







# Oil and Gas Division

## OIL AND GAS WELL PERMIT APPLICATION



	Va.	DATE		r 8, <b>1</b> 978	and the second second
			Appalac	hian Explora	tion &
P.O.	Box 85	Compa	ny Develop		
Address Gilboa	a, WV. 26671	Addre	35		W.Va. 25322
Willieral Owlier	as above.	Farm_	D. Johnson		_Acres47
Address	1 11 1000	Locati	on (waters) G	riffin Branc	h of Peters Cre
Coal Owner	11 11	Well N	-		1/001
Address	18651 11 11	Distric	Cront		_CountyNicholas
Coal Operator None	•	Quadra	0:11	- 7-1/2°	
Address					
operations have not some perations have not some perations and the second secon	. This permit shall expended by 4-19-  B. Gas Division  Derator is entitled to draw be) under grante to County, Book	PHONE	658-4280  med farm or transverse for the second on 341.	act of land for of 19.78 by theFRACTURE	il and gas, having fee y Dennis R. day of November
The enclosed plat was pave been notified as of the	S WELL ORIGINALLY prepared by a registered e above date.				ers and/or operators
The above named coal of make by Section 3 of the	owners and/or operator ne Code, must be receiv	are hereby notified the	at any objection the Department	n they wish to m	nake, or are required ten (10) days. *
	the enclosed plat were	ddress	mail, or deliver		
Copies of this notice and or coal owners at their aboame day with the mailing of	ove shown respective a	to the Department of	day _	leston, West Virg	before, or on the
Copies of this notice and or coal owners at their abo	ove shown respective ac or delivery of this copy S OF ALL	to the Department of	of Mines at Char yours, lachian Exp	leston, West Virg	before, or on the
Copies of this notice and recoal owners at their about the mailing of the control	ove shown respective acor delivery of this copy  S OF ALL  RECTLY TO:	to the Department of Very truly Appa	of Mines at Char yours, lachian Exp	leston, West Virg	before, or on the finia.
Copies of this notice and recoal owners at their aboune day with the mailing of LEASE SUBMIT COPIES	ove shown respective acor delivery of this copy  S OF ALL  RECTLY TO:	Very truly Appa (Sign Name	day day day of Mines at Character day	leston, West Virg	before, or on the finia.
Copies of this notice and recoal owners at their about the mailing of the control	ove shown respective acordelivery of this copy  S OF ALL  RECTLY TO:  GICAL AND	v to the Department of Very truly Appa (Sign Name	day of Mines at Charles to Charles to	leston, West Virg	before, or on the finia.
Copies of this notice and coal owners at their about the mailing of the coal owners at their about the coal owners are compared to the coal of the coal o	ove shown respective acordelivery of this copy  S OF ALL  RECTLY TO:  GICAL AND	Very truly Appa (Sign Name	day of Mines at Charles to Charles to Cary	leston, West Virg	before, or on the ginia.
Copies of this notice and recoal owners at their about the mailing of the control	ove shown respective acordelivery of this copy  S OF ALL  RECTLY TO:  GICAL AND	Very truly Appa (Sign Name	day of Mines at Charles to Charles to Cary	leston, West Virg	before, or on the ginia.

\*SECTION 3.... If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

47-067-0482 PERMIT NUMBER

# THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER T	OX DRILL	DEEPEN	FRACTURE STIMULATE			
DRILLING CONTRACTOR: (1		RESPONSIBLE AGENT:				
NAME Smith Drilling C	,	NAME R.P.				
ADDRESS Box 150, Lawre	enceville, Ill. 62439		28, Charleston, WV 25322			
TELEPHONE		TELEPHONE 344-				
ESTIMATED DEPTH OF COM	PLETED WELL: 1865		_ CABLE TOOLS			
PROPOSED GEOLOGICAL FOI		ROTART	_ CABLE TOOLS			
		OMB COOR A				
THE OF WELL.			GE DISPOSAL			
	RECYCLI	NG WATER FI	LOOD OTHER			
TENTATIVE CASING PROGRA	M.					
- Salara Trodita	AIVI.					
CASING AND TUBING	USED FOR	LEFT IN	CEMENT LILL UP			
SIZE	DRILLING	WELL	OR SACKS - CUBIC 1-1.			
20 - 16		200000				
13 - 10						
7 - 3/6	- A Company of the Co					
8 - 5/8						
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	500'	5001	circulate.			
5 ½	1005	10478				
4 ½	1865	1865'	100 sks.			
2	- 36		, Perf. Top			
Liners			Perf. Bottom Perf. Top			
		STIP LEGAL BUT TA TOT	Porf. Bottom Than 28 21145			
		31% 32377 3711 17 3211	- Str. Bottom, Value -			
APPROXIMATE FRESH WATER APPROXIMATE COAL DEPTHS IS COAL BEING MINED IN TH	Unknown.	SALT WATER	cope of pried society and lo			
TO DRILL:			A STATE OF THE STA			
SUBMIT FIVE (5) COPIES OF PLAT.	OF OG -1, \$100.00 PERMIT	FEE, PERFORMANCE	BOND AND PERMANENT COPY			
TO DRILL DEEPER OR REDRI	LL:					
SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT	TO 1929, A PERMANENT CO	NAL PERMIT NUMBER A	ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD			
TO FRACTURE - STIMULATE:						
BOND, PERMANENT PLAT	AND ORIGINAL WELL RECO	ORD.	COPIES OG - 1, PERFORMANCE			
OIL AND/OR GAS WELL O ING ORIGINAL PERMIT NU	PRIGINALLY DRILLED ON AN JMBER, AND PERFORMANCE	D/OR AFTER JUNE 5, 19 BOND.	29, FIVE COPIES OG - 1, SHOW-			
Required forms must be file four (24) hours in advance.	d within ninety (90) days of co	empletion for bond release.	Inspector to be notified twenty-			
The following waiver must hereof.	be completed by the coal oper	ator if the permit is to be	issued within ten days of receipt			
WAI∨ER: I the undersigned, Age this lease have examin	ent for ed and place on our mine ma	Coal Company, Owners this proposed well local	r or Operator of the coal under			
			well being drilled at this location,			
providing operator has Code.	complied with all rules and regul	ations in Articles 4, 5, and	7, Chapter 22 of the West Virginia			
			or Coal Company			
			Over 1 min			
			Official Title			

