DRILLING CONTRACTOR:



1)	Date:_	November	30,	, 19 82

Operator's Well No.

47 085 3) API Well No.

State County Permit

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

Agent:

Bond:

Administrator, Office of Oil and Gas

#### Line Item Explanation

- Date of Application 1)
- Your well name and number 2)
- To be filled out by office of oil & gas 3)
- "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 as oil.
- "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
  - 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
  - Use separate sheet if necessary 7)
  - Present surface owner at time application is filed.
  - 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
- As per §22-4-20; See Note 24 13 & 14)
  - Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well 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 16)
  - 17) Self explanatory
  - Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in 18) elevation
  - 19) All coal seam depths
  - 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.
  - 22) Code 22-4-11(d) and 22-4-11(e).

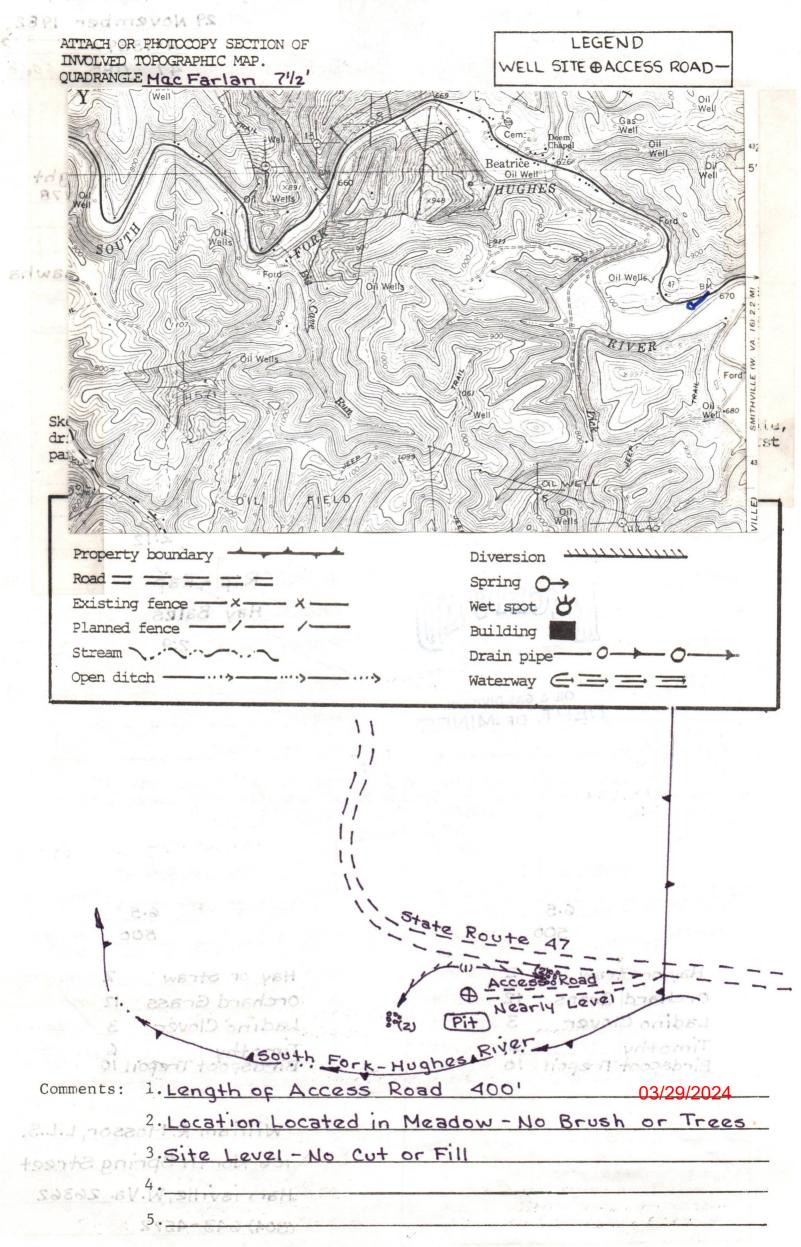
Date:

- Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be fil-23) ed 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 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 receipt thereof.

The undersigned coal operatoramined this proposed well location. If a added to the mine map. The undersigned operator has complied with all applications.	/ owner a mine map exists w	to the work prop	rea of the well loc osed to be done at	t this location, pr	ocation has been ovided, the well
of to marsher and a secured with augministrate	lintages communication	954 9		30.997	Bund.

Its



IV-9 (Rev 8-81)

Attach separate sheets as necessary for comments.



