

1)	Date:	February	7,	, 1983
2)	Operator's Well No.		P12	
3)	API Well N	0. 47	073	1599
-,	TO CHEST	State	County	Permit
		DUE SELEN !	INVESTIGATION OF	

State

DRILLING CONTRACTOR:

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EPARTM	ENT OF	MINI	ES OI	I. AND	CAS	DIVISION

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4) WELL TY								as nader ground re		
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5) LOCATIO				Same Inc	Wat	tershed:S	Sharps Run		231 2 2013	
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6) WELL OP	ERATOR		PRENC					DAGENT Lenzi		
Address	S	B 1 10 710	P. O.	Box 9	)1		Address		Box 91	
	24383CU3	THE BLUT	Miner	al Wel	11s, WV 2	6150	or aga depro		al Wells	WV 26
7) OIL & GA									Where well	Call
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Acreage			145				Name			
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10) OIL & GA				D			Name		TION ON RE	COKD.
Name	Robert A	Low	ther				Address	100 100 60		(F 1 ) ( )
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	Middle	bourn	e, WV	26149	PE: 7	58-4764		BLIMITE TO BUTTAN	63 6	STATE OF STA
5) PROPOSE	D WORK:	Drill	X /	Drill dee	per	/ Redrill	diwerse, or	acture or stimulate	Fords IV4	
	J	Plug off	old form	ation	/ P	Perforate ne	w formation	icture or stimulate	3 - 1983	
		Other phy	sical char	nge in wel	(specify)	criorate ne	w Tormation	OILAND		
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10)					00					
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NOTE: Keep one copy of this permit posted at the drilling location.

Agent:

my

Permit expires
Bond:

October 9, 1983

Casing

Fee

Plat:

unless drilling is commenced prior to that date and prosecuted with due diligence.

Administrator, Office of Oil and Gas

#### Line Item Explanation

- Date of Application
- Your well name and number 2)
- 3) To be filled out by office of oil & gas
- "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined
- "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of 4B) the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
  - "Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less then six thousand feet, whatever is shallower.
  - Where well is located 5)
  - Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
  - 7) Use separate sheet if necessary
  - Present surface owner at time application is filed. 8)
  - Optional 9)
- 11) See Reg. 7.01 relating to code §22-4-1k
- "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
  - Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well 15) where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
  - Anticipated formation for which well will be completed
  - 17) Self explanatory
  - Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
  - 19) All coal seam depths
  - 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
  - Code 22-4-11(c) In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
    - (1)A brief description of the tract of land including the district and county wherein the tract is located;
    - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
    - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
    - (4) A brief description of the royalty provisions of each such lease or contract.
  - Code 22-4-11(d) and 22-4-11(e). 22)
  - 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
    - The above 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 who has recorded a declara	be completed by the	he coal operator at	nd by any coal ov nit is to be issued	wner or coal lessee within fifteen (15)
who has recorded a declara	tion under code			And the second s
days of receipt thereof.				
	TRUM	WAIVER	The second	
The undersigned coal operator_amined this proposed well location. If a added to the mine map. The undersigned operator has complied with all applications.	a mine map exists v	to the work propo	sed to be done at	this location, provided, the wel
Date:, 19		By Its		X AL NO.

STATE ROUTE 14 - P.O. BOX 91 MINERAL WELLS, WEST VIRGINIA 26150

PHONE 304-489-2222

November 18, 1982

Royalty owners: G.S.M.	. Powell Hrs P-10	1/8th Royalty
Marguerite Powell	Belmont, WV	6/18
Robert Streitenberger	Rt. 2 - Box 248X	
	Williston, FL	6/18
Mary Lou Hague	1011 51st St.	
	Vienna, WV	1/18
Daisy Deem	408-B 58th St.	
	Vienna, WV	1/18
James E. Deem	614 39th St.	
	Vienna, WV	1/18
B. C. Deem, Jr.	2801 Morningside Ave.	
	Parkersburg, WV	1/18
Margaret R. Rolfer	12302 Gamma St.	
	Garden Grove, CA	1/18
Anna C. Farnsworth	3102 25th Street	
	Parkersburg, WV	1/18

PRENCO

Denzil L. Prather Designated Agent

l S. Prather

RECEIVED

FEB 8 - 1983

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

CONFIDENTIAL INFORMATION - NOT TO BE PUBLISHED.