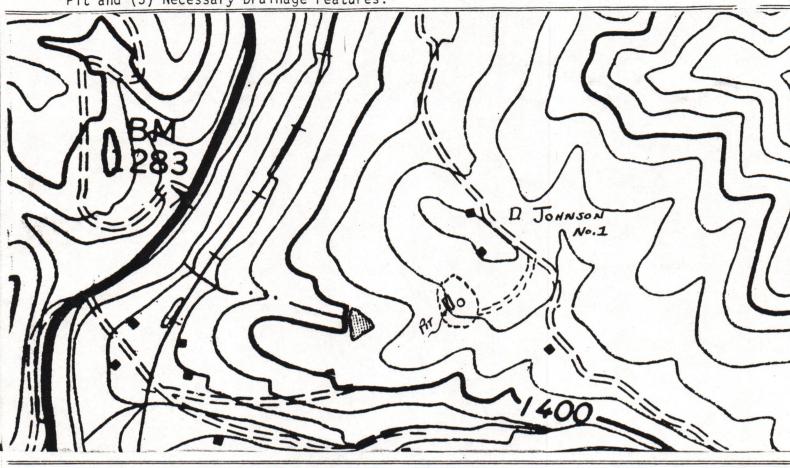
RECLAMAT	ION	PLAN
----------	-----	------

WELL 1	VO.	1	

QUADRANGLE Gilboa - 7-1/2'

SCALE 1'' = 500'

Locate and show (1) Well Location (2) Access Road (3) Well Site (4) Drilling Pit and (5) Necessary Drainage Features.



COMPANY NAME Appalachian Exploration & Development, Inc. PERMIT NO. 47-067-0482-1

FARM D. Johnson

DISTRICT Grant

COUNTY Nicholas

STATEMENT OF RECLAMATION PLAN:

Location is staked 400 feet south of an existing private road. Cover at proposed location is over-grown pasture and small scrub timber.

Grade of road to location from private road is less than 5%. Pit will be built on location and lined. Nearest dwelling is 300 feet north-

west of location. Road and location to be reclaimed upon completion.

Not to scale; drawing of all roads, locations, ditches, drains, pits, silt traps, etc.

DEC 1 9 1978

OIL & GAS EIVISION OF MINES

This plan was observed and agreed upon between the well operator, contractor, and the district oil and gas inspector.

> Please indicate ( ) "YES" if the district insperty2023 present.

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Submitted By: James R. Cramblett Title Regional Manager, Drilling & Production

Date <u>Dec. 18, 1978</u>

We h. Johnson private road. Covar at proposed location is crut-room pesture and custi sorub timber. Gunde of road to location from private word in less than it. Fit will be built on location and lived. Nearest Swelling is 300 feet north-

11/17/2023

en di nambro de la seria de como di la composito de la composito de la composito de la composito de la composi Estas de las diposas de la composito de la comp





