

Date: May 26	th	, 1	9 82	
Operator's Well No	2			_
API Well No.	47	085	5647	

Permit

State County

ORIGINAL AND (3) Copies of IV-9

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

#### OIL AND GAS WELL PERMIT APPLICATION

n 1000		The same and the s	
WELL TYPE:	Oil Gas XX		
	(If "Gas", ProductionXX/ U	nderground storage/ I	Deep/ Shallow/)
LOCATION:	Elevation: 1040		
	District: Murphy	County: Ritchie	Quadrangle: Cairo 73
	OR Petroleum Development Corpo		
Address	PO Box 26, 103 East Main Stree		26, 103 East Main Street
	Bridgeport, WV 26330	Bridger	port, WV 26330
OIL & GAS ROYALTY OW	NER H. R. Williams et al	COAL OPERATOR	
Address	149 Phillips Street	Address	
	Weirton, WV 26062		
Acreage	60	COAL OWNER(S) WIT	TH DECLARATION ON RECORD:
	NER Hosea Williams et ux	Name WOW	
Address	149 Phillips Street	Address	
Address			016.14.13
	Weirton, WV 26062	Name	
The second secon	14 IE MADE) TO:	Address	1997
	IF MADE) TO: unknown	Addiess	Section 20
Address_	Unknown	COAL LESSEE WITH	DECLARATION ON RECORD:
OV	ACCUSED TO BE MOTIFIED		DECEARATION ON RECORD.
	SPECTOR TO BE NOTIFIED	Address	Contraction of the second of t
Name	Deo Mace Route #1, Box 5	Address	
Address	Sandridge, WV 25274	non to the mile estate our constant	THE THE PARTY OF T
10 W 20	balla rage, wv 25214	<ul> <li>Resident to a server of the ser</li></ul>	v tetrikoldu. Takayatta Šeta 1946. Dolosa i tetti vidi sveli vidana
The undersign	ed well operator is entitled to operate for oil o	or gas purposes at the above location	under a deed/ lease _X
other contract_	/ datedMarch 26th, 19_8	81, to the undersigned well open	rator from H. R. Williams et al
(IF said deed, I	ease, or other contract has been recorded:	The state of the state of the second	Continued Supplied in
	May 9th, 19 81, in the office of	[16] [28] [16] [16] [16] [16] [16] [16] [16] [16	of Ritchie County, West
	Book36 at page31		
The second second	WORK: Drill XX / Drill deeper		
TROPOSED			Stimulate/
	Plug off old formation/		
	Other physical change in well (spe	ecify)	
	—planned as shown on the work of	order on the reverse side hereof	The second second second second
	med coal operator, coal owner(s), and coal less		
Department.	22-4-3 must be filed with the Department o	i wines within threen (15) days and	the receipt of this Application by the
	Permit Application and the enclosed plat and	reclamation plan have been mailed h	v registered mail or delivered by hand to
	d coal operator, coal owner(s), and coal lesse		
	of Mines at Charleston, West Virginia.	TANK DE LA CONTRACTOR DE	

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST- VIRGINIA OIL AND GAS CONSERVATION COMMIS-SION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