073 -

IV-9 (Rev 8-81)



DATE Jan. 25, 1983

WELL NO. P-12

Mineralwells, WV 26150

489-2221-2222

PHONE NO.

API NO.

# State of Mest Birginia

Department of Mines Gil and Cas Division

#### CONSTRUCTION AND RECLAMATION PLAN

DRENGO					
COMPANY NAME PRENCO	DE	SIGNATED A	GENT Denzi	l L. Pra	ther
Address Box 91, Mineralwells WV		Address_	Same	No. 17 No. 17 No. 17	
Telephone 489-2221/2222	_	Telephone			
LANDOWNER Harry L. Sigler, Jr.	_	SOIL CONS	. DISTRICT	Upper	Ohio
Revegetation to be carried out by	Darrel	l Null			(Agent)_
This plan has been reviewed by	Upper	Ohio	SCD.	All correc	ctions
and additions become a part of this plan	n:	(SCD Ager	Masin	_	
ACCESS ROAD			LOCATION		
Structure Drainage ditches	(A)	Structure	Diversion	Ditch	(1)
Spacing		Material .	According to the second		
Page Ref. Manual 2-12	VED	Page Ref.		-12	
Structure R1D-ran		Structure_	Rip-rap		(2
Spacing Logs	5 DIVICIOL	Material	Logs		
Page Ref. Manual N/A WYDEFARTMEN	TOF MINES	Page Ref.	Manual N/A	The section of Theorems are a	
Structure Culvert	(C)	Structure			(3
Spacing 24" diameter	]	Material	and the riverse of the productions of a second contract		40 (
Page Ref. Manual 2-7		Page Ref. N	Manual		
All structures should be inspected recommercial timber is to be cut and state cut and removed from the site before decrease.	reken man	TII hominah	ed if recess and small ti	ary. All mber to be	
Treatment Area I		т	reatment Are		
Lime Tons/acre	I	ime	ALE		
or correct to pH 6.5			ct to pH 6	To	ns/acre
Fertilizer 500 lbs/acre (10-20-20 or equivalent)	F	ertilizer_	500	i lb	s/acre
		(	10-20-20 or	equivalen	t)
	M	ulch	Hay. 1.5-	Tor	ns/acre
	S		31 Fescue		
Perennial Ryegrass 30bs/acre Alsike Clover 10lbs/acre			nnial Ryegr		s/acre
207 4020			ce Clover		s/acre
*Inoculate all legumes such as vetch, t Inoculate with 3X recommended amount.	refoil and	d clovers u	with the proj	per bacter	rium.
	LAN PREPAR	RED BY Da	vid W. Bat	ten	*
NOTES: Please request landowners' cooperation to protect new	. ADI		Box 91		

seedling for one growing season.

Attach separate sheets as

necessary for comments.

IV-9 REVERSE (REV 8-81)

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGIE Schultz  $7\frac{1}{2}$ '

LEGEND

Well Site

Access Road

O BM S

to

#### PRENCO

STATE ROUTE 14 - P.O. BOX 91 MINERAL WELLS, WEST VIRGINIA 26150

PHONE 304-489-2221 PHONE 304-489-2222

February 7, 1983

Jefferson District
Pleasants Co., W. Va.
G. S. M. Powell Heirs
92.50 acres
Recorded Feb. 7, 1968
Lease Book 121, page 403
1/8th Royalty to be paid

#### AFFIDAVIT

I, Denzil L. Prather (the above desginated owner or operator, or authorized representative thereof) hereby verifies that the owner or owners of the mineral estate upon which this proposed well is to be located will receive minimum one-eighth (1/8) royalty payments for any gas or oil extracted therefrom. Copies of the Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above-named coal operator, co-owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