OIL & GAS DIVISION DEPT. OF MINES

PERMIT NUMBER

## Oil and Gas Division

# OIL AND GAS WELL PERMIT APPLICATION

Charleston, W. Va.		10
	DATE December 8, 197	
Surface Owner Dennis Johnson	Appalachian Exp  Company Development, Ir	
P.O. Box 85	n (00 Obestee	ston, W.Va. 25322
	11441 000	, _
Mineral Owner Same as above.	Farm D. Johnson	Acres47
Address	Location (waters) Griffin H	Branch of Peters Cree
Coal Owner	Well No1	Elevation 1490
Address	District Grant	Nicholas
Coal Operator None.	Gilboa - 7-1/2	
Address		
47 459 d		
	INSPECTOR	
	TO BE NOTIFIED	
	ADDRESS	
	PHONE	
PROPERTY OF THE PARTY OF THE PA		
GENTLEMEN:		
The undersigned well operator is entitled to drill upon		
title thereto, (or as the case may be) under grant or leas	se dated <u>November 6</u> 19	by Dennis R.
Johnson, et ux made to A.E.D., Inc.	and recorded on the	day of November
		198 No.
1978, in Nicholas County, Book 48	Page341.	
1978, in Nicholas County, Book 48	Page	
1978, in Nicholas County, Book 48  X NEW WELL DRILL DEEPER _	PageFRA	
1978, in Nicholas County, Book 48	PageFRA	
1978, in Nicholas County, Book 48  X NEW WELL DRILL DEEPER _	PageFRAFRA LED BEFORE JUNE 5, 1969.	CTURE OR STIMULATE
1978, in Nicholas County, Book 48  X NEW WELL DRILL DEEPER _ OIL AND GAS WELL ORIGINALLY DRILL  The enclosed plat was prepared by a registered engines	PageFRAFRA LED BEFORE JUNE 5, 1969.	CTURE OR STIMULATE
1978, in Nicholas County, Book 48  X NEW WELL DRILL DEEPER DOIL AND GAS WELL ORIGINALLY DRILL  The enclosed plat was prepared by a registered engined have been notified as of the above date.  The above named coal owners and/or operator are here	PageFRAFRA LED BEFORE JUNE 5, 1969.  er or licensed land surveyor and all co	CTURE OR STIMULATE al owners and/or operators h to make, or are required
1978, in Nicholas County, Book 48  X NEW WELL DRILL DEEPER DOIL AND GAS WELL ORIGINALLY DRILL  The enclosed plat was prepared by a registered engined have been notified as of the above date.  The above named coal owners and/or operator are here	PageFRAFRA LED BEFORE JUNE 5, 1969.  er or licensed land surveyor and all co	CTURE OR STIMULATE al owners and/or operators h to make, or are required
1978, in Nicholas County, Book 48  X NEW WELL DRILL DEEPER DOIL AND GAS WELL ORIGINALLY DRILL  The enclosed plat was prepared by a registered engined have been notified as of the above date.  The above named coal owners and/or operator are here to make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed	Page FRA FRA LED BEFORE JUNE 5, 1969.  er or licensed land surveyor and all comby notified that any objection they wis filled with the Department of Mines with the Department of	al owners and/or operators th to make, or are required within ten (10) days. * above named coal operators
1978, in Nicholas County, Book X  NEW WELL DRILL DEEPER  OIL AND GAS WELL ORIGINALLY DRILL  The enclosed plat was prepared by a registered engined have been notified as of the above date.  The above named coal owners and/or operator are here to make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective address	PageFRA FRA  LED BEFORE JUNE 5, 1969.  er or licensed land surveyor and all complete to the second surveyor and surve	al owners and/or operators the to make, or are required within ten (10) days. *  above named coal operators before, or on the
1978, in Nicholas County, Book 48  X NEW WELL DRILL DEEPER DOIL AND GAS WELL ORIGINALLY DRILL  The enclosed plat was prepared by a registered engined have been notified as of the above date.  The above named coal owners and/or operator are here to make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed	PageFRA FRA  LED BEFORE JUNE 5, 1969.  er or licensed land surveyor and all complete to the second surveyor and sur	al owners and/or operators to make, or are required within ten (10) days. *  above named coal operators before, or on the Virginia.
NEW WELL DRILL DEEPER DOIL AND GAS WELL ORIGINALLY DRILL  The enclosed plat was prepared by a registered engined have been notified as of the above date.  The above named coal owners and/or operator are here to make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective address same day with the mailing or delivery of this copy to the	PageFRA FRA  LED BEFORE JUNE 5, 1969.  er or licensed land surveyor and all complete to the second surveyor and sur	al owners and/or operators to make, or are required within ten (10) days. *  above named coal operators before, or on the Virginia.
NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILL  The enclosed plat was prepared by a registered engined have been notified as of the above date.  The above named coal owners and/or operator are here to make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective address same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL	PageFRA	al owners and/or operators to make, or are required within ten (10) days. *  above named coal operators before, or on the Virginia.
NEW WELL DRILL DEEPER DOIL AND GAS WELL ORIGINALLY DRILL  The enclosed plat was prepared by a registered engined have been notified as of the above date.  The above named coal owners and/or operator are here to make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective address same day with the mailing or delivery of this copy to the	PageFRA FRA  LED BEFORE JUNE 5, 1969.  er or licensed land surveyor and all complete to the second surveyor and sur	al owners and/or operators  th to make, or are required within ten (10) days. *  above named coal operators before, or on the Virginia.
NEW WELL	PageFRA	al owners and/or operators  th to make, or are required within ten (10) days. *  above named coal operators before, or on the Virginia.
NEW WELL	PageFRA  REDRILLFRA  LED BEFORE JUNE 5, 1969.  er or licensed land surveyor and all complete to the surveyor surveyor and all complete to the surveyor surveyo	al owners and/or operators  th to make, or are required within ten (10) days. *  above named coal operators before, or on the Virginia.
NEW WELL	PageFRA  REDRILLFRA  LED BEFORE JUNE 5, 1969.  er or licensed land surveyor and all co  by notified that any objection they wis  or filed with the Department of Mines at Charleston, Well Operation (Sign Name)	al owners and/or operators  th to make, or are required within ten (10) days. *  above named coal operators before, or on the Virginia.
NEW WELL	PageFRA  LED BEFORE JUNE 5, 1969.  er or licensed land surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surve	al owners and/or operators th to make, or are required within ten (10) days. *  above named coal operators before, or on the Virginia.
NEW WELL	PageFRA  LED BEFORE JUNE 5, 1969.  er or licensed land surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surve	al owners and/or operators the to make, or are required within ten (10) days. *  above named coal operators before, or on the Virginia.
NEW WELL	PageFRA  LED BEFORE JUNE 5, 1969.  er or licensed land surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surve	al owners and/or operators the to make, or are required within ten (10) days. *  above named coal operators before, or on the Virginia.
NEW WELL	PageFRA  LED BEFORE JUNE 5, 1969.  er or licensed land surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surve	al owners and/or operators the to make, or are required within ten (10) days. * above named coal operators before, or on the Virginia.  Development, Inc.
NEW WELL	PageFRA  LED BEFORE JUNE 5, 1969.  er or licensed land surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surve	al owners and/or operators that to make, or are required within ten (10) days. * above named coal operators before, or on the Virginia.  Development, Inc.
NEW WELL	PageFRA  LED BEFORE JUNE 5, 1969.  er or licensed land surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surve	al owners and/or operators the to make, or are required within ten (10) days. * above named coal operators before, or on the Virginia.  Development, Inc.
NEW WELL	PageFRA  LED BEFORE JUNE 5, 1969.  er or licensed land surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surveyor and all complete to the second surveyor and surve	al owners and/or operators that to make, or are required within ten (10) days. *  above named coal operators before, or on the Virginia.  Development, Inc.
NEW WELL	Page	al owners and/or operators that to make, or are required within ten (10) days. *  above named coal operators before, or on the Virginia.  Development, Inc.  of ten days from the receipt of the well operator a permit reciting

# THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO	X DRILL	DEEPEN F	RACTURE-STIMULATE
DRILLING CONTRACTOR: (If		RESPONSIBLE AGENT	
NAME Smith Drilling Co		NAMER.P. Pa	
ADDRESS Box 150, Lawren	ceville, Ill. 62439	그 없으셨다면 하실 한 학생들이 그 않는데 생각이 없어졌다면 하다.	3, Charleston, WV 253
TELEPHONE			355
ESTIMATED DEPTH OF COMPL	ETED WELL: 1865		CABLE TOOLS
PROPOSED GEOLOGICAL FORM		ROTART	CABLE TOOLS.
		OMB STORY	
TYPE OF WELL: OIL_			
TENTATIVE CASING PROGRAM  CASING AND TUBING		LEFT IN	OODOTHER
SIZE	DRILLING	WELL.	OR SACKS - CUBIC 1-1.
20 - 16			
9 - 5/8			
7 3/6			
8 - 5/8			
	500'	500'	circulate.
5 ½ 4 ½	1865'	1865'	100
3		1802.	100 sks.
2			Perf. Top
Liners			Perf. Bottom Perf. Top
-			Perf. Bottom
APPROXIMATE FRESH WATER APPROXIMATE COAL DEPTHS _	unknown.		
IS COAL BEING MINED IN THE	AREA? No.	BY WHOM?	
TO DRILL:			
SUBMIT FIVE (5) COPIES ( OF PLAT.  TO DRILL DEEPER OR REDRILI SUBMIT FIVE (5) COPIES O WELLS DRILLED PRIOR TO MUST ALSO BE SUBMITTED	F OG - 1 SHOWING OPIGE		OND AND PERMANENT COPY  D PERFORMANCE BOND. ON HE ORIGINAL WELL RECORD
	).		
TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL OR	ICINALLY DRIVER		
	THE WELL REC	JRD.	OPIES OG - 1, PERFORMANCE
OIL AND/OR GAS WELL OR ING ORIGINAL PERMIT NUM	IGINALLY DRILLED ON AN IBER, AND PERFORMANCE I	D/OR AFTER JUNE 5, 1929 BOND.	, FIVE COPIES OG - 1, SHOW-
Required forms must be filed four (24) hours in advance.	within ninety (90) days of co	empletion for bond release.	Inspector to be notified twenty-
Pro An	O ac e men la les		
The following waiver must be hereof.	completed by the coal opera	ator if the permit is to be is	sued within ten days of receipt
VAI VER: I the undersigned, Agent this lease have examined	for	Coal Comment	
this lease have examined	and place on our mine map	s this proposed well leasting	or Operator of the coal under
We the	Coal Company by	vo no objecti well locatio	n. I being drilled at this location,
providing operator has con Code.	mplied with all rules and regula	ations in Articles 4, 5, and 7,	Chapter 22 of the West Vinginia
to the second se		For	Coal Company

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

tem	May	7	12	,	1979
erator's					

\_\_\_\_Bbl/d

Ob	е	I.	a	L	0	I.	ľ	5	
1.10	7	7		R.T.	_				

FORM I	7-35 se)							Well No.	
[08-78]					WEL	L OPERATOR'S R	EPORT 14	API Wel	No. 47 - Nic - 482
		DRIL	LING, FI	RACTU	RING A	ND/OR STIMULAT	ING, OR PHYS	ICAL CHANGE	D. Johnson #1  No. 47 - Nic - 482  State County Perm  7-067-0482
									1-067-0482
WELL TYPE:	011	_/ 0	as X	10	iquid	Injection	_/ Waste Di	isposal/	
	(If "Ga	as", Pr	oductio	n	_/	Underground st	orage/	Deep/	Shallow/)
LOCATION:	Elevati	lon: _	1490'		_ W	atershed:(	Griffin Bran	nch of Peters	Creek
	Distric	et:	Grant		_ c	ounty: Nicl	nolas Qu	uadrangle:	Gilboa (7.5' Series)
WELL OPERATO	R Appa	alachi	an Exp	lorat	ion 8	Dev., Inc. D	ESIGNATED AGE	ENT James	R. Cramblett
Address	P.O.	Box 6	28				Address	P.O. Box 62	3
	Char	leston	, W.Va	. 25	322	-		Charleston,	W.Va. 25322
PERMITTED WO	RK: Dr	111	X / Co	nvert		/ Drill deepe	r / Redr	111 )) Rr.	acture or stimulate
	וק	ug off	old fo	rmatt	on	/ Perforat	e new format	ion The	eture or stimulate
	0+	bon oh	vsical	ahana	- 1n	woll (specify)	e new lormat		0 1070
	01	ner pr	lysical	Chang	se in	well (Specify)		- MA	Y = 8 1979
		-							CAC DIVISION
PERMIT ISSUE	ED ON _	Decem	ber 19		_, 19	78	OIL & GAS INS	PECTOR FOR THE	S WORK MINES
(IF APPLICAE	BLE: P	LUGGIN	G OF DR	Y HOL	E ON	0.0	Name Leroy	Hopkins	
REWORK	NG. V	ERBAL	PERMISS:	ION O	BTAIN	ED	Address	General Del	ivery
			, 19					Ansted, Wes	Virginia
									50-1198 Seet
Depth o	of comp	leted	well, _	1	269	feet Rota	ary_X_/ C	able Tools	
						et; salt,_			
						Is coal be:		the area? No	
									ry 18 , 19 79
						, , , , , , , , , , , , , , , , , , , ,			
CASING AND	TUBING	PROGRA	M				,		
CASING OR TUBING TYPE		SPEC	IFICATI	ONS		FOOTAGE I	NTERVALS	CEMENT FILL-U	PACKERS
TUBING TIPE	Size	Grade	Weight per ft	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	
Conductor	9-5/8	"				51'	5 <b>1</b> '		K.1 nds
Fresh water									
Coal	7"					493'	4931	100 sks.	Sizes
Intermediate									
Production	2-7/8	311	6.4#			1267'	1267'	60 sks.	Depths set
Tubing									2000110
Liners									Pontanations
TT. I.C. D									Perforations:
					1				Top Bettom 1182' 1190'
					-		-		1102 1190
	11				1			<b>4</b>	
OPEN FLOW DA	TA								
Produci	ng for	mation	F	Raven	cliff			Pay zone dept	h 1182-1190' feet
						Mcf/d (			
						Mcf/d			
				100		tween initial a			
	ntia								
							leasurement)	nc nc	urs 1.11/1.17/2023
				-	-	etion]			
									hfeet
Ca	e. In	11121 (	men fil	TAT		MCT/U	mir initial	open tlow	HDI/A