04/19/2024

PETROLEIM DEVELOPMENT CORPORATION

Well Operator

William K. Owerley

Its Cheif Exploration and Production

Geology

#### PROPOSED WORK ORDER

## THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

	in interior	011		,		unknown			
				Add	dress	•	-77		
					_	<u> </u>		*	
GEOLOGICAL	TARGE	T FORM	MATION,	Marce	ellus	Shale		<u> </u>	
Estimate	d depth o	of comp	leted wel	1,		5990 fee	et Rotary	/ Ca	ble tools/
Approxir	nate water	r strata	depths:	Fresh	1,1	30 340 feet	; salt,	20 500 feet.	
						the second section that we want		The second secon	/ Nox /
CASING AND			.,						
			CT-/						eryon er
CASING OR TUBING TYPE	SPE	CIFICAT	IONS   Weight   per ft	New	Used	FOOTAGE For drilling	INTERVALS	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	11 3/4				х	20'	20'	cement to sur	1ageds
Conductor									
Fresh Water	0 - 10	who.	22#	- A		300	300	account to gur	fa&es
Intermediate	8 5/8 4 1/2	X42	23#	X	2.6.6	5950	5950	400 sks	Tace
No. of the second second second second	4 1/2	0	10.5#	Х		7970	7970	400 SAS	Depths set
Production			-			273-d			TOPE PROPERTY.
Tubing		o dise	1				a contract of the contract of		Perforations:
Liners			-		-		6 × 5.	137	
	-	-	-	-	-		The state of the s		Top Bottom
			-	<b> </b>				3.1.21.21.21	
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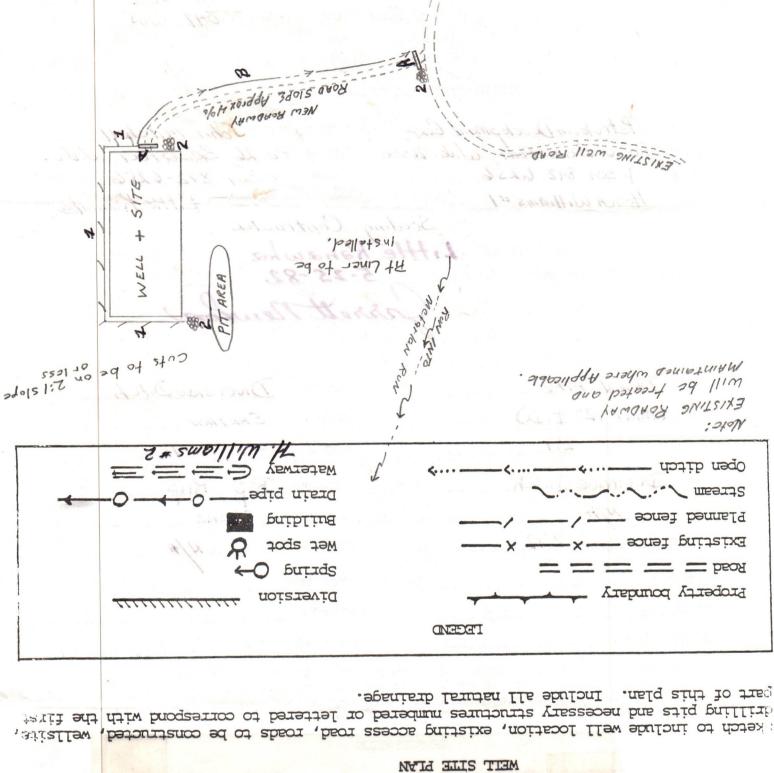
04/19/2024

QUADRANGEE MACERELAN 7.5

ATTACH OR PHOTOCOPY SECTION OF

INVOLVED TOPOGRAPHIC MAP.

COUNTY RA, 17



KARLINE ANNI 710

drilling pits and necessary structures numbered or lettered to correspond with the first ketch to include well location, existing access road, roads to be constructed, wellsite,

Access Road

Well site

LEGEND

IV-9 (Rev 8-81)