DATE 29 November 1982 WELL NO. H-1359

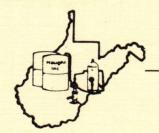
API NO. 47 - 085 - 6060

Bepartment of Mines

Oil and Gas Division
Construction & Reclamation Plan

COMPANY NAME Haught, Inc.	DES	IGNATED A	GENT Warrer	Haught .	
ADDRESS Smithville, W.Va. 26178	<b>E</b> ADD	KE22 <u><b>DM</b> 1</u>	thville, W.V	a. 26178	-
Telephone (304) 477 - 3333	•	Telephone	(304) 477-	3333	
LANDOWNER Velma Smith Notting ha					-
Revegetation to be carried out by	Macce	on Hans	DISTRICT Litt		
		,		(Agent	)
This plan has been reviewed by 1,1	tle Ke	Zhawh	SCD. All	corrections	
and additions become a part of this plan:		(Date)	0		
	Jars	ettn	ewton		
		(SCD Agen	t)		
ACCESS ROAD			LOCATION		
Structure <u>see sketch</u> (2	A)	Structure_	Diversion D	itch (	L)
Spacing	1	Material S	boil		
Page Ref. Manual	1	Page Ref.	Manual 2:12		
Structure(I	в) :	Structure 1	Rip-Rap		(2
Spacing DECEIVED			tay Bales		
Page Ref. Manual			Manual 2:9		
DEC 0 1 1982					
OIL & GAS DIVISION	C) S	Structure_			3
Spacing DEPT. OF MINES	11	Material_			
Page Ref. Manual	, \ F	Page Ref. N	Manual		
All structures should be inspected re commercial timber is to be cut and stac cut and removed from the site before di	cked and c	all brush o	ed if necessary. Ind small timber	All to be	
	EGETATION				
Treatment Area I	1.1	-	Treatment Area I	т.	
Lime Tons/acre	77	ime	ALCA I	Tons/acre	
or correct to pH 6.5	8//	or corre	ect to pH 6.5		
Fertilizer 500 lbs/acre (10-20-20 or equivalent)	F	Fertilizer_	50 (10-20-20 or equ	o lbs/acre	
Mulch Hay or Straw 2 Tons/acre	N		or Straw	2 Tons/acre	
Seed*Orchard Grass 12 lbs/acre			ard Grass	12 lbs/acre	
Ladino Clover 3 lbs/acre			no Clover	3 lbs/acre	
Timothy 6 lbs/acre				The state of the s	
Timothy 6 lbs/acre  Birdscoot Tresoil 10 lbs/acre  *Inoculate all legimes such as vetch, to  Inoculate with 3X recommended amount.	refoil an	Bird ad clovers	spoot Trefoi with the proper	101bs/acre	
deadow - No Brush or Trees	LAN PREPA	RED BY WI	Iliam R. Mos	ssor, L.L.S.	
	AD	DRESS 106	North Spri	ing Street	
seedling for one growing season.		Har	risville, W.V	a. 26362	

PHONE NO. (304) 643-4572



4424 Emerson Avenue Parkersburg, WV 26104 (304) 424-5075

November 30, 1982

Office of Oil & Gas 1615 Washington St. E. Charleston, WV 25311

Gentlemen:

In lieu of filing the lease or other continuing contract, we are submitting the following:

- 1) The tract of land is situated in Murphy district, Ritchie County, on the South Fork of the Hughes River.
- 2) Warren R. & Barry D. Haught acquired the lease and an old well on that tract from Cecil Speck and Jack E. Moore, Sheriff of Ritchie County.
- 3) An Assignment from Cecil Speck dated June 13, 1978 and recorded on June 15, 1978 in Lease Book 125 Page 358. The remainder was assigned from Jack E. Moore, Sheriff dated October 27, 1979 and recorded on January 8, 1980 in Lease Book 129, page 756.
- 4) We pay a 1/8 royalty on the old well and will pay the same by the provisions of the original lease and subsequent assignments.

Sincerely

Mark S. Mason

Well Administrative Agent

MSM/bas

DECEIVED DEC 0 1 1982

OIL & GAS DIVISION
DEPT. OF MINES

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.
Water Frac by Halliburton Services