My commission expires June 12, 1990

RECEIVED

FEB 8 - 1983

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

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ENT PROD: OIL BPD WATER BPD.GAS	MCFD TUBING		2 136 4		SHO	OTS/FT.
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# HALLIBURTON SERVICES JOB SUMMARY HALLIBURTON REND ONIO O WELL DATA SCHULTZ PLEASANTS STATE 10.09. LINER TOOLS AND ACCESSORIES TIME 14/00 TIME 15:05 PERSONNEL AND SERVICE UNITS GEARDIET CENTRALIZERS RENO (1) STORY HEAD 4/2 PL. & MANGOLD TEA. 117-150 50h 3 Bulk Tik MATERIALS CEMEN EMENT 4/2 LINISTATION TIVE X Dayrif of Botto Howeo B 10 303ALT : 15.5 PRESSURES IN PSI HYDRAULIC HORSEPOWER REMARKS AVERAGE RATES IN BPM CJACHLATED CEMENT LEFT IN PIPE

CUSTOMER

DIVISION

NEST VIEST V

IV-35 (Rev 8-81)

State of Mest Wirginia

Bepartment of Mines Gil und Gas Division

Date	May	7,	1984	
Operat Well N	or's	erre	P-12	5/21/
Farm_	G S	M	Powell	Heirs
API No	. 47	_	073 -	1599

WELL OPERATOR'S REPORT

			OF			
DRILLING,	FRACTURING	AND/OR	STIMULATING,	OR	PHYSICAL	

WELL TYPE: Oil / Gas XX/ Liquid Injection / Waste Disposal / OH & GAS DIVISION (If "Gas," Production XX/ Underground Storage / Deep / Staffow OX/MINES

LOCATION: Elevation: 1080' Watershed Sharps Run

District: Jefferson County Pleasants Quadrangle Schultz 7½'

PRENCO COMPANY Box 91, Mineralwells WV **ADDRESS** DESIGNATED AGENT Denzil L. Prather **ADDRESS** Same SURFACE OWNER Harry L. Sigler, Jr. Schultz, WV **ADDRESS** MINERAL RIGHTS OWNERG S M Powell Heirs ADDRESS Belmont, WV OIL AND GAS INSPECTOR FOR THIS WORK ADDRESS Middlebourne, WV R. Lowther Feb. 9, 1983 PERMIT ISSUED DRILLING COMMENCED Feb. 23. 1983 Apr. 2, 1983 DRILLING COMPLETED IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWO ON

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.		9	rray ahal sand way ahal
<b>#\$</b> -10"	480'	pulled	none
9 5/8		in the second	bnas
8 5/8	1187'	1187'	218 ft <sup>3</sup>
7		hele	
5 1/2		9	Lene yer
4 1/2		2792'	392 ft <sup>3</sup>
3			briss
2		9	
Liners used		ineeri Acse .e	žimestone ⇔oč gray shal

REWORKING. VERBAL PERMISSION OBTAINED ON	used
GEOLOGICAL TARGET FORMATION Devonian s	hale Depth 5000 feet
Depth of completed well 2787 feet	Rotary / Cable Tools XX
Water strata depth: Fresh 100 feet;	Saltfeet
Coal seam depths: None	Is coal being mined in the area? No
OPEN FLOW DATA	
Producing formation Fifth Sand	Pay zone depth 2700 feet
Gas: Initial open flowMcf/d	Oil: Initial open flowBbl/d
Final open flow 10 Mcf/d	Final open flow Bbl/d
Time of open flow between ini-	tial and final tests hours
Static rock pressure 20 psig(surface	ce measurement) after 24 hours shut in
(If applicable due to multiple completion	n)
Second producing formation	Pay zone depth feet
Gas: Initial open flowMcf/d	Oil: Initial open flowBbl/d
Final open flowMcf/d	Oil: Final open flowBbl/d
Time of open flow between ini-	tial and final tests hours
Static rock pressurepsig(surface	e measurement) after hours shut in

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

5/21/83: perforated 2656-2752 with 95 holes; fractured with 300 gal 15% HCl and 540 MSCF  $\rm N_2$ .