Final open flow, \_\_\_\_Mcf/d Final open flow,

Static rock pressure,

Time of open flow between initial and final tests, \_\_\_\_ hours

psig (surface measurement) after \_\_\_\_ hours shut in

[08-78]

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

Broke down with 1000 gallons of 15% HCL. Break down pressure 3500#. Ran perforation balls. Treated Ravencliff with 6000# of 80/100 to 2# per gal. 25,000# of 20/40 to 2-1/2# per gal. Average injection rate 9.6 bbls. per minute. Average treating pressure 2,638#. ISIP 1100#, 15 minutes, 975#. Total fluid 468 bbls. S/L 394 bbls.

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, cil and gas
C. C. P. D. C.				90	
Surface Rock	refer earns areas		0	80	
Sand	and had		80	125	
Shale			125	210	
Sand			210	300	
Shale			300	370	
Sand			370	440	
Sand and Shale			440	700	
Shale			700	748	
Sand			748	758	
Shale			758	798	
Sand			798	808	
Shale			808	834	
Sand		The same of the same of	834	916	
Shale			916	1150	
Broken Sand			1150	1198	
(Ravencliff					
Shale			1198	T.D.	D.T.D. 1270' L.T.D. 1269'
		1-1-	1		
		1 1 1			
			1		

(Attach separate sheets to complete as necessary)

Appalachian Exploration & Development, Inc. Well Operator

Regional Manager, Drilling 1.147/2023n

NOTE: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geologial record of all formations, including coal, encountered in the drilling of a well."

Permit No.N/C 482

#### STATE OF WEST VIRGINIA

# DEPARTMENT OF MINES



### INSPECTOR'S WELL REPORT

Address of the state of the contract of the co

OIL & GAS CIVISION DEFT. OF MINES

Oil or Gas Well GAS

CompanyA	IED	and the second s	CASING AND	DRILLING	LEFT IN	PAC	KERS
			Size	and the second s		least teleps.	.M. wainid
Address C A A A A	bstan n	N.T. W	16			Kind of Pa	cker
Farmanderman Judah	W.SOK		13	pagement automobile securina se provincia mode no vigo plane prima esper-		The state of the s	The state of the s
Well No # /		minant den coupit - nepone rinds la sociaques	10			Size of	
District GRANT	County	cie	81/4				
	1-12-7	9	6%			Depth set_	
			5 3/16				
Drilling completed	Total depth		3			Perf. top_	and the second s
Date shot	Depth of shot		2			Perf. botto	m
Initial open flow	/10ths Water	inInch	Liners Used			Perf. top_	
Onen flow after tubing	/10ths Merc.	in Inch				Perf. botto	m
			CASING CEME		GIAL.	No. 1000	Dot
Volume		Cu. Ft.	NAME OF SE		A DYTZ		· · · · · · · · · · · · · · · · · · ·
Rock pressure	lbs	hrs,	NAME OF SE	RVICE COMP.	ANI		erge angeligen vide favor
Oil	bbls	s., 1st 24 hrs.	COAL WAS E	NCOUNTERE	AT	FEET	INCHE
Fresh water	feet	feet	FEET	INC	HES	FEET	INCHE
	feet		FEET	INC	HES		INCHE
Sait water				CA AND DESCRIPTION OF THE PARTY			ыжтысы
Drillers' Names							
Remarks:	us Nie 4	82 C	OPANY	WAS	Satt	inco	Rii
	tim To						

1-12-79

Long Hepon 506

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

## INSPECTOR'S PLUGGING REPORT

Permit Ne				W	eli No	
COMPANY			ADDRESS			
FARM		DISTRIC	TCC	UNTY		
		The state of the s		- Indiana - Indi	Andread and the control of the same of	
Filling Material Used		-				
	cation	Amount	Packer		n	
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	NG AND T	UBING ;
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST
					-	1031
		77			-	
The transfer of animals designed and the second				230 - 1007 - 1	A SITUAL	
					. Switze	ne guides
					The state of the	Local stat
,					NH + 119 - 150	
The second of th						saja sahia
				Programme described	e it i rojek	a south y mark
a in the state when a single state of the st					.1	
	Mary Company					
	The state of the s					
						3
		-				
rillers' Names	-					
					and of the same	A A Society of the second
emarks:						
						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
DATE	hereby certify I vis	sited the abov	e well on this date.			

## DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



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

Permit No. 1416 482

Oil of Gas Well GAS

Company A E D	CASING AND	DRILLING	WELL	PAC	KERS
Address CHARLLSTER MARA	Size			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	and production
Farm D JUHNSON	16				eker
	13	San articles and the state of t			t dan article statement de de la companya del companya de la companya de la companya del companya de la company
Well No.	10		et angle agree or were topogage as a real money or an ex-	Size of	
District GRANT County N.C.	81/4				Colon distribution the process of the process of the colon of the colo
Drilling commenced 1-12-79	65%		rige in accompanied that reconstruction and reconstruction and	Depth set_	
	5 3/16				
Drilling completedTotal depth	3	Construct, in the constructor of the Construction of the Construct	na nace de ministra de caractería de composições de composições de composições de composições de composições d	Perf. top	all construence requires transport and are substituted in super supporting
Date shot Depth of shot	2			Perf. botto	m
fnitial open flow/10ths Water inInch	Liners Used			Perf. top_	
Open flow after tubing/10ths Merc. inInch		nny vord met mayby voran van tilken province vorp une puncture		Perf. botto	om
VolumeCu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressurelbshrs.	NAME OF SEF	RVICE COMPA	ANY		Antelonik dinama mengera
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	INCHES
Fresh waterfeetfeet	FEET	INCE			
Salt waterfeetfeet	FEET.	INCI		FEET	
					: E 18 2 co ( 12 )
Drillers' Names	ter y mag nitrogram armanya na manana anarta y ganya maka magada ang nagata ang ang ang ang ang ang ang ang an	n engge aga naggaria majahna is sungge propriesier conçurativo decimalistic de provin			- The same of the
Remarks: CHECKED NIO 482 WA	urra s templadat management en	or-quilitor-refusitatiquisi califosta; resectific en masure resultation bibliographic		e a material we described to the material of the second se	