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
R.R.	Red	Soft	0	15	504
Slate	Gray	Soft	15	30	
R.R.	Red	Soft	30	62	2000
Slate	Gray	Soft	62	80	NAC.
Sand	Blue	Hard	80	110	
Slate	Gray	Soft	110	150	
Sand	Gray	Hard	150	190	
R.R.	Red	Soft	190	232	
Slate	Gray	Hard	232	240	
Sand	Gray	Hard	240	290	A Land Control of the
Slate	Gray	Hard	290	310	ATTENDED TO THE RESIDENCE OF THE PERSON OF T
Sand	Gray	Hard	310	355	
R.R.	Red	Soft	355	387	All the desired and the second
Sand	Gray	Hard	387	417	
R.R.	Red	Soft	417	432	
Sand	Gray	Hard	432	452	
R.R.	Red	dd oft	452	500	
Slate	Gray	Soft	500	552	
R.R.	Red	Soft	552	573	
Slate	Gray	Soft	573	726	
Sand	Gray	Hard	726	736	
Slate	Gray	Soft	736	843	
Sand	Gray	Soft	843	866	
Slate	Gray	Soft	866	883	TO SECOND
Sand	Gray	Soft	883	893	
Slate	Gray	Soft	893	1078	
Sand	Gray	Hard	1078	1123	WHAT IN EXPERIENCES CONTRIBUTIONS
Slate	Gray	Soft	1123	1143	dans in the transfer of the same of
Sand	Gray	Hard	1143	1215	
Slate	Gray	Soft	1215	1298	
Sand	Gray	Hard	1298	1375	
Slate	Gray	Hard	1375	1403	
Sand	White		1403	1473	40 A
Shale	Gray	Hard	1473	1492	The Trace
Sand	White		1492	1532	
L. Lime	Gray	Hard	1532	1545	
B. Lime	Gray	Hard	15451	1630	
Sand	White		1630	1719	
Slate	Gray	Hard	1719	1790	

(Attach separate sheets as necessary)

Well	Operator
By:	Wanen R. Hang h 3/29/2024
Date:	1/3/ /83

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."



# IV-35 RECEIVED

FEB 2 - 1983

OIL AND GAS DIVISION WY DELPARTMENT OF MINES

## Sinde of Mest Firginia Pepartment of Mines Gil und Gas Pivision

Date	Decer	nber	29,	1982	_
Opera	ator's		59		
Well	No	H-13	359		_
Farm	н.н	Smi	th		
API 1	W. 47	- 08	35	-6060	

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

District: Murphy CountyRitchi  COMPANY Haught, Inc.  ADDRESS Rt. 3, Box 14 Smithville, WV 26178  DESIGNATED AGENT Warren R. Haught  ADDRESS Smithville, WV 26178  SURFACE OWNERH. H. Smith c/o Velma S. Nottingham  MINERAL RIGHTS OWNER Velma S. Nottingham	Casing Tubing Size 20-16 Cond.	Quadrangle Used in Drilling	Left	Cement fill up Cu. ft.
COMPANY Haught, Inc.  ADDRESS Rt.3, Box14 Smithville, WV 26178  DESIGNATED AGENT Warren R. Haught  ADDRESS Smithville, WV 26178  SURFACE OWNERH. H. Smith c/o Velma S. Nottin gham  ADDRESS Smithville, WV 26178	Casing Tubing Size 20-16 Cond.	Used in	Left	Cement fill up
ADDRESS Rt. 3, Box 14 Smithville, WV 26178  DESIGNATED AGENT Warren R. Haught  ADDRESS Smithville, WV 26178  SURFACE OWNERH H. Smith c/o Velma S. Nottingham  ADDRESS Smithville, WV 26178	Tubing Size 20-16 Cond.			fill up
ADDRESS Rt. 3, Box 14 Smithville, WV 26178  DESIGNATED AGENT Warren R. Haught  ADDRESS Smithville, WV 26178  SURFACE OWNERH H. Smith c/o Velma S. Nottingham  ADDRESS Smithville, WV 26178	Tubing Size 20-16 Cond.			fill up
ADDRESS Rt. 3, Box 14 Smithville, WV 26178  DESIGNATED AGENT Warren R. Haught  ADDRESS Smithville, WV 26178  SURFACE OWNERH H. Smith c/o Velma S. Nottingham  ADDRESS Smithville, WV 26178	Tubing Size 20-16 Cond.			fill up
DESIGNATED AGENT Warren R. Haught  ADDRESS Smithville, WV 26178  SURFACE OWNERH H. Smith c/o Velma S. Nottingham  ADDRESS Smithville, WV 26178	Tubing Size 20-16 Cond.	Drilling	in Well	
ADDRESS Smithville, WV 26178  SURFACE OWNERH.H. Smith c/o Velma S. Nottin gham  ADDRESS Smithville, WV 26178	20-16 Cond.			AND RESIDENCE OF THE PARTY OF T
SURFACE OWNER <sub>H.H.</sub> Smith c/o Velma S. Nottin gham	Cond.	The Court of the C	The second	
ADDRESS Smithville, WV 26178			74.	
	13-10"	318'	318'	100 sa
	9 5/8			
ADDRESS Smithville, WV 26178	8 5/8			100000
OIL AND GAS INSPECTOR FOR THIS WORK Samuel N.	7	1780'	1780'	90 sacks
Hersman ADDRESS Box 66 Smithville WV	5 1/2			
PERMIT ISSUED December 6, 1982	4 1/2			
DRILLING COMMENCED 12/13/82	3			
DRILLING COMPLETED 12/17/82	2			42
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			
GEOLOGICAL TARGET FORMATION DBig Injunion		Dep	oth 1662.	-1728 feet
Depth of completed well 1790, feet	Rotary v	/ Cabl	le Tools	
Water strata depth: Freshfeet;	Salt	feet	Ε	
Coal seam depths: None	Is coal	L being mir	ned in th	e area? No
War seam deput. None				
OPEN FLOW DATA	D:	au zone dei	oth 1662	1728 feet
Producing formation Big Injun Shale	Oil. Tr	nitial open	n flow	Bb1/0
Gas: Initial open flow Mcf/d	OII: II	inal open	flow F	Bb1/c
Final open flow 400 Mcf/d  Time of open flow between init	in and	final test	s o h	nours
Time of open flow between Init	ciai ain	cmont) aft	er 10 ho	ours shut i
Static rock pressure 690 psig(surface) (If applicable due to multiple completion)	e lleasur	elelic, die	03/29	/2024
(If applicable due to multiple completion	n)	av zone de	oth	fee
Second producing formation  Gas: Initial open flowMcf/d	Oil. T	nitial ope	n flow	Bb1/
Gas: Initial open flow Mcf/d  Final open flow Mcf/d	Oil. F	inal open	flow	Bbl/
Final open flowrci/d  Time of open flow between ini	tial and	final test	s }	hours

## DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION

05-1060



UEC 1 7 1982

## INSPECTOR'S WELL REPORT

OIL AND GAS DIVISION WYDEPARTMENT OF MINES

Permit No. 000000			Oil or	Gas Well	
Company Haught clus.	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKE	RS
Address	Size				
Farm H. H. Smith	16			Kind of Pack	er
Well No. H. 1359	13				18 -4 - 8%
District Murphy County Ritchie	81/4			Size of	
Drilling commenced 12-13-82	65%			Depth set	
Drilling completedTotal depth	5 3/16				
Date shotDepth of shot	3			Perf. top Perf. bottom_	
Initial open flow/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing/10ths Merc. inInch				Perf. bottom_	
VolumeCu. Ft.	CASING CEMEN	NTED	SIZE	No ET	Doto
lock pressurelbshrs.	NAME OF SER				Date
Dilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	_INCHES
resh waterfeetfeet	FEET_	INCH	ES	FEET	_INCHES
alt water feet feet					
Prillers' Names E. Smith . R. Barker	- B. M	Exture			
Haught elne. Rig 17	Tool Pers	her D.	ewey "	Haller	
Pan 318' foot of	103 11	201	0 '	V State	
Hanget elne. ran	155 sa	As Poor	211		
Pitok - Roodg	erone Ped	to-long ?	A single		
		- 4000	em		

Samuel

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

#### INSPECTOR'S PLUGGING REPORT

Permit No					We	II No	
OMPANY				ADDRESS			
'ARM			DISTRICT		_COUNTY		
illing Material Used	· ·						
iner	Location		Amount		Location		
	JSED AND DE	PTH PLACED		BRIDGES		G AND TU	
CEMENT-THICKNES	* W	OOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST
1							
				,			
		7					
rillers' Names							
emarks:							

PIOS/29/2024TOP

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

## INSPECTOR'S WELL REPORT

Permit No. 85 -60	060				Oil o	r Gas Well
Company Hange	Atolne.		CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address			Size			
Farm H. H. Sm	ith et al		16			Kind of Packer
Well No. # - 13	5-9	A 14	13		e arben gan	Size of
District Murphy	County Ritch	ie	81/4		- er gr	Size of
Drilling commenced /	2-13-82		6%		-	Depth set
Drilling completed	Total depth		5 3/16			
Date shot	Depth of shot		2			Perf. top
Initial open flow	/10ths Water in	_Inch	Liners Used			Perf. top
Open flow after tubing_	/10ths Merc. in	_Inch				Perf. bottom
Volume		u. Ft.	CASING CEMEN	TED	_SIZE	No. FTDate
Rock pressure	lbs,	_hrs.	NAME OF SER	VICE COMPA	NY	
Oil	bbls., 1st 2	4 hrs.	COAL WAS EN	COUNTERED	AT	_FEETINCHES
Fresh water	feet	_feet	FEET_	INCH	ES	_FEETINCHES
Salt water	feet	_feet	FEET_	INCH	ES	FEETINCHES
Drillers' Names	Smith R. B.	ark	er 8. 1.	M Sture		
Haught elm	. Rig 17		tool Rush	er De	wey go	laddy
V.	isit, will run	7"	asing the	and a		nd
so if En	give sand is no	good	can dri	ll deepe	2	