#### WELL LOG

T		The second second	REMARKS	
PORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	· · · · · · · · · · · · · · · · · · ·	of all fresh, oil and gas
red and gray shales, sand	0	1034		Production (California)
sand	1034	1058		1000
gray shale	1058	1070		
sand	1070	1082		
gray shale	1082	1128	Anna Lie and Mil	
sand	1128 1213	1213 1244		
gray shale sand	1244	1260		
gray shale	1260	1265	Elite	324
black shale	1265	1274	No. of the second	71
gray shale	1274	1330		, Market
sand	1330	1358		
black shale	1358	1375	. Selront. V	A Park
sand	1375	1390 1398	The state of the s	
dk gray shale sand	1390 1398	1420		
gray shale	1420	1465	odelli i delle	Low-her
sand	1465	1485		
dk gray shale	1485	1560		
sand	1560	1603	gas @ 1568	
gray shale	1603	1618		
sand	1618	1710	oil @ 1690	
limestone (Greenbrier)	1710	1760 1828		
sand	1760 1828	1862		
gray shale, sandy sand	1862	1877	gas @ 1862	
gray shale	1877	1882	gab C 1002	
sand (Squaw)	1882	1898		
shaly siltstone	1898	2268		
silty shale	2268	2278	Berea @ 2278	
shaly siltstone, fine-	0070	0001	·	
coarse	2278	2804	TD	

(Attach separate sheets as necessary)

PRENCO	
Well Operator	
By: Marid W. Batter	
Date: May 7, 1984	Geologist

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 and, encountered in the drilling of a well."

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



MAR 1 7 1983

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

## INSPECTOR'S WELL REPORT

73-1599 Oil or Gas Well\_ (KIND) CASING AND USED IN LEFT IN PACKERS Company. Size Address Kind of Packer\_\_\_ Well No 10 Size of\_ District County. 65% Depth set\_ Drilling commenced 5 3/16\_ Drilling completed\_\_\_\_ \_Total depth\_ Perf. top\_ Date shot\_\_\_\_\_Depth of shot\_\_ Perf. bottom\_ Liners Used Initial open flow\_\_\_\_\_/10ths Water in\_\_\_\_Inch Perf. top\_ Perf. bottom\_ Open flow after tubing\_\_\_\_\_/10ths Merc. in\_\_\_ \_Inch Volume\_ Cu. Ft. CASING CEMENTED NAME OF SERVICE COMPANY Rock pressure\_ lbs. hrs. Oil bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT\_ FEET\_ \_INCHES Fresh water. feet feet FEET INCHES FEET INCHES Salt water\_ feet feet FEET INCHES FEET \_INCHES Drillers' Names.

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

### INSPECTOR'S PLUGGING REPORT

Permit No						
COMPANY			ADDRESS			
FARM	COUNTY					
Filling Material Used						
Liner Loc	cation	Amount	Packer	Location	¥- v'	
	ND DEPTH PLACED		BRIDGES		G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
, , , , , , , , , , , , , , , , , , ,						The Research Control of the Control
rillers' Names				· · · · · · · · · · · · · · · · · · ·		
emarks:						
DATE	I hereby certify I v	risited the above	ve well on this date.			

