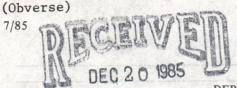
FORM WW-2(B) FILE COPY

7/85





1) Date: December 19

2) Operator's Imperial Colliery Company Well No. 7, Serial No. 107091

47 _ 019 -0579 3) API Well No.

Permit

11/1	DEC 2	1985	Constant Constant	,	STATE	OF WEST	VIRGI	INIA				
party ages		A11 8. (GAS DE	PARTM	ENT OF I	ENERGY,	OIL AN	INIA ID GAS DIV ORK PERM I	ISION			
DEPA	RTMENT	OF EN	LITOI			N FOR A W	VELL W	ORK PERMI	IT	MATOR	ate file is	
4) WELL TY												
	B (I	f "Gas",	Production	on	X/				/ Deep		_/ Shallow	_X/)
5) LOCATIO		vation: _			9				Gauley R		0 1 7	7/
		trict:		STREET, MISSEL ST. TO.	CODE							ridge 36
	7				oncode:	_2/50	7)		ED AGENT			tt
Addres		2.0. B	ASSESS OF SERVICE		,		Address P.O. Box 37			PARTY CONTRACTOR OF THE PARTY O	01010	
				4111	4						on, WV	24818
8) OIL & GA									CONTRACTO			
	Rodney			E. 104					terstate		ing Comp	any
Addres		Box						Address			/0701	
	Sca	arbro,	WV 2	25917					Corbin	, KY	40/01	
10) PROPOSI	ED WELL	WORK:	Drill_	X	/ Drill	deeper		Redrill	/ Stim	ulate	<u>X/</u>	
			Plug c	off old fo	rmation	/ Pe	rforate r	new formatio	n/			
			Other	physical c	hange in w	ell (specify)_			Car Land			
11) GEOLOG	ICAL TAR	GET FOR	MATION	v,W	eir	3044		A series				
12) Estim	ated depth o	of complet	ed well,	2	818'		feet					
13) Appro	oximate trat	a depths:	Fresh,	918, 1	130'	feet;	salt,		feet.			
	oximate coa					I	s coal bei	ing mined in t	he area? Yes_		/ No	X
15) CASING											- 174 y	
CASING OR	11	SPEC	CIFICATION	NS	ll l	FOOTA	GE INTER	VALS	II CEMENT F	ILL-UP I	PAC	KERS
TUBING TYPE	Size	Grade	Weight per ft.		Used	For drilling	- 1	Left in well	OR SAC	CKS		
Conductor	16	H-40	65	X	Useu	30		30	50 Sec. 12 199 Sec.	eet)	Vi-d.	
		H-40	32			1200		1200	CTS	21.	Kinds	
Fresh water	9 3/0	п-40	32	X		1200		1200	CTS D	gru	le 15.0	7
Coal		100 mm mm m						7	w.	'	Sizes	
Intermediate	1 7		00			2010	Legista i	2010	1		600	10 11-
Production	7	K-55	20	X		2818		2818	As Nee	eded 4	Depths secur	le 15.01
Tubing			1		1010	20.000		1 - baccon	18	1000	1	<u> </u>
Linc. s											Perforations:	- CU-WELL
	1 1 1 1 1 1 1 1										Тор	Bottom
202				-				3.70 710				
				1								
				(2)00012	ucerti cur	roller *						es dostani do
					OF	FICE US	E ONL	Y			100	isis mow lib
					DR	RILLING	PERM	IT				
		10 05	- = 0							T 21	fill sheach	2 10 00
Permit number_	47-0	119-05	579								nuary 9	9 19 86
										Date		
This permit cov												
quirements subj	e construct	ion of roa	ds, locati	ons and p	its for any	permitted wo	ork. In	addition, the	given to the Dis well operator o	trict Oil a	ind Gas Insperactor shall n	ector, (Refer to otify the proper
district oil and g	gas inspecto	r 24 hours	s before a	actual peri	nitted work	has comme	enced.)				baleta hio	sadors maio
The permitted w	ork is as de	scribed in	the Noti	ce and Ap	plication, p	olat, and recl	lamation	plan, subject	to any modifie	ations an	d conditions	specified on the
reverse hereof.	-			.00								
Permit expires	Janu	ary 9	9, 19	88	17 M	unless	well worl	k is commence	ed prior to that	date and p	prosecuted wi	th due diligence.
								A 7				
Bond:	Agent	: P	lat:	Casin	g Fe	e WP	CP	S&E	Other			QUARSA
-	1.	1	K.	100	1 301		10	9x				
	ND	K	DI	VII	0 301	8357	1	XD				Reason