1-15-79

Lery It of DISTALL WAY 2028 TON

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

### INSPECTOR'S PLUGGING REPORT

ermit No						
COMPANY	and the second of the second o	Address of the second s	ADDRESS		14	
FARM		DISTRICT	ГС	OUNTY	A Colores of A Color	
Filling Material Used						Tenadow T
						C. Alembia
	ation	Amount	Packer	Location	]	
The second secon	ND DEPTH PLACED	Marie de la company de la comp	BRIDGES	CASIN	G AND T	JBING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST
					30.3.3.	N 197
					Janier.	tes where the
					g free end y	The Late
				· ·		
						Ser Auty
				1		
						Para No.
Orillers' Names					STATE OF THE PARTY	
					100 mm	
Remarks:					(1.5) 5.5 Sect.	
						s service a field
I	hereby certify I vi	sited the abov	ve well on this date.			
DATE						

11/17/2023

# DEPARTMENT OF MINES



# INSPECTOR'S WELL REPORT OIL & GAS CIVISION DEFT. OF MINES

			1110	19
Permit	No.	110	72	14

Oil or Gas Well GAS

Company A F D	CASING AND	DMITTING DMITTING	LEFT IN	PACKERS
Address CHARLLSTON MAD	Size			Seed terminal guilter
Farm D JOHNSON	16			Kind of Packer
Well No_# /	13			Size of
District GRANT County Nic	81/4			
Drilling commenced	8% 74	487	487	CIRCULATED Depth set
Drilling completedTotal depth	5 3/16			100 SK S Perf. top
Date shotDepth of shot	2			Perf. bottom
Initial open flow/10ths Water inInch	Liners Used			Perf. top
Open flow after tubing/10ths Merc. in Inch				Perf. bottom
VolumeCu. Ft.	CASING CEME	NTED	SIZE 4	8 ZNo. FTDate
Rock pressurelbshrs.	NAME OF SE	RVICE COMPA	ANY HA	LLIOURTON
Dilbbls., 1st 24 hrs.	COAL WAS EN	NCOUNTERED	AT 3//	FEETINCHES
Fresh water 40 feet feet	FEET	INCI	HES	FEETINCHES
Salt water feet feet	FEET	INCI	HES	FEETINCHES
Della/ No			nder ordinaries ar y same comes about althousing	.e.Kinnier
Drillers' Names	an en partia esta relación y culto in materiorismo de sur proper el estadorio		Anni Baileainn Georgan a mhoinn a Phaileann ann ag ann ann ann ann ann ann ann a	
Remarks: CALLED TO RUN	Pipa	0.66	i. 11 G	A B.

CALLED TO RUN PIPO ON NIG 482 RAN 487 FOT TIL CIRCULATED WITH 100 GRS CIRCULATED OILL BJ HALLIBURTON PLUG DOWN 230 PM

1-16-79 BATE Lee Her Pois West 2 10 Poston

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

## INSPECTOR'S PLUGGING REPORT

The second secon	entire retain finding to province comments mayor and only companies on a comment of comments of the	The stay of a service of the service		***	H 140,	
COMPANY			ADDRESS			
FARM		DISTRICT	C			
Filling Material Used						
						L ROWING A.
Liner Lo	cation	Amount	Packer	Location	1	
PLUGS USED A	AND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST
						Captries 1
						na gardiseQ
						a 12 y 36 %
						nag Tarans
man in the state of the state o				<u> </u>		a sheet C
months and the second s						
- ne vekine e klasisti neko aparamentek na aktoria a manta determina						
				2 . 2		
			September 1988			
Orillers' Names						
and the second of the second o	-					N 244
Remarks:						e estados.
DATE	I nereby certify I v	risited the above	e well on this date.			

11/17/2023

OG-11

#### STATE OF WEST VIRGINIA

## DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



OIL & GAS CIVISION DEFT. OF MINES

# INSPECTOR'S WELL REPORT

Company A E-D		CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address CHARILSTON	mara	Size	lous.	Spi2	a e l
arm A JOHNSON	2.4.61	16	513	20 MISSON 0	Kind of Packer
ell No. # 6		18 11	40	40	Centratio
the second section of the second section is the second section of the second section in the second section is		10			Size of
istrict GRANT Co	unty_Nco	83/4 7"	487	487	CIRCULATE
rilling commenced / - 12	- 79	65%			Consensor Depth set_
illing completed 1-24-740	4-1 1	5 3/16		- to the same of the	o cpen see
		3			Perf. top
te shotDepth	of shot	2			Perf. bottom
tial open flow/10th	hs Water inInch	Liners Used			Perf. top
en flow after tubing/10th	as Merc. inInch		-1		Perf. bottom
ume	1				
k pressurelbs		NAME OF SERV	TED 487	SIZE 7	No. FTD
		COAL WAS ENC	OUNTERED A	ATI	FEETINCH
th water 40 feet_	feet	FEET_	INCHE	SI	EETINCH
waterfeet	feet	FEET_			EETINCHI
ers' Names					