DATE MAY 25, 82 WELL NO. 2

### State of Mest Airginia

API NO.047 - 085 - 564

Bepartment of Mines Gil und Gas Bivision

#### CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Petroleum Deuckpment C	DES DES	SIGNATED AGENT John Mitchell
Address P.O. 26 BROCEPORT Will.		Address P.O. 26, BeiDGS PORT W. Va.
Telephone 1- 304-842-6256		Telephone 1-304-842-6256
LANDOWNER HOSEA WILLIAMS		SOIL CONS, DISTRICT Little Kanawha.
Revegetation to be carried out by	Seeding	Contractoe (Agent)
This plan has been reviewed by L	Hek	anawha SCD. All corrections
and additions become a part of this plan		
	1	(Date)
	Jarr	(SCD Agent)
ACCESS ROAD		LOCAMITON
of meet offers to after a cold		LOCATION
Structure DRAIN PIPE	(A)	Structure <u>Diversion</u> Ditch (1)
Spacing (Min. 12" T.D.)		Material Earthen
Page Ref. Manual 2:7		Page Ref. Manual 2:12
Structure Deamage Ditch	(B)	Structure Rip - Rap (2)
Spacing N/A		Material Stone
Page Ref. Manual 2:12		Page Ref. Manual W/4
Structure	(C)	Structure (3)
Spacing		Material
Page Ref. Manual		Page Ref. Manual
All structures should be inspected commercial timber is to be cut and st cut and removed from the site before	tacked and	all brush and small timber to be
		And the second second second second
	EVEGENATION	
Treatment Area I		Treatment Area II
or correct to pH 6.5	2	Lime 3 Tons/acre or correct to pH 6.5
Fertilizer 600 lbs/acre (10-20-20 or equivalent)		Fertilizer 600 lbs/acre (10-20-20 or equivalent)
Mulch 7/Av - (2) Tons/acre		Mulch Way- 2 Tons/acre
Seed* Ky-31-30 lbs/acre		Seed* Ky. 31- 30 lbs/acre
LADina Clover-5 lbs/acre		LADINA Clovae- 5 lbs/acre
Rep Clover - 3 lbs/acre		Red Clouer - 3 lbs/acre
*Inoculate all legumes such as vetch, Inoculate with 3X recommended amount.	trefoil a	nd clovers with the proper bacterium.
inoculate with on recommended amount.	ELTA BEED	
COTES. Places popular inches		10000 1) 1000 100 100 100 100 100 100 10
COOperation to protect new cooperation to protect new	A	DDRESS 40, 26
seedling for one growing season. Attach separate sheets as		Bridgeport W.Va. 1633
necessary for comments.	PHO.	NE NO. 204-842-6256

(PEVERSE)

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

 $N_2 \& CO_2$   $CO_2$   $N_2$  Acid

1st Stage 40 perfs (4191-5147) - 600,000 scf 9.5 bbls

2nd Stage 20 perfs (3887-4141) 22.stom 600,000 scf 9 bbls

WELL LOG

REMARKS

FORMATION COLOR HARD OR SOFT	TOP FEET .	BOTTOM FEET	Including indication of all fresh and salt water, coal, oil and gas
KB - GL	0	10	XBERIKEXXHHHHKHHHKXX
and, Shale, Red Rock	10	2077	½" stream water @ 1830'
Big Injun	2077	2115	
Sand, Shale	2115	2129	
Squaw	2129	2143	
Sand, Shale	2143	2575	
Gantz	2575	2587	
Saud, Shale	2587	2857	
Gordon	2857	2869	
Sand, Shale	2869	3431	
Huron	3431	4579	
Java	4579	4951	L.
Angola	4951	5275	
Rhinestreet	5275	5500	
		TD	
	The second	4482427	
		TVIII VIII V	
	i i	. 4	

(Attach separate sheets as necessary)

Petr	oleum Devel	opment Co	rporat	ion		
me	11 Operator	201	1	04/	19/2024	
Bull	Thank !	11-10	1.11	1		
77	wing)	Mari	un			
pate:_	12/27/82	Mariana a grana and a series and an an and a series and				
//						

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 wall encountered in the drilling of a well"

State of Best Birginis Well No.

mieitig erd der lid Bepartment of Bines

4795 - 580 - 47 °ON Idy

12/13/82

Farm

Date

Operator's

**Smailliw** 

04/19/2024

(T8-8 A=

### WELL OPERATOR'S REPORT

ectaer, dan			əzīs	76330	AM	Bridgeport,	°97 KOR	P. 0.	SSERIO
Cenent fill up cu. ft.	flett [[ew ni	used in Decling	Caşing PariduT	26330		Bridgeport,  R. Mitchell	ndol IV	AEEA CE	LIVADIS.
				noi:	porat	elopment Cor	ома пом	Petrol	YNA9MC
OTENTIAL INCOME AND ADDRESS OF THE ADDRESS OF	ed2 \	is / peel	Storag	Undergro	/ X 1	Toto.	"Gas," vation: rict:	EJG/	NOTTADO
	/ 7	secopid s	tseW / no	DitopinI	biup.	Cas X / Li	/ x	TO :3	Idal TI-
	CHANGE	DR PHYSICA	, SMITAIUM	OF STIN	NA DI	FRACTURIA	DELLING	Ī	

