

1) Date:	July 6,	, 19 83

2) Operator's (Shields) S-1 Well No.

Well No. (Shife Ids) 5-1

3) API Well No. 47 085 6618

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									ND GAS DIVISION			
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	NG OR NG TYPE		SI	PECIFICATION Weight	NS	. 1	FOOT	AGE II	NTERVALS			PACKERS
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	Included	d is the lea	se or leas	es or other	contin	uing contr	act or contrac	ts by	which I hold the	right to extract	oil or	gas.
(A 1 to 1990 to 19		uirement o		2-4-1-(c) (1)	throu	igh (4). (S	ee reverse side	for s	pecifics.)		(Fe)	ri ezelnir 🦠
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23) Requ	ired Copie	es (See revi	erse side.)								
(4) Copie	es of this	Permit App	plication	and the enc	losed	plat and re	clamation pla	n hav	e been mailed by	registered mail	or deli	ivered by hand to the abov
Mine	s at Charle	eston, Wes	st Virgini	a, and coal	lessee	on or befo	ore the day of	the m	nailing or delivery	of this Permit	Applic	cation to the Department o
Notary	. 6	Open	0-6	mel	us.	0				sills	(-	Holden)
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Permit nu	mber	avrada a	atsent fe								Samuel 19	04/26/2024
This perm	it covering	g the well	operator	and well loc	cation	shown bel	ow is evidence	e of p	ermission grante	d to drill in acco	Date	e with the pertinent legal r
uirement	s subject t	to the cond	litions co	ntained here	ein an	d on the re	verse hereof	Notifi	cation must be a	iven to the Diete	ict Oil	l and Gas Inspector. his contractor shall notify the
proper dis	trict oil ar	nd gas insp	ector 24	hours befor	e actu	al permitte	ed work has co	omme	nced.)	i, the well operat	or or h	nis contractor shall notify th
Permit exp			18, 1							prior to that data	and n	prosecuted with due diligence
Bond:		Agent	6	Plat:	1	Casing/	Fee	7	11111	La Comar date	Lab	A LA A
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		-		u	0	61	1334		Aul	ministrator, Offi	er gr	On and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "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.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of 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.
 - 5) Where well is located
 - 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
 - 7) Use separate sheet if necessary
 - 8) Present surface owner at time application is filed.
 - 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
 - 15) 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.
 - 16) Anticipated formation for which well will be completed
 - 17) Self explanatory
 - 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
 - 19) All coal seam depths
 - 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
 - 21) 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).
 - Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
 - The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be who has recorded a declarate days of receipt thereof.	be completed by the coal on under Code 22-4-20	operator and by	any coal owner or coal lessee o be issued within fifteen (15)
A ST. Mary Mary and The St.	WAIVE	R	
amined this proposed well location. If a	nine map exists which co has no objection to the v	vers the area of the work proposed to	be done at this location, provided, the w
operator has complied with all applicab	e requirements of the W	est Virginia Code	e and the governing regulations.

FORM IV-2(A)

1)	Date	e:	Ju	ly 1,		,19 83
2)	Ope:	rator	's			
	Wel.	l No.		S-1		
3)	API	Well	No.	47	085	6618
				State	County	Permit

STATE OF WEST VIRGINIA DEPARIMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

	NOTICE OF APPLICATION FO			
URFACE OWNE	ER(S) OF RECORD TO BE SERVED	5(i)	COAL OPERATOR	None
) Name	W. H. Shield		Address	
Address	Route # 1			
	Cairo, WV 26337	5(11)		TH DECLARATION ON RECO
Name	Same		Name	None
Address			Address	
			Name	
Name	Same		Name Address	None
Address			Address	
-		5(iii)	COAL LESSEE WITH	DECLARATION ON RECOFD
			Address	
			Autress	
	TO THE PERSON(S) NAMED ABOVE: You should have	re received th	is Form and the following	cocuments:
	cementing program; (2) The plat (surveyor's map) showing the Construction and Reclamation Play plug a well), which sets out the play	an on Form IV-	9 lunless the well work	1
	reclamation for the site and access	road.		1111 1 3 1093
	THE REASON YOU RECEIVED THESE DOCUMENTS WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON			ALTTCHITCH.
	(FORM IV-2 (B) OR FORM 4, DESIGNATED FOR YOU.	HOWEVER, YOU	ARE NOT REQUIRED TO TAKE	ANY
	Action and the time	The state of the s		
	ACTION AT ALL.			OIL & GAS DIVISION
	Take notice that under Chapter 22 of the erator proposes to file or has filed this Not	West Virginia	a Code, the undersigned we	DEPT OF MINES
	Take notice that under Chapter 22 of the erator proposes to file or has filed this Not for a Well Work Permit with the Administrator	West Virginiance and Application of the Office	e of Oll and Gas, West Vij	DEPT. OF MINES
	Take notice that under Chapter 22 of the erator proposes to file or has filed this Not for a Well Work Permit with the Administrator Department of Mines, with respect to a well a and depicted on attached Form IV-6. Copies o	West Virginia ince and Application of the location of this Notice	of Oil and Gas, West Vin described on attached A the Application, the si-	GILLA TO STATE OF MINES
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DATE 1 July 83
WELL NO. 51

