WITH DECLARATION ON RECORD:
(ii) Name Marilyn Whytsell			NameAddress
Address Route 3 Arnoldsburg, W. Va.	25234		Maar 635
(iii) Name	_ 23234		Name
Address			Address
		5(iii)	COAL LESSEE WITH DECLARATION ON RECORD:
			Name
			Address
	1	- = -	A CONTRACTOR OF THE CONTRACTOR
			is Form and the following documents: -2(B) (or Form IV-4 if the well is
to be plugged, which sets of	ut the partic	es involve	of the drilling or other work, pplicable, the proposed casing and
cementing program; (2) The plat (surveyor's map) s			
(3) The Construction and Reclam	ation Plan or	n Form IV-	on on roll 10-0; and 9) unless the well work is only to and sediment control and for
reclamation for the site an	d access roa	d.	
THE REASON YOU RECEIVED THESE D WHICH ARE SUMMARIZED IN THE "INSTRUC (FORM IV-2(B) OR FORM 4, DESIGNATED ACTION AT ALL.	TIONS" ON TH	E REVERSE	AVE RIGHTS REGARDING THE APPLICATION ECETVED ARE NOT REQUIRED TO TAKE ANY
Take notice that under Chapter	22 of the We	st Virgini	a Code, the undersigned well op-
erator proposes to file or has filed for a Well Work Permit with the Admi	this Notice	and Applic	cation and accompanying documents e of Oil and Gas, West Virginia
Department of Mines, with respect to and depicted on attached Form IV-6.	Copies of the	his Notice	, the Application, the plat, and the OLL & GAS DIVISION
by hand to the person(s) named above	(or by publ.	ication in	certain circumstances) on or DEPT OF MINITO
before the day of mailing or deliver	y to the Adm	inistrator	. OF WHILES
EXTRACTION RIGHTS Check and provide one of the foll	owi nore		
Included is the lease or lease I hold the right to extract	s or other or	ontinuing o	n File: Seet Permitth No. 47-013-3294-FRac
The requirement of Code 22-4-1	-(c)(1) thro	ugh (4). (5	See reverse side for specifics.)
7) ROYALTY PROVISIONS Is the right to extract, produce	or market th	e oil or g	as based upon a lease or leases
or other contract or contracts pr for compensation to the owner of t	oviding for f	flat well i	rovalty or any similar provision
to the volume of oil or gas so ex	tracted, prox	tuced or ma	arketed? Yes No X
If the answer above is No you may use Affidavit Form IV-60.	, nothing add	ditional is	s needed. If the answer is Yes,
See the reverse side for ling the required copies of the N Reclamation Plan.	item instruction and Apr	octions, ar	nd for instructions concerning plat, and Construction and
The truth of the information on the		WELL	
Notice and Application is verified		OPER	ATOR Pennzoil Company
and sworn to and the Notice is signed on behalf of the Well Operator		By /	Pento aluca
in my County and State by		It	S Supervisor, Surveying & Mapping
Curtis A. Lucas		Add	dress P. O. Box 1588
this 15 day of May, 198 My commission expires Oct. 24, 198		Te	Parkersburg, West Virginia 26109 Lephone 422-6565
h. M. D.		16.	4//-0305
Notary Public, Wood County,			05/17/2024
State of W. Va.			00/1//2024

INSTRUCTIONS TO APPLICANT

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
 - 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-lb(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-lk 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-lk(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 § 22-4-8a 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-lm, 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-

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

Grantor, lessor, etc. Grantee, lessee, etc. Royalty Book Page

Robert of Smith 19 585

OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION INSPECTOR'S WELL REPORDEPT. OF MINES

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DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

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DATE			VII VIII UALC.			

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 13	<u> </u>			Oil o	r Gas Well
Company Pen	nzoil	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address		Size			
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NO ME	erds at well site	ef casin	g or co	unent.	used.
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De Ma

DISTRICT WELL INSPECTOR

payaran sana sana

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

COMPANY			ADDRESS			4.
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		and the second of the second				
DATE	hereby certify I v	isited the abov	e well on this date.			