ni dun's sa	St pont	rent) after	neaswen	Static rock pressure 575 psig(surface
SI	por	ral tests	il and fi	Time of open flow between initia
				Final open flow Mcf/d
Charge and the same of the sam				Cas: Initial open flow 100 Mcf/d C
				Producing formation Devonian Shale
				EN FLOW DATA
מדבת: עם		Original Service	122	All the second of the second o
area? No	odt ai b	Charles and the same of the sa	Wind the Principles of the Principles and	6)Baser on the control process of the control of th
Commence	Minute Art of the Art			Water strata depth: Fresh feet;
d) garages on a constitution of the				Depth of campleted well 5500 feet Ro
1991	0085 tr	Dept		OLOGICAL TARGET FORMATION Devonian Shale
			Liners beau	MORKING. VERBAL PERMISSION OBTAINED
gettiggen - den die in in die die gewonne genommen verstellt. Gestellt die gewich von eine gewonne			2	VEHICABLE: PLUGGING OF DRY HOLE ON  (LLING COMPLETED 6/14/82
No. for an organization of participation of the control of the con	Security and the security materials and the security of the se		3	TITING COWNENCED 6/5/85
J20 sks	9085	9085	4 1/2	CENSSI LINE
A. Chicar gave Annual car a State had been specificated and a second control of the seco			2/15	Mace ADDRESS Rt. 1, Box 5, Sandridge, WV 25274
90 sks	8678	8678	las	Confirmation recorded programmers
.578 005	9561	9561	8/5 8	L AND CAS INSPECTOR FOR THIS WORK Deo
ggeriffice - som generalisation of the related related to the related related to the second related to the sec	THE ACCURAGE SHEW LIGHTED AND ASSESSED OF THE STATE OF TH		8/5 6	DRESS 149 Phillips St., Weirton, WW 26062
TACTER has been considered in the considered in the considered and	COMMENCE COLUMN ACTION COMMENCE COLUMN ACTION COMMENCE COLUMN ACTION COL		I3-10 m	NERAL RICHTS CWNER H. R. Williams et al
	30.	30.	Size 20-16 Cond.	ORESS P. O. Box 26, Bridgeport, WV 26330  RFACE OWNER Hoses Williams et ux  ORESS 149 Phillips St., Weirton, WV 26062
Cenent fill up Cu. ft.	fleft IleW ni	ni besu pailling	Paigs O	ORESS P. O. Box 26, Bridgeport, WV 26330 SIGNATED AGENT John R. Mitchell
		Security and the security of t		MPANY Petroleum Development Corporation

Static rock pressure psig(surface measurement) after

Final open flow

Second producing formation

(If applicable due to multiple completion-)

Gas: Initial open flow

Time of open flow between initial and final tests

Mcf/d Oil: Final open flow

Mcf/d Oil: Initial open flow

pay zone depth

hours shut in

BPJ\G

Bb1/d

feet

pome

#### STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

## RECEIVED

JUN - 8 1982

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

#### INSPECTOR'S WELL REPORT

No 85-3647 Oil or Gas Well CASING AND USED IN LEFT IN PACKERS Size Address Kind of Packer Well No. Size of\_ County Set 81/4 65%\_ Depth set\_ Drilling commenced. 5 3/16 Drilling completed\_\_\_\_ Total depth Perf. top\_\_ Depth of shot Perf. bottom\_ Liners Used Initial open flow\_ Perf. top\_ \_/10ths Water in\_ Perf. bottom\_ Open flow after tubing /10ths Merc. in Inch Volume\_ Cu. Ft. NAME OF SERVICE COMPANY Rock pressure. hrs. OiL bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT\_ TEET Fresh water\_ feet feet FEET INCHES FEET\_ INCHES Salt water\_ feet feet FEET INCHES FEET INCHES Unun 7 5 Drillers' Names Remarks: Bood cerrent exculation

6.3.82

D 40 mac 04/19/2024

#### STATE OF WEST VIRGINIA

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

#### INSPECTOR'S PLUGGING REPORT

Permit No.

COMPANY	and the second s		ADDRESS		and the same	an area service
FARM		DISTRICT	· Comment of the comm	COUNTY		
Filling Material Used	· ·					
iner Loca	ation	Amount	Packer	Location	1970	1. 1. 2. 2. 2. a. a. a. a. 140
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOS
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				and the second s		
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	2					
8.33.77						dies * Frys
rillers' Names						
A CONTRACTOR OF THE PARTY OF TH	Secretary of the Secretary Secretary (Secretary Secretary Secretar	againg a great all all a		en e	100	21 m - 1 m
emarks:					,	
	1		ve well on this date.			