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

## INSPECTOR'S WELL REPORT

Permit No. 073-1599			Oil or	Gas Well	
Company fluid	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACE	CERS
Address mineral wells we	Var Size				
Farm Hich Sigle for	16			Kind of Pac	ker
Well No. R-12	13			Size of	
District Illiam County Plase	anl 81/4		- Par - Par		
Drilling commenced	65%			Depth set_	
Drilling completed 3-3/-87 Total depth/86	3			Perf. top	
Date shotDepth of shot	2			Perf. botton	
Initial open flow/10ths Water in	Inch Liners Used			Perf. top	
Open flow after tubing/10ths Merc. in	Inch			Perf. bottom	1
Volume 200,000 Ci	a. Ft. CASING CEMEN	ITED	_SIZE	No. FT	Date
Rock pressurelbs	hrs. NAME OF SER	VICE COMPAN	1Y		
Oilbbls., 1st 24	hrs. COAL WAS ENG	COUNTERED	AT	FEET	_INCHES
Fresh waterfeet	_feetFEET_	INCHE	S	FEET	_INCHES
Salt waterfeet	feet FEET_	INCHE	S	FEET	_INCHES
Drillers' Names				and lamb land	
		200	5000	VE	
Remarks:		لياليا	APR7-	1983	

OIL & GAS DIVISION
DEPT. OF MINES

4-4-83 DATE

#### DEPARTMENT OF MINES

#### OIL AND GAS WELLS DIVISION

### INSPECTOR'S PLUGGING REPORT

Permit No				Well No.			
COMPANY			ADDRESS				
FARM	DISTRICTCOUNTY						
Filling Material Used							
	cation	Amount	Packer	Location			
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST	
***************************************							
				2 2			
						MANAGE FOR THE PROPERTY OF THE	
	<u> </u>						
Drillers' Names							
	15 - 25						
Remarks:							
	Y bb						
DATE	I hereby certify I vi	sited the abov	e well on this date.				



## State of West Virginia

## Department of Mines Gil and Gas Division Charleston 25305

FINAL INSPECTION REPORT

	INSPECTORS COMPLIANCE REPORT
COMPANY	PERMIT NO 47-0,73-15-99
	FARM & WELL NO ligles P-12
	DIST. & COUNTY Jefferson please
	IN COMPLIANCE
RULE	DESCRIPTION YES NO
23.06 25.04 25.03 16.01 15.03 15.02 15.01 15.04 15.05 23.02 25.01 23.04 23.05	Notification Prior to Starting Work Prepared before Drilling to Prevent Waste High-Pressure Drilling Required Permits at Wellsite Adequate Fresh Water Casing Adequate Coal Casing Adequate Production Casing Adequate Cement Strenght Cement Type Maintained Access Roads Necessary Equipment to Prevent Waste Reclaimed Drilling Pits No Surface or Underground Pollution
23.07 16.01 16.02	Requirements for Production & Gathering Pipelines Well Records on Site Well Records Filed
7.05	Identification Markings
I <u>HAVE I</u>	NSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:  SIGNED R. F. Fowther  DATE Jan 24, 1986
with Cha	l record was received and reclamation requirements approved. In accordance pter 22, Article 4, Section 2, the above well will remain under bond for the life of the well.
	Administrator-Oil & Gas Division
	DATE





OIL & GAS DIVISION
DEPT. OF MINES

## State of West Virginia Department of Mines Gil and Gas Division Charleston 25305

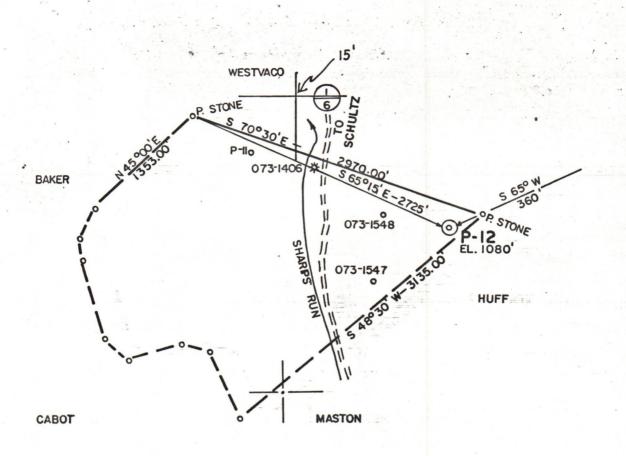
FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT May 16, 1984