OIL & GAS DIVISION
DEPT. OF MINES

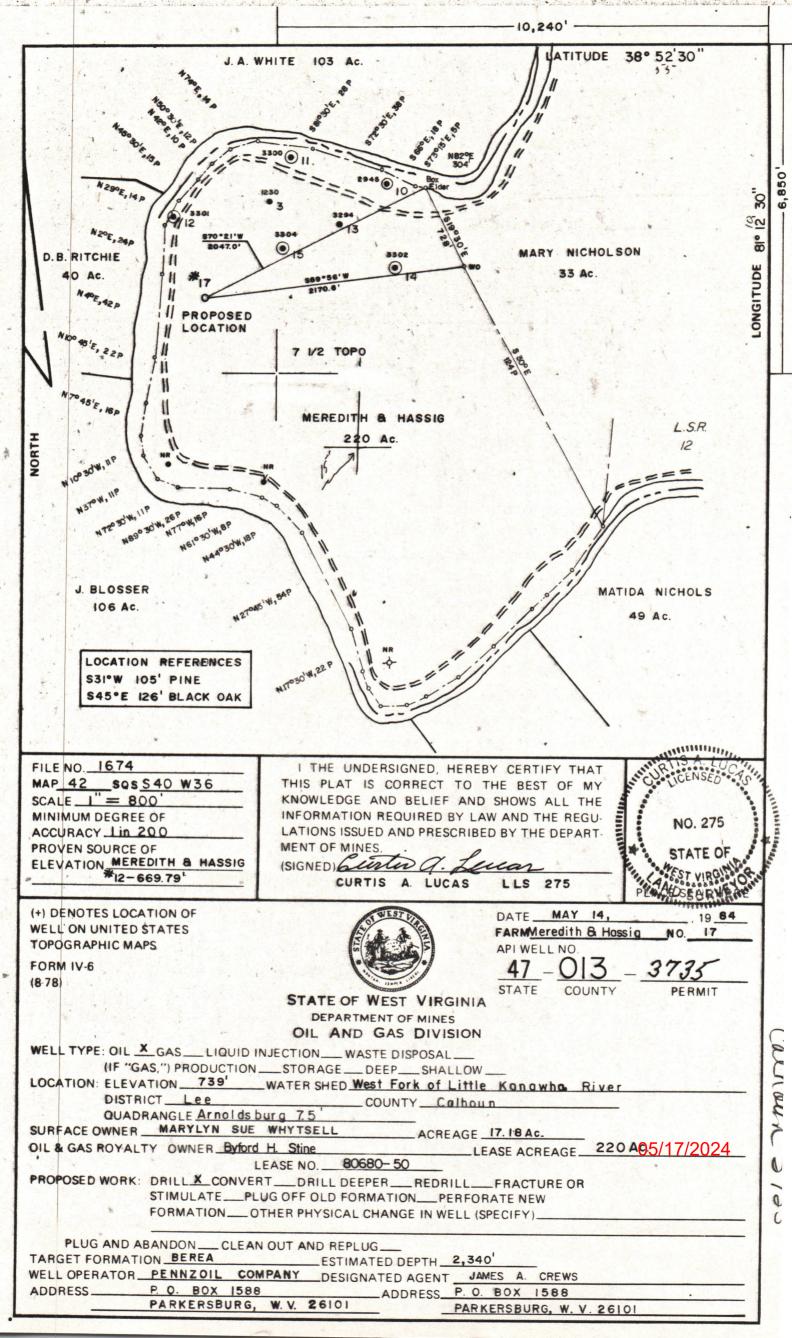
State of West Virginia

Bepartment of Mines Oil and Gas Division

Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT December 19, 1984

COMPANY	Pennzoil Company	DEDMIT NO	012-2725
COLLANI	Temizori company	PERMIT NO	013-3735
P. 0	. Box 1588	FARM & WELL NO	
Parke	ersburg, West Virginia 26101	DIST. & COUNTY	Meredith-Hassig #1 Lee/Calhoun
		TN	COMPLEANOR
RULE	DESCRIPTION	YES	COMPLIANCE NO
23.06	Notification Prior to Starting Wor		110
25.04	Prepared before Drilling to Preven		
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 Was	te	
23.04	Reclaimed Drilling Pits		
23.05	No Surface or Underground Pollutio	n ·	-
23.07	Requirements for Production & Gath		
16.01	Well Records on Site		
16.02	Well Records Filed	-	
7.05	Identification Markings		
	· · · · · · · · · · · · · · · · · · ·		
I HAVE I	INSPECTED THE ABOVE CAPTIONED WELL A	ND RECOMMEND THAT IT	BE RELEASED:
		SIGNED Wile	Mace
		DATE 3-4	. 85
Your wel	.l record was received and reclamation	on requirements appr	oved. In accordance
with Cha	apter 22, Article 4, Section 2, the	above well will rema	in under bond
coverage	for the life of the well.		1. ///
		1-2	110
		Administrator-0	il & Gas Division
		March 13	, 1985
		DATE	