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

Director, Division of Oil and

FORM WW-2	(B)	FILE CO
Reverse		
87		19 - 1
Permit	PIRUD.	ol C

Reason:

OF	CIC	E	110	EC	IAC	IV

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

LANCE TO COLOR	OFFI	CE USE ONLY	1 2 AC 2780 F	
This part of Form WW-2(Follow-up inspections.	3) is to record th	e dates of cert	tain occurrences and any	March 4
	Date		Dat	te(s)
Application received		Follow-up in	nspection(s)	
Well work started		TO BE U BOPPE OF	,,	
	THE TIME	Stationary Charles		
Completion of the drilling process		**	47-019-0879	
Well Record received	cation must be given to the fact.	The security for 2017 Young	ode moneyed they have to receive well begind to no and messal beneather actions continued by the structure of court well as a structure and the structure.	est or spirit (8 to
Reclamation completed			carepeator 24 in uts before actual, confitted by a second of the place and Applica	
OTHER INSPECTIONS	ork is con denied pronie iffiae	willow and 4	January 9, 1988	
Peacon:	To the same of the			

17921 3078512

see the reverse close of the APPLICALL SCORY for

To comboding unbooking the areast. Ye

1) Date: December 19 Operator's Imperial Colliery Co.

2) Well No. 7, Serial No. 107091

3) API Well No. 47 -019

State County Permit

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, DIVISION OF OIL & GAS DIMISION OF OIL & GAS NOTICE OF

	DIVIDIO	OF FNERGWOTTEE OF AP	PLICATION FOR A WELL WORK PERMIT	
4) SUR	FACE OWNER	(S) OF RECORD TO BE SE	RVED 5 (i) COAL OPERATOR	None
(i)	Name Imp	erial Colliery Company	Address	
(-,	Address D	O Per (20		
		0.0. Box 638	5 (ii) COAL OWNER(S) WITH I	ECLARATION ON RECORD
12.1		ynchburg, VA 24505	Name Imperial Coll	iery Company
(11)	Name		Address P.O. Box 63	8
	Address		Tio: Box os	
			Name Lynchburg,	VA 24505
(iii)	Name		IMPERIAL COLLIERY CO #7	
	Address		the state of the s	
		Form	SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO"	
	· -		space on reverse. JHB	ATION ON RECORD:
16		381	(CONSULT POSTMASTER FOR FEES)	
		į.	The following service is requested (check one).	
		¥	Show to whom and date delivered	
		TO THE PERSON(S) NAMED ABOVE		
		~	Show to whom, date, and address of delivery	inter
		(1) The Application fo involved in the dr	2. RESTRICTED DELIVERY	
		and, if applicable	to the return receipt tee.)	
		(2) The plat (surveyor	TOTAL \$	
		(3) The Construction a to plug a well), w		
		reclamation for the	3. ANTICLE ADDRESSED TO: C. LYNCH CHRISTIAN VICE-PRESIDENT, L≯RERIAL COLLIER	CO
		THE REASON YOU RECEIVED	P.O. BOX 638	
		WHICH ARE SUMMARIZED IN THE	LYNCHBURG, VA 24505	TION
		WW-2(B) DESIGNATED FOR YOU.	4. TYPE OF SERVICE: ARTICLE NUMBER	TION
		Take notice that under (REGISTERED DINSURED	
		erator proposes to file or he	EXCERTIFIED COO	יקר.
		for a Well Work Permit with i well at the location describe	DEXPRESS MAIL	ents
		Copies of this Notice, the A;	(Always chtain signature of addresses or agent)	6.
		have been mailed by registers	I have received the article described above.	lan amed
		above (or by publication in a to the Director of the Divisi	SIGNATURE Addressee Authorized agent	livery
			Ordinations Display Definitions agent	
		6) EXTRACTION RIGHTS	Musta Lolums	
		Check and provide one of	5. DATE OF DELIVERY POSTMARK	
		Included is the lease	(may be on revarse side)	ch I
		hold the right to The requirement of Co	11-73-85	en 1
		The requirement of Co	A ANDRESCEE'S ANDRESS MAN IS TO THE	ica.)