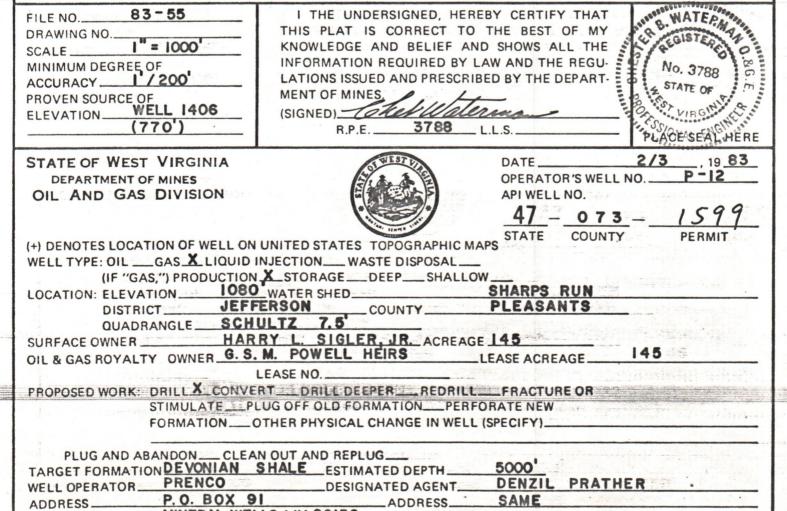
PERMIT NO 073-1599
FARM & WELL NOGSM_Powell, P-12
DIST. & COUNTYJefferson/Pleasan
IN COMPLIANCE YES NO
ork ent Waste   Lon chering Pipelines
AND RECOMMEND THAT IT BE RELEASED:  SIGNED  DATE  DATE  To to the the third of the