LOCATION: Elevation: 739



State of West Wirginia

Department of Mines Gil and Gas Division

Date	Decem	ber	4,	1984	1
Opera					
Well	No		17		
Farm_	Mere	edit	h-Ha	assi	g
API N	0.47		01:	3	3735

OIL & GAS DIVISION
DEPT. OF MINES

District: Lee

WELL OPERATOR'S REPORT OF

Watershed West Fork of Little Kanawha

Calhoun Quadrangle Arnoldsburg 7.5'

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

County

COMPAN					
	NY Pennzoil Company				
ADDRES	SS P. O. Box 1588, Parkersburg, WV 26101	Casing	Used in	Left	Cement
DESIG	NATED AGENT James A. Crews	Tubing	Drilling	in Well	fill up Cu. ft.
ADDRES	SS P.O. Box 1588, Parkersburg, WV 26101	Size			A 7 A 120
SURFAC	CE OWNER Marilyn Whytsell	20-16 Cond.			
ADDRES	SS Route 3, Arnoldsburg, WV	13-10"			
MINERA	AL RIGHTS OWNER Byford H. Stine	9 5/8			07/21/1
ADDRES	SS	8 5/8			
OIL A	ND GAS INSPECTOR FOR THIS WORK Deo	7	262	262	100 s
Mace	e ADDRESSRt. 1 -Box 5, Sandridge, WV	5 1/2	202	202	100
PERMIT	T ISSUED 6-6-84	4 1/2	2387	2387	140 s
DRILL	ING COMMENCED 7-11-84	3	2307	2307	140
DRILL	ING COMPLETED 7-15-84	2			TRACE .
CONTI	PPLICABLE: PLUGGING OF DRY HOLE ON INUOUS PROGRESSION FROM DRILLING OR KING. VERBAL PERMISSION OBTAINED	Liners used			
GEOLO	OGICAL TARGET FORMATION Berea		Dep	th 2282-2	308 feet
	Depth of completed well 2379 feet F				
1	Water strata depth: Fresh 84-118 feet;	Salt 1506	-1626 feet		
1	Coal seam depths:	Is coal	being min	ed in the	area? X
	FLOW DATA Producing formation Berea	Day	z zone den	th 220	
- /	Producting rothlactor berea				on feet
	Case Initial open flow 2 Mcf/d				
	Gas: Initial open flow 3 Mcf/d	Oil: In	itial open	flow	8 Bb1/6
	Final open flow 3 Mcf/d	Oil: In	itial open nal open f	flow	8 Bbl/6
	Final open flow 3 Mcf/d Time of open flow between init	Oil: In: Findal and f	itial open nal open f inal tests	flowlow	8 Bbl/d 8 Bbl/d ours
	Final open flow 3 Mcf/d Time of open flow between init: Static rock pressurepsig(surface)	Oil: In: Find the second of th	itial open nal open f inal tests	flowlow	8 Bbl/6
	Final open flow 3 Mcf/d Time of open flow between init: Static rock pressure psig(surface) (If applicable due to multiple completion-	Oil: In: Find and fin	itial open nal open f inal tests ment) afte	flowlowhou	8 Bbl/6 8 Bbl/6 burs ars shut in
	Final open flow 3 Mcf/d Time of open flow between init: Static rock pressure psig(surface) (If applicable due to multiple completion- Second producing formation	Oil: In: Find Find Find Find Find Find Find Find	itial open nal open f inal tests ment) afte y zone dep	flowhour	8 Bbl/6 8 Bbl/6 purs ars shut in 5/17/2024
	Final open flow 3 Mcf/d Time of open flow between init Static rock pressure psig(surface (If applicable due to multiple completion- Second producing formation Gas: Initial open flow Mcf/d	Oil: In: Find Find Find Find Find Find Find Find	itial open nal open f inal tests ment) afte y zone dep itial open	flowhourhourhourhour	8 Bbl/6 8 Bbl/6 burs burs shut in 5/17/2024 feet Bbl/6
	Final open flow 3 Mcf/d Time of open flow between init Static rock pressure psig(surface (If applicable due to multiple completion- Second producing formation Gas: Initial open flow Mcf/d Final open flow Mcf/d	Oil: In Fin Fin ial and f. measure) Pa Oil: In Oil: Fin	itial open nal open f inal tests ment) afte y zone dep itial open nal open f	flow	8 Bbl/6 8 Bbl/6 purs purs shut in 5/17/2024 feet Bbl/6
	Final open flow 3 Mcf/d Time of open flow between init Static rock pressure psig(surface (If applicable due to multiple completion- Second producing formation Gas: Initial open flow Mcf/d	Oil: In: Find Find Find Find Find Find Find Find	itial open final tests ment) after y zone depitial open final tests	flow 10w 10w 10w 10w 10w 10w 10w 10w 10w 10	8 Bbl/6 8 Bbl/6 burs 5/17/2024 feet Bbl/6 Bbl/6