1-25-79

Leeg H 11/17/2023

DISTRICT WELL INSPECTOR

# DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

# INSPECTOR'S PLUGGING REPORT

COMPANY					ell No	021 01 121 101 101 101
FADM			ADDRESS			
FARM	the the survey of the survey of the	DISTRIC	CT	COUNTY		
Filling Material Used	The second section of the sect		125 (15 1 ) e (1 )			
Liner Lo	cation	Amount	Packer	The state of the s		
PLUGS USED A	ND DEPTH PLACED			Location		maning a state of the
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION		G AND TU	IBING
Tally Remarks			CONSTRUCTION LUCATION	RECOVERED	SIZE	LOST
Party and the second se	The state of the s				-	
						-
						<del></del>
	eto er erito i entre esperantificación de					
COPPORT OF THE PROPERTY OF THE						
The second secon						and the state of t
The state of the s						
The state of the s	The state of the s					
44-50-50-50-50-50-50-50-50-50-50-50-50-50-						
lers' Names					7.00	The second second
The state of the state of	W. Albania and Albania				Date of the latest and the latest an	
arks:	10-10-10-10-10-10-10-10-10-10-10-10-10-1					
DATE I he	ereby certify I visit	ed the above	well on this data			

FORM IV-4 DEPARTMENT OF MINES, O (Obverse)	
	Operator's Well No. D. Johnson #1
	067 0/82
WELL TYPE: Oil/ Gas_X_/ Liquid Injection	
(If "Gas", Production / Underground	d storage/ Deep/ Shallow_x /)
LOCATION: Elevation: 1490' Watershed:	
	icholas Quadrangle: Gilboa - 7-1/2'
Appalachian Exploration &	Quadrangie:
WELL OPERATOR Development, Inc.	DESIGNATED AGENT R.P. Parsons
Address Box 628	Address Box 628
Charleston, W.Va. 25322	Charleston, W.Va. 25322
	(ga)
ROYALTY OWNER Dennis Johnson	COAL OPERATOR None
Address Box 85	Address
Gilboa, West Virginia 26671	
Acreage 47	COAL OWNER(SXXXIIIXBECXXIIXXBEXXXIXX
	Name Same as Oil & Gas Royalty Owner.
· · · · · · · · · · · · · · · · · · ·	그 점점 경험하다 하다 하는 경향 회에 발매되었다면서 가는 사람들이 가장 하는 것이 없는데 그 때문에 다른 사람들이 되었다.
Address	Address Same as shown previously.
Acreage 47	Name
FIELD SALE (IF MADE) TO:	Address
Name	Address William College
Address	COAL LESSEE WITH DECIMARATION ON RECORD
	Name MAY - 8 1979
INSPECTOR TO BE NOTIFIED: As Mr. Hopkins	
is ill please notify Mr.Martin Nichols	AddressOIL & GAS DIVISION
P. O. Box 554, Clendenin, W. Va. 25045 Tele: 548-6993	DEPT. OF MINES
그 경기 가지 않는 사람들은 이 경기 가지 않는 것이 되었다. 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	on_X / clean out and replug/ the above
described well, commencing on the date the Oil and Ga	
the date of such notification shall not be less than	
is received or in due course should be received by the	ne Department of Mines.
The method of plugging is planned as shown	on the work order on the reverse side hereof.
This Notice is given to the Department and	the others specified above, so that they or their
representatives may be present at the plugging and fi	lling of said well. However, whether they are
represented or not, the undersigned will proceed on t	
plug or clean out and replug said well by the applica	
in detail on the reverse hereof.	and specified in dode y 22-4-10 and given
	ent by registered or certified mail to each party
named at the address above listed.	1991 1991 7 22 spedge trigt, 25 velve 5 3 100
This permit issued May 9, 1979.	
	R.P. Parsons  Name of Person Giving Notice*
Order I wall	Name of rerson diving Notice.
Robert L. Dodd, Administrator	ByRPVanons
OFFICE OF OIL AND GAS	Its District Production Superintendent
* Address (if not set forth above)	

11/17/2023

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-4 must be filed with the Department, accompanied by (i) a plat required by Regulation 8.01 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 required by Code § 22-4-9, (iii) the fee required by Code § 22-4-12a, and (iv) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23.

July .

FORM IV-4 (Reverse)

# PROPOSED WORK ORDER FOR PLUGGING AND FILLING WELL

7" @ 493' 2-7/8"@ 1267' Top of cement, 770'

[08-78]

TOTAL

### [THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED BY AFFIDAVIT (FORM IV-38) ON COMPLETION]

PLUGGING	G CONTRACTOR	(IF KNOWN	)	Unknown	V. 1 100 178 1 - 1871.				
			Address		11 14 19 14 15 Land	1001			
	10070				There is the	and the same of th			
PLUGGING	METHOD PROF	POSED BY W	FII OPERAM	O.D.	51:0	rehismelani			
120001110				a consendence		.017.	Champala		
2.22	1 17 100 100 100 100 100 100 100 100								
x		P14	C1116 a 1111						l bed,
				10(b), where a					
	As provi	ded in Co	de § 22-4- mented in	10(c), where a	coal protect	ion string o	f casing	has <u>not</u> be	en
Cwaen.		he space including essee has ode § 22-	provided by comparation requested 1-10(d)(3)		ddition complin case the c st plugging u	include cost ete the righ cal operator nder the pro	estimate t-hand co , owner o visions o	es in clumn or	
	Descript	ion of the	e method h	v which	the well must	be cleaned o	ut and re	eplugged to	permit
	the well	was prev	iously plu	gged:					
	-								
	-		The state of the s	The same of the sa			-		
					r. Hopkins Miohoče↓	IBD: As M	TIMOM E	t CIL ACUD sensio i	Shoul Shoul
	GING METHOD	PROPOSED			FOR PLUG	GING ON REQU	EST UNDER	CODE \$ 22	-4-10(d)(3
Type of	MATERIALS Other		1	Estimated	PLUGGING Type of	MATERIALS   Other	1		
Cement	Materials		Thickness	Cost	Cement	Materials	Depth	Thickness	Estimat@c Cost
Reg.	Ge1	1182'	100'						
RFC	GCI	590'	380'						
	Ge1	490'	490'			-			
		-130	430						
Bridge Pl	ugs UsedTy	no and Do	+ >						
	Model N @ 6		oun		Bridge Pl	ugs UsedTy	pe and De	pth	
	11000111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
		n gha har sh						R. F. Transport	
VENT PIPE	7"x2" swed	ge with	2" valve	31ACT	THE PERSON				
	EOUS MATERIA		VGIVE	J AGL	VENT PIPE				20 m 2 m
CASING LOS			200	0.0		EOUS MATERIA	LS	564 Day 184	The second
TYPE OF R					CASING LO				
Owner:	Well Op'r	/ Contra	ctor /		TYPE OF R		inim i	L. Rocc,	rescon
	e: days			Dade Danie		Well Op're: days		The second secon	OFFICE
OPERATOR'S	S LABOR COSTS	3			OPERATOR!	S LABOR COSTS	2		
OUTSIDE SE	ERVICES (type	e and comp	any)			ERVICES (type		1,1/ <sub>y</sub> 1,7/202	3
				en e					A Atom
			1		y an archae				
SUB-1	TOTAL		C (55) 361 (5)		SUB-7	TOTAL	Harris State of the State of th		
LESS	SALVAGE		1.2	Acque L	LESS	SALVAGE	A STATE OF THE STATE OF		4