30

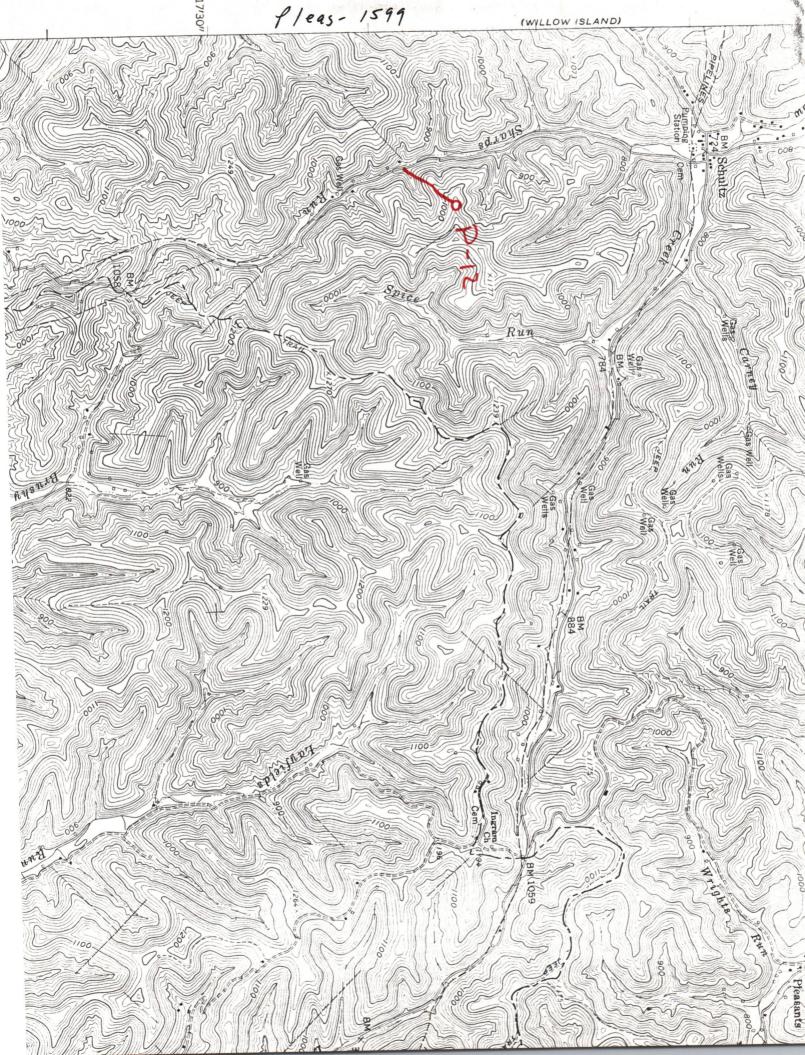
81° 12

LONGITUDE





MINERAL WELLS, WV 26150



(Rev 8-81)

necessary for comments.

DATE Jan. 25, 1983

489-2221-2222

PHONE NO.

WELL NO. P-12

47 -073 API NO.

## State of Mest Virginia Bepartment of Mines

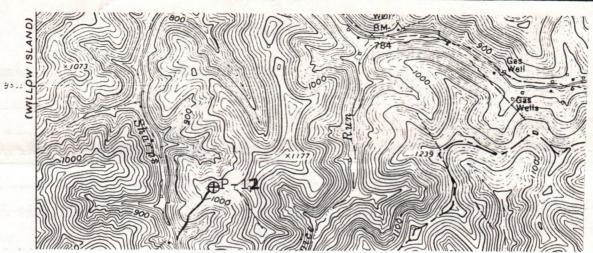
Bil and Gas Bivision

### CONSTRUCTION AND RECLAMATION P

33.21.3611	on med nec	HAMION FI			
COMPANY NAME PRENCO	D:	ESIGNATED A	GENT Denzi	l L. Pra	ther
Address Box 91, Mineralwells WV		Address	Same		
Telephone 489-2221/2222		Telephone			
LANDOWNER Harry L. Sigler, Jr.		SOIL CONS	. DISTRICT	Upper	Ohio
Revegetation to be carried out by	Darre	ll Null			(Agent)
This plan has been reviewed by	Upper	Ohio	SCD.	All corre	ctions
and additions become a part of this pla	an:	2/3/83			
	9	(Date)	1 -11		
	A	(SCD Ager	/lasin	_	
ACCESS ROAD		,			
			LOCATION		
Structure Drainage ditches	(A)	Structure	Diversion	Ditch	(1)
Spacing .		Material_	Earth		
2 12	IVED	Page Ref.	Manual 2	-12	
Standard Rin-ran	1983		Rip-rap		(2
Spacing Logs	AS DIVISION	Material	Logs		
Page Ref. Manual N/A WV DEPARTM	ENT OF MINES	Page Ref.	Manual N/A		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Structure Culvert	(C)	Structure_			(3
Spacing 24" diameter		Material			
Page Ref. Manual 2-7		Page Ref.	Manual_		
All structures should be inspected commercial timber is to be cut and so cut and removed from the site before	tacked and	all brush of begins.	ed if recess and small ti	ary. All mber to b	2
Treatment Area I		3	reatment Ar	ea II	
LimeTons/acre or correct to pH 6.5	•	Lime	ect to pH 6	T	ons/acre
Fertilizer 500 lbs/acre			500_		
(10-20-20 or equivalent)		(	10-20-20 or	equivaler	s/acre
Mulch Hay 1.5 Tons/acre			Hay. 1.5.		
Seed* Ky. 31 Fescue 30 lbs/acre			31 Fescue		
Perennial Ryegrass 30bs/acre.			nnial Ryeg		
Alsike Clover 10 lbs/acre			ke Clover	-	s/acre
*Inoculate all legumes such as vetch, Inoculate with 3X recommended amount.			with the pro	pper bacte	
NOTES: Please request landowners'				ctell	
cooperation to protect new	. Al	DDRESSP	0 Box 91		
seedling for one growing season. Attach separate sheets as		the state of the s	ineralwell		150

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Schultz  $7\frac{1}{2}$ '

Well Site Access Road ——



WELL SITE PLAN

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.