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.

6. ADDRESSEE'S ADDRESS (Only If requested

7. UNABLE TO DELIVER BECAUSE:

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

Is the right to extract, or other contract or contract or compensation to the own to the volume of oil or so

If the answer above you may use Affidavit Form WW-60.

7) ROYALTY PROVISIONS

John H. Burtnett	<u> </u>
his 19th day of December	, 1985,
My commission expires Nov. 23	, 1986.
Vicke III. Nonto	
Notary Public, State-at-Large	County,
State of Kentucky	

WELL OPERATOR Ashland Exploration, Inc.
By John H. Burtnett John H. Bustiell
Its Regional Civil Engineer Address P.O. Box 391
Ashland, KY 41114
Telephone 606/329-5258

GPO: 1982-379-593

78. EMPLOYEE'S

ion ated

INSTRUCTIONS TO APPLICANT

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Division 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 §22B-1-9(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, iiii) See Code \$22B-1-36.
 - 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 \$22B-1-6 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 \$22B-1-2C and the reclamation required by Code \$22B-1-30 and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code \$22B-1-2(c) and 22B-1-29, and (v) if applicable, the consent required by Code \$22B-1-21 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 § \$ 22B-1-9, 22-B-1-13 and 22B-1-14.

INFORMATION SUPPLIED UNDER CODE \$22B-1-8(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:



ASHIAND

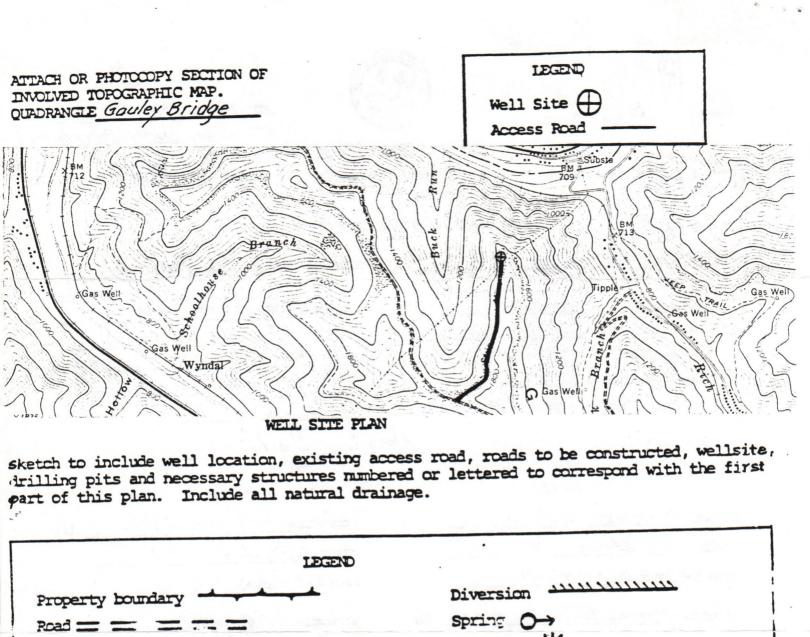
State of Mest Burginia

DATE Dece	mber 6, 198	5
WELL NO. Im	periol Collier	16. No 7
API NO. 47	-019 -05	-79
Serial	# 107091 4	