04/19/2024

BATE



## DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION

# DEPT. OF MINES

Permit No. 50	647			Oil o	Gas Well	
Company PEL 1	DEV. CORP.	CASING AND TUBING	USED IN DRILLING	LEFT IN	PAC	KERS
Address		Size				
Farm Willam's	2	16			Kind of Pac	cker
Well No_ No	2#	13			P	
1.		10			Size of	
District Murph	J County Ritalice	81/4				
Drilling commenced		6%			Depth set_	
Drilling completed	Total depth	5 3/16				
	Depth of shot	3			Perf. top	
1		2	- N		Perf. botton	
	/10ths Water inI				Perf. top	
Open flow after tubing_	/10ths Merc. in	nch			Perf. bottom	1
Volume	Cu.	Ft. CASING CEMEN	TED	_SIZE	No FT	Da
łock pressure	lbs	1				
Dil	bbls., 1st 24 h	COAL WAS THE			The state of the s	
1						
	feetf		INCHE	S	FEET	_INCHE
alt water	feetfe	eet FEET_	INCHE	S	FEET	_INCHE
rillers' Names						
	V-cal al	in Spection				
emarks:	O.L.	To Rele				
	Reck	well se	rord			
8-30-83			MA	11/	n4/19/202	<b>1</b>

DISTRICT WELL INSPECTOR

#### STATE OF WEST VIRGINIA

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

#### INSPECTOR'S PLUGGING REPORT

OF STATE TO BE AND THE PROPERTY OF THE PROPERT				Wei	No.	
OMPANY			ADDRESS			
ARM		DISTRICT	C	OUNTY		
illing Material Used	alla distribution of the contract of the contr					interceptional actualismo.com
iner Les		Amount	Packer	Location		
PLUGG USED A	nd depth placed		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKER	WOOD-GIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOS
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illers' Names						
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marks:				man dibed mg din a stronger as general punches		
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F						
J						

I hereby certify I visited the above well on this date.

04/19/2024



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

November 14, 1983

THEODORE M. STREIT
ADMINISTRATOR

WALTER N. MILLER DIRECTOR

Petroleum Development Corp. P. O. Box 26 Bridgeport, W. Va. 26330

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-5647	H. R. Williams, et al, #2	Murphy
RIT-5661	John Elliott Heirs, #2	Murphy

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

Very truly yours,

Theodore M. Streit, Administrator Dept. Mines-Office of Oil & Gas

TMS/rl

## IV-27 RECEIVED



JUN - 8 1982 OIL AND GAS DIVISION WYDEPARTMENT OF MINES STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

Date: JUNE 3, 1982

Well No: WILLIAMS # 2

API NO: 47 - 85 5647

State County Permit

## Oil and Gas Division NOTICE OF VIOLATION

X		MOTICE OF VIOLATION
WELL	TYPE: C	Oil/ Gas Liquid Injection/ Waste Disposal/
	C	Of "Gas" - Production/ Storage/ Deep/ Shallow/
LOCAT	ION: E	Elevation: 1040 Watershed: MACFARLAN CAEEK
		District: MURPHY County: Ri7ChiF Quadrangle:
WELL	OPERATOR	PETROLEUM DEUFLOPMENT CO. DESIGNATED AGENT JOHN MITCHELL
	Address	P.O. Box 26 Address
		BRIDGEPORT, WV. 26330
		The above well is being posted this $3$ day of $JUNE$ , 1982, for a
viola	tion of	Code 22-4-84 and/or Regulation, set forth in detail as follows:
		(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)
		05/ 0750 PV WW/1'D DT
		FEET OF 8% CASING, CEMENTED BY MALLIBURTON, SET
	THROUGH	BOTTOM OF INJUN SAND. This WELL WAS PERMITTED
	FOR 3	00 FEET OF FRESH WATER CASING, Which WAS NOT INSTALLED.
		V
	A copy o	of this notice has been posted at the well site and sent by certified or
regis	tered ma	il to the indicated well operator or his designated agent.
	You are	hereby granted until, 19, to abate this violation.
	Failure	to abate the violation may result in action by the Department under
Code	22-4-17	or Code 22-4-18.
		- 10 2 mars
		0il and Gas Inspector
	0	Address
	N.D.	Address_
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4	M.	
	1/0	Telephone: 04/19/2024