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

Perforated: 2288-92/4H; 2299-2307/9H

Fractured: 8-23-84

w/250 gls. 15% HCL, 240 BGW, 2000# 20/40 sd

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all freshand salt water, coal, oil and ga
Clay Sand Silt Sand,Clay,Silt Shale Sand,Shale Salt Sand Shale Salt Sand Shale Salt Sand Shale Little Lime Pencil Cave Big Lime Big Injun Pocono Shale Coffee Shale Berea Shale Total Depth	0 72 117 150 656 800 1244 1282 1322 1356 1556 1625 1710 1740 1757 1884 1926 2266 2282 2308	72 117 150 656 800 1244 1282 1322 1356 1556 1625 1710 1740 1757 1884 1926 2266 2282 2308 2379	

(Attach separate sheets as necessary)

Pennzoil Company Well Operator

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."

P 419 191 587

NO INSURANCE COVERAGE PROVIDED— NOT FOR INTERNATIONAL MAIL

See Reverse

Dec Merciae)			
Sent to Marilyn Whyt:	sel	1	
Street and No. Route 3		1 0	
P.O., State and ZIP Code Arnoldsburg,	WV	252:	
Postage	\$		
Certified Fee			
Special Delivery Fee	3	3 1	
Restricted Delivery Fee	1		
Return Receipt Showing to whom and Date Delivered		Χ	
Return Receipt Showing to whom, Date, and Address of Delivery		9 th 00	
TOTAL Postage and Fees	\$.	72	
Postmark or Date			
8 8 1 3 10 3			
Cosper			

IV-9 (Rev 8-81)



DATE 5 /11/84
WELL NO. MEREDITH ! HASSIE #17

State of Mest Airginia

Bepariment of Mines. Gil und Gas Bivision

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME PENNZOIL COMPANY	DECTOR
Address P.O. Box 1588, Parkersbur	DESIGNATED AGENT JAMES A. CREWS
Telephone 4 22-6565	Tarkersburg, W.V.
LANDOWNER MARPLYN SUE WHYTSELL	Telephone 422-6565
Revegetation to be carried out by HAC	SOIL CONS. DISTRICT LITTLE KANAWHA
and additions become a part of this plan:	le Kanawha SCD. All corrections
beautiful part of this plan:	5-14-84 DECELVE
	The state of the s
	(SCD Agent) WAY 1 6 1984
ACCESS ROAD	OIL & GAS DIVISION
Structure ROADSIDE DITCH (A)	LOCATIONPT. OF MINES
	Structure DIVERSION DITCH (1
Spacing SEE SKETCH	Material EARTHEN
Page Ref. Manual 2-/2	Page Ref. Manual 2-/2
Structure COLVERT 24" TD (B)	And the second s
	Structure(2
Spacing SEE SKETCH	Material
Page Ref. Manual 2-7	Page Ref. Manual
Structure CULVERT 16" ID (C)	
	Structure(3
spacing SEE SKETCH	Material
Page Ref. Manual Z-7	Page Ref. Manual
All structures should be inspected regularized commercial timber is to be cut and stacked cut and removed from the site before dirt	work begins.
REVEGET	PATION
Treatment Area I	Treatment Area II
or correct to pH 6.5	Limo
	or correct to pH 6.5
(10-20-20 or equivalent)	Fertilizer 500 lbs/acre (10-20-20 or equivalent)
Mulch STRAW 2 Tons/acre	
Seed* KY 3 FESCUE 35 lbs/acre	Mulch STRAW 2 Tons/acre
PERENNIAL RYEGRASS 15 1bs/acre	Seed*lbs/acre
ALSIKE CLOVER 5 lbs/acre	SAME AS AREA I bs/acre
	05/17/209/acre
*Inoculate all legumes such as vetch, trefo noculate with 3X recommended amount.	oil and clovers with the proper bacterium.
	PREPARED BY Curtis A. Lucas
NOTES: Please request landowners!	에 걸었다고요. ''그리다' 아마스 그리스 그리스 그리스 그리스 그리스 그리스 그리스 그리스 그리스 그리
cooperation to protect new	ADDRESS P.O. Box 1588
seedling for one growing season. Attach separate sheets as	Parkersburg, W.V.
necessary for comments.	PHONE NO 422-6565

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

OUADRANGIE ARNOLDS BURG. 7 2

Well Site Access Road

FORK

OI Well Gas

Well Greve

Well Gre

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.