ECHI VISIN	Bepartment of El		Serial# 10	709/
UFF	OCTION AND RECIA			
SION OF CHILD				
TM COMPANY AME Ashland Exploration	A STATE OF THE PARTY OF THE PAR	IGNATED AGEN	Forrest Bu	rkett
Address Box 391, Ashland, Ky		Address Box	379, Brenton	2. WV 24818
Telephone 606-329-5258		Telephone 30	4-732-667	7
LANDOWNER Imperial Colliery Co		SOIL CONS. DI	SIRICI South	hern
Revegetation to be carried out	2 11 /		Inc.	(Agent)
This plan has been reviewed b			_SD. All co	rrections
and additions become a part of thi	S plan: 12-	Date Bosch	air	
ACCESS ROAD		Property of the second	LOCATION	
Structure Culverts - Steel - 15"	(A) s		version dit	66
Spacing As Shown	To the control of the control of the con-	Material Eor		<u>ch</u> (1)
Page Ref. Marual 2-7 \$ 2-8		Page Ref. Man		
Structure Headwalls - Rock rip-	<i>(D)</i> (B) S	Structure Dr.	Iling pit	(2)
Spacing N/A	<u> </u>	laterial Earl	h & rock-line	d f treated
Page Ref. Marmal 2-70, 7 \$8,2-10,2		age Ref. Man		the day of
Structure Drainage ditch	(C) *s	tructure 500	iment borre	er (3)
Spacing N/A			uboles or bi	
Page Ref. Manual 2-/2	P	age Ref. Mari	al 2-16	
All structures should be inspe commercial timber is to be cut a cut and removed from the site be	ected regularly and stacked and a	nd repaired	ess road	All to be
	REVECENTATION			
Treatment Area I (Ac				
2		ime	itment Area II	
or correct to pil 6.5	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		to pH 6.5	_Tons/acre
Fertilizer 500 lbs/	acre P	ertilizer	500	lbs/acre
(10-20-20 or equivalent) Mulch Straw 2 Tons	/acre M		20-20 or equiv	alent)
Seed* Ky. 31 Toll Fescue 201bs/		ulch <u>Strak</u>		
Geeping Red Fescue 20 1bs/		Creening		lbs/acre
Red Top 5 lbs/		Red Too	Red Fescue 20	lbs/acre
*Inoculate all legumes such as v Inoculate with 3% recommended amoun	ston, trefoil end	i clovers wit	h the proper be	acterium.
	TIAN PRIPAR	ED EY John	H. Burtne	1/10/2023
MODES: Please request landsument sosperation to protest new		RESE BOX 3		

seedling for one growing season.
Attich separate sheets as necessary for comments.

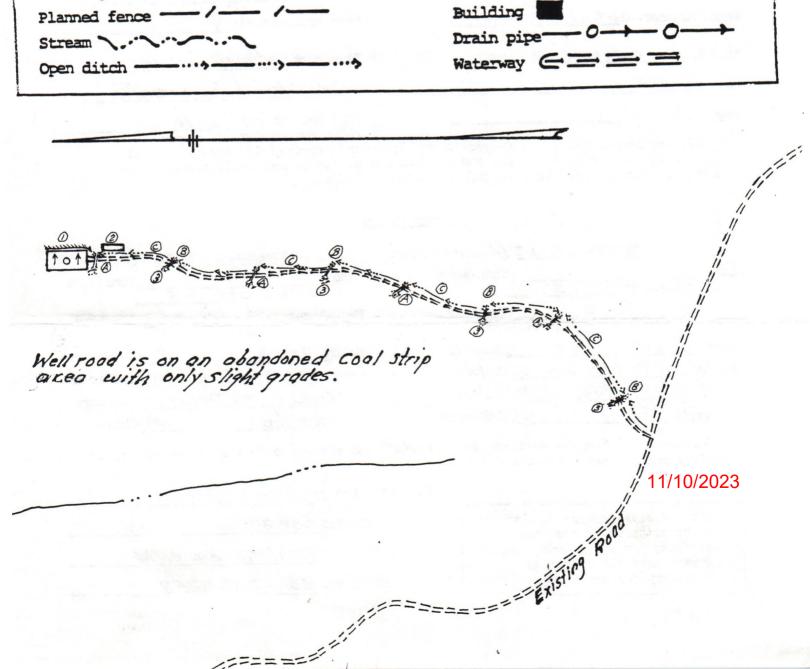
Ashland, Ky. 41114 FECKE NO. 606-329-5258