12-17-82 DATE Samuel 91- Heroman 224

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

#### INSPECTOR'S PLUGGING REPORT

COMPANY			ADDRESS	and the second second	****	a topy
			C			
Filling Material Used						
	cation	Amount				
Liner Lo	cation	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOS
			ringle states a			
rillers' Names						
Remarks:						
DATE	I hereby certify I v	risited the above	e well on this date.			

DOG 162 9 12 1 2 1 CTOP

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION





OIL & GAS DIVISION
DEPT. OF MINES

Permit No. \_\_ 085 6860 Oil or Gas Well\_ CASING AND USED IN LEFT IN PACKERS Company. Size Address. 16\_ Kind of Packer\_\_\_\_ Well No. 10 Size of District 81/4\_ 65% Depth set\_\_\_\_ Drilling commenced\_\_\_ 5 3/16\_ Drilling completed\_\_\_\_\_Total depth Perf. top\_\_\_\_ Date shot\_ \_\_\_\_\_Depth of shot Perf. bottom\_\_\_\_ Liners Used Perf. top\_\_\_ Initial open flow\_\_\_\_\_\_/10ths Water in\_\_\_Inch Perf. bottom\_ Open flow after tubing\_\_\_\_\_/10ths Merc. in\_\_\_ Volume\_ Cu. Ft. CASING CEMENTED\_\_\_\_\_SIZE\_\_\_\_No. FT.\_\_\_\_Date NAME OF SERVICE COMPANY Rock pressure\_\_\_ 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. Remarks: 71983 OK TO Rolog54

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

#### INSPECTOR'S PLUGGING REPORT

ARM		DISTRIC	ADDRESS		11.000			
	10° 172.0 1 845 .	DISTRIC						
filling Material Used		DISTRICTCOUNTY						
Liner Location  PLUGS USED AND DEPTH PLACED		Amount	Packer	Location  CASING AND TUBING				
			BRIDGES					
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST		
			and the same of th	28.24,	LA SOLLA MORALE DA	marana di C		
						13652 38X		
100 100 100 100 100 100 100 100 100 100								
A STATE OF THE PARTY OF THE PAR			and the second s	e stojeta.		A SIMPLE TO		
			Sales (aa) total?	20 3 W. J.				
			Mary Commencer (SAL)		in the same			
	21 THE R. L.							
*	270 (\$40	D DOMANIS	AC CRAK	S. Angello P. G. Angello P. Angello		4 2 2 2 2 2 4		
		TV::T						
rillers' Names	And the second s	<u> </u>						
rillers Names								
Remarks:			·					
			Control Section 1 to 1					
DATE	I hereby certify I	visited the a	bove well on this date.					



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

WALTER N. MILLER DIRECTOR

August 12, 1983

THEODORE M. STREIT ADMINISTRATOR

Haught, Inc. 4424 Emerson Avenue Parkersburg, W. Va. 26101

#### Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

PERMIT NUMBER	FARM AND WELL NUMBER	DISTRICT
RIT-6006 RIT-6060 RIT-6067 RIT-6180 RIT-6295 RIT-5136 RIT-5270	H. S. Morris, #E-1362 H. H. Smith, et al, #H-1359 H. S. Morris, #H-1360 Dale Wolfe, et al, #H-1375 A. M. Douglas Heirs, #H-1374 William Bunner, #H-1250 Harle G. Layfield, #H-1267	Murphy Murphy Murphy Murphy Grant Grant Union
RIT-5453 RIT-6005	Woodrow Metz, et ux, #H-1314 H. S. Morris, et al, #H1361	Grant Murphy
PLEAS-1443-REN. PLEAS-0929 PLEAS-0939 PLEAS-1270 PLEAS-1380 PLEAS-1414	Benjamin Cunningham, #H-1209 Danny R. Higgins, #H-1077 Danny R. Higgins, #H-1078 Mary & Benjamin Cunningham, #H-1208 Paul Eddy, #H-1298 T. E. Cunningham Heirs, #H-1311	McKim McKim McKim McKim McKim McKim

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells ill remain under bond coverage for "life of wells." Reclamation requirements have een approved.....

ery truly yours,

deodore M. Strait Administra