TOTAL

		10/2		Dat	te: January 22
FOR	M IV-38	(F)			erator's
	-78]	A CHE OFFI	STATE OF		Dennis Johnson #1
Į	RES	10 0W	THE	API	Well No. 47 - 067 - 048 State County Per
	65 to	CRS &	STATE (	F WEST VIRGINIA NES, OIL AND GAS DIVISION	
	Pr. O!	×	I ANTHENT OF M	MES, OIL AND GAS DIVISION	
		EP. A	FFIDAVIT OF PI	UGGING AND FILLING WELL	
L TYPE:			/ Liquid Inj	ection/ Waste Disposal	
				rground storage/ Deep	
TION:				shed: Griffin Branch o	
				Nicholas Quadrangl	
. OPERATO	R Cabot Oi	l & Gas	Corporation o	WV DESIGNATED AGENT ROL	bert E. Horrell
Address	P.O. Box (	528		Address P.O. Bo	
			Virginia 2532		ston, West Virginia 25322
S OF USE	n Windings				
	r VIRGINIA,	) ss:			
TY OF	KANAWHA	.)			
_	C.E.	McClure		and Carlos Loud	din. Jr.
g first d	uly sworn ac	cording	to law, depose	and say that they are experie	enced in the work of
ging and	filling oil a	and gas	wells; that the	y were employed by Appalachi	ian Fynloration & Doy Iv
well oner	aton and no	at 1 a 1 a a b .		mprojed by mpparaem	tan Exproración a Dev., 11
well open	ator, and par	rticipate	ed in the work	of plugging and filling the a	bove well; that the work
commenced	on June	19	, 19 <u>79</u> ,	and completed onJune 2	$\frac{20}{19}$ , $\frac{79}{19}$ , in the
lowing man	ner:				
PERMITTE	O WORK: Plug	and aba	ndon X / C	lean out and replug/	
GING MATER	RIALS			1	
Type of	Other	1	1	COAL SEAMS (NAMES AND DE	PTHS)
Class	Materials	Depth	Thickness	NR	
Class A	l c'al	1226	100		
Class A	Ge1	1126	100		
1055 A	Col	524	100		- 4
	Gel	424	to surface	DESCRIPTION OF WELL MONUM	IENT
				[ ] 그 - 그 - 그 - 그 - 그 - 그 - 그 - 그 - 그 - 그	nt with API number
	L	1	L	The state of the s	West WIT Humber
	ugs UsedTyp				
Cut 2-7/	'8" tbg. 0 72	24' and	pulled.		
			A no	19-85	
			11/4 3	19	7
ENT PIPE	7" x 2" swa	age w/va	lve		
ISCELLANE	OUS MATERIAL	S			
ASING LOS	T 493' (7"),	543' (	2-7/8")		
YPE OF RI	51' (9-5/ G:	/8")			
Owner:	Well Op'r/	Contra	actor X/	CEMellen	
	2 davs p			1 1	(SEAL.
June Land	AND THE REAL PROPERTY.			Carlos Loud	lin (1/17/2023L)
3					MITTIZUESAL)
36000	TA TE				MITTIZUESIL)
Ar	The same of the sa		orn to before		MITTZUESE)
12 20 E	.22 day	cr Ja	anuary ,	1985	ANTITIZUESAL)
× 0 3	.22 day	cr Ja	anuary ,		MITTIZUESAL)



## State of West Virginia

# Department of Mines Gil and Gas Division

Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT February 22, 1985



OIL & GAS DIVISION DEPT. OF MINES

COMPANY Cabot Oil & Gas Corp. of WV	PERMIT NO067-0482-P
P. O. Box 628	FARM & WELL NO Dennis Johnson #1
Charleston, West Virginia 25322	DIST. & COUNTY Grant/Nicholas
RULE DESCRIPTION	IN COMPLIANCE Yes No
23.06 Notification Prior to Starting Work 16.01 Required Permits at Wellsite 17.02 Method of Plugging 18.01 Materials used in Plugging 23.02 Maintained Access Roads 25.01 Necessary Equipment to Prevent Waste 23.04 Reclaimed Drilling Pits 23.05 No Surface or Underground Pollution 17.06 Statutory Affidavit 7.06 Parties Responsible 7.05 Identification Markings	
I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND	RECOMMEND THAT IT BE RELEASED:
	SIGNED Craig Duckworth
	DATE 5 13 85
Your Affidavit of Plugging was received and re The well designated by the above permit number	eclamation requirements approved. r has been released under your bond.
-	THING
	Administrator-Oil & Gas Division
_	May 24, 1985 DATE