Wet spot

Building

Dristing fence --- X--- X-



SITE REGISTRATION APPLICATION FORM STATE OF WEST VIRGINIA/NPDES GENERAL PERMIT FOR OIL AND GAS DRILLING PIT WASTE DISCHARGE

. Company Name Ashland Exploration, Inc.
2. Mailing Address P.O. Box 391 Ashland Kentucky 41114
3. Telephone 606/329-5258 4. Well Name Imperial Colliery Co. #7
5. Latitude 380-13'-17" Longitude 810-09'-35"
6. NPDES # WV0073343 7. Dept. Oil & Gas Permit No. 47-019-05-76
8. County Fayette 9. Nearest Town Jodie
10. Nearest Stream Buck Run 11. Tributary of Gauley River
12. Will Discharge be Contracted Out? yes no X
13. If Yes, Proposed Contractor
Address
Telephone
14. Proposed Disposal Method: UIC Land application X
Off Site Disposal Reuse Centralized Treatment
Thermal Evaporation Other

15. Attach to this application a topographic map (a duplicate of the one submitted to the Office of Oil and Gas) showing the outline of the facility, location of wells, springs, rivers and other surface water bodies, and drinking water wells known to the applicant in the area of the lease that may be impacted by any land application.

Nothing in the general permit shall be deemed in any way to create new, or enlarge existing, rights of riparian owners or others. Neither does anything in the general permit create new, or enlarge existing, obligations or duties of an operator pursuant to the requirements of W. Va. Code S22-4-1 et seq. The issuance of the general permit does not convey any property rights of any sort. Nor shall the issuance of the general permit give rise to any presumptions of law or findings of fact inuring to or for the benefit of persons other than the State of West Virginia.



WR-35

CLAND OF ENERGY OIL AND GAS



State of Mest Wirginia

DEPARTMENT OF ENERGY

APR 2 5 1986

Gil und Gas Zivision

Pate	April	24,	1986	
Opera	tor's			
Well	No7_			
Farm	Imperia	L Co	lliery	Co.
APT N	0.47 -	010	-	0579

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING,	OR	PHYSICAL	CHANGE

		Gauley Ri		
District: Valley County Fayet	te	Quadrangle	<u>Gauley</u>	Bridge
OMPANY Ashland Exploration. Inc.				
DDRESS P. 0. Box 391, Ashland, KY 41114	Casing	Used in	Left	Cement fill up
FSIGNATED AGENT Forrest Burkett	Tubing	Drilling	in Well	Cu. ft.
DDRESS Box 379, Brenton, WV 24818	Size			
SURFACE OWNER Imperial Colliery Co.	20-16 Cond.	28'	28'	15 sks
DDRESS Box 638, Lynchburg, VA 24505	13-10"			
MINERAL RIGHTS OWNER Imperial Colliery Co.	9 5/8	676'	676'	300 sks
ADDRESS Box 638, Lynchburg, VA 24505	8 5/8			
DIL AND GAS INSPECTOR FOR THIS WORK Rodney	7	2777'	2777 '	160 sks
Dillon ADDRESS Box 30, Scarbro, WV	5 1/2			
PERMIT ISSUED Jan. 9, 1986	4 1/2			
ORILLING COMMENCED March 11, 1986	3			
ORTILING COMPLETED March 20, 1986	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON				
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners			
ON				1
GEOLOGICAL TARGET FORMATION Weir		Dep	th 2818	fee
Depth of completed well 2818 feet	Rotary X	/ Cabl	e Tools_	
Water strata depth: Fresh 28' feet;				
Coal seam depths: 520-527 (open mine)	Is coal	being min	ed in the	e area? No
OPEN FLOW DATA				
Producing formation Keener/Injun & Big Li	me Pa	v zone der	2596- oth 2373-	2611 2484 fee
Gas: Initial open flow 105 Mcf/d				
Final open flow 972 Mcf/d				
Time of open flow between ini				
Time of open flow between ini Static rock pressure 480 psig(surfa				0/2023
Static rock pressure 480 psig(surfa	n)			J1
Static rock pressure 480 psig(surface) (If applicable due to multiple completion)	n) Pa	y zone dej	oth_	fee
Static rock pressure 480 psig(surface) (If applicable due to multiple completion) Second producing formation	Pa	ay zone deg	oth_	fee Bbl,
Static rock pressure 480 psig(surface) (If applicable due to multiple completion)	Oil: Ir	ay zone dep nitial oper	oth	Bb1,

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

Perf Keener/Injun 30H/2596-2611 - 75 Q foam frac using $50\frac{1}{5},000\#20/40$ sand & 372,000 SCF N₂ @ 7200 SCF/min. BD @ 900#, ATP 900# @ 20 B/M foam, MTP 1000#, ISIP 900#, 15 min 800#, TF 312 bb1. TSLF 225 bb1.

Perf Big Lime 19H/2373-2484 - Acidize w/2000 gal 15% HCl. BD @ 1520#, ATP 1160# @ 5 B/M, ISIP 750#, 15 min O#

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all free and salt water, coal, oil and ga
Sand & Shale	0	1758	1 , V , V , V , V , V , V , V , V , V ,
Base Salt Sand		1758	
Shale	1758	1996	
Middle Maxton	1996	2026	
Shale	2026	2213	
Lower Maxton	2213	2236	
Shale	2236	2257	
Little Lime	2257	2328	
Shale			
	2328	2348	
Big Lime	2348	2558	
Keener	2558	2597	
Injun	2597	2614	
Shale	2614	2634	
Weir	2634	2734	
Shale	2734	TD	
DTD 2818			
LTD 2785			
		The last of the la	
	1	1	

(Attach separate sheets as necessary)

ASHLAND EXPLORATION, INC.	
Well Operator	
By: Klerch S. Mins.	11/10/2023
Date: April 24, 1986	

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."

INSPECTOR'S PERMIT SUMMARY FORM

1-9-86

WELL TYPE GAS		API# 47	019 -0579
ELEVATION 1668	OPE	RATOR	Ashland
DISTRICT Valley		EPHONE	
QUADRANGLE Gauley		M Imper	iAl Colliery Co.
COUNTY Fayette		L #	7
SURFACE OWNERImperia	al Colliery COMMENT	'S	TELEPHONE
			RECEIVED /-//-86
DATE STARTED ,			COMPAGE
LOCATION /- 86	NOTIFIED /	es DR:	ILLING COMMENCED
WATER DEPTHS			
COAL DEPTHS 530 - 5	17, open, _	, ,	7.
	Cand Actu		_
	CASIN		300 SKS
Ran (075 feet	of 948 "pipe	on 3-14	with CTS fill up
Ran 2777 feet	of"pipe	on 3-20	withfill up
Ranfeet	of "pipe	on	with fill up
Ranfeet	of "pipe	on	with fill up OIL AND GAS
TD <u>3818</u> feet			2 4006
	PLUGGI	NG	JUN 2 1980
Type	From	То	Pipe Removed
Туре			
			Tree Street Pro
Pit Discharge date	Type	1635	1 4 84 150 7 10 5 164 7
	ph	fe	c1
Field analysis	1200 000	The said	y tall our way
Well Record receive	eu		
n. D. Janes 51	20166		43
Date Released 5			
	30/10	20	T. Welled Co.
The state of the state of	30/10	80	11/10/2023

API# 47 019 - 0579

LIST ALL VISITS FOR THIS PERMIT

DATE	TIME	CHM R;	
	TIME	PURPOSE	COMMENTS
			/ '
1-13		look before	building
1-19		Building	
		- Country	
2-4		Josh all	- benefit
		non agree	bulding
3-12	× , · · · · · ·	dried Cond	0 1
5 /2		dreel Cond.	hole
3-14		D cu	
0/4		Run 95/8	The state of the s
2 - 2		DEFE	C
3-23		Hole drilled	Rig Moved
4-18	444	Hole Complete	Not Producing
		37	e de la Salana de la Caracia d
			2
		C Zaharaha yang menganya kenalah salah seri	

Notes

Two Stage Cont. Job On Pin.
Stage Toolet 1300' 1st Stage 160 SKS.

Peason for This was To Cover Mine At 500'

I made Casing Change Because of The Mine

I Had Co. To log for Coal Under 119012023