State of Mest Wirginia

API NO. 47 - 085 - 6618

Bepartment of Mines

Oil and Gas Bivision Construction & Reclamation Plan

COMPANY NAME SHELDON & ShELDON	N inc.	DESIGNATED AGENT DAVE SHELDON
ADDRESS 118 WESTWOOD AVE	politico de la constante de la	SAME SAME
	330	Telephone
		and the state of t
Revegetation to be carried out by	Dave	SOIL CONS. DISTRICT LATTE KANAWHA
		Kanawha SCD. All corrections
and additions become a part of this p	lan:	7-8-83 (Date)
	4	rrett Newslon
		(SCD Agent)
ACCESS ROAD		LOCATION CERTIFIED
Structure Common Structure	(A)	Structure
	(A)	
Spacing		Material JUL 1 5 1983
Page Ref. Manual	_	Page Ref. Manual ON & GAS DIVISION
Structure		DERT. OF MINES
Structure	_ (B)	Structure
Spacing	_	Material
Page Ref. Manual		Page Ref. Manual
2		The state of the s
Structure	(C)	Structure
Spacing		Material
Page Ref. Manual	3//	Page Ref. Manual
commercial timber is to be cut and	ed regula stacked (rly and repaired if necessary. All and all brush and small timber to be
cut and removed from the site before	re dirt wo	ork begins.
	REVEGETA	TION
Treatment Area I		Treatment Area II
Lime Tons/ac	cre /	Lime Tons/acre
or correct to pH 6.5		or correct to pH 6.5
Fertilizer 500 lbs/acr	re	Fertilizer S00 lbs/acre (10-20-20 or equivalent)
Mulch Hay OR STRAW 2 Tons/ac	rre	
Seed * ORCHARD GRASS /2 lbs/acc		
Ladino Clover 3 lbs/acc		Seed* ORChard GRISS 12 lbs/acre Ladino Clover 3 lbs/acre
Timothy 61bs/acr		Timothy 6 lbs/acre
Buell Inst Took 101bs/ac	re	BaleEnt TOE My la DS/acre
Inoculate with 3X recommended amount.	h, trefor	il and clovers with the proper bacterium. 04/26/2024
2-1	DE 4N 1	16 D.M
		PREPARED BY WILLIAM K. MossoR, LL.S.
NOTES: Please request landowners' cooperation to protect new	031.3.5U	ADDRESS 106 N. SPRING ST.
seedling for one growing season.	1-0 1	HARRISUILLE, W.VA. 2636
Attach separate sheets as necessary for comments.		PHONE NO 3011-603-4577

LEGEND ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGIE SCHULTZ WELL SITE & ACCESS ROAD Spring ---- X - X -Existing fence -Wet spot Planned fence /-Building Drain pipe 0- 0-Stream ----Open ditch -Waterway C HEARLY Comments: 1. LENGTH OF ACCESS ROAD 500' 04/26/2024 2. No BRUSH OR TREES ON SITE 3. NO CUT OR FILL NEEDEC 1.2 MILES NORTH OF OLD US. ROUTE SO 5. 300 00

ATTACHMENT TO FORM IV-2 (6-82) OIL & GAS WELL PERMIT APPLICATION

WELL	OPERATORS#	(Shields) S-1

API#: 47- -

ITEM #21 - EXTRACTION RIGHTS CODE 22-4-11 (C)

ACR	ES Grant	_ DISTRICT	Ritchie	COL	INTY, WV
	nded as follows:				
	on the North by				
	on the East by				
	on the South by				
	on the West by				
Lesson	rs & Address	OGM Ro	cent oyalty (of 1/8ths)	Reco BK	rding PG
				10-	116
	Shields & Garnett S		,	105	49
	MAXWELL				
	ERTON LANE				
	LLE OH. 43701		************************		
	elds & Audri Shields	1			"
	HED3				
	SK DRIVE				
	TX 75662				
ilbur D. Sh	ields & Bernice Shie	1/8		"	1/
	HIELDS				
RED# 1			7		
CAIRO WV.	26337				
alter H. Shi	ields Jr. & Ethel Shi	elds 1/8		11	//
TO ETHEL	SHIELDS	377			
848 CHE			4		
DARKERSE	BURLS WY ZLOID!				
	ds & Jo Ann Shields	1/8		"	"/
10 POTRIC			V		
36/2 (6			11		
	TX. 79109			DECE	
	Dorsey Scott	1/8	2 2 2 2 2 2 2 2	11/3/94	A V D
DOUNI		1/0		44	
				- JUL 1	3 1983
VW OSTIA	26337			Oil & da	S DIVISION
	craft & Norman School	craft 1/8	0	DEAT.	F MINE
THELMS	SCHOOLCRAFT	1/			11111
RED#1		*			
VW OSIA?	26337	100	न्त्रा अप मृहण्य	04	/26/2024
	the Manual Control of the Control of	12012.114	Jan Se Tun	nVA	
	62 alime				

CO NELLE MAXWELL

SAMERAILLE OH. HETOL

1238 CEK DRIVE KILLDORE TX 757662

EL M. D. SHIELDS 1 "# d=1 SI

CAIRO WV. ZUBBI

COLDING LINE SEEDS WEYELESBORD MA STOIL
8H8 CHESTINGL

CLO FATRICIS VIERB

BULL EPERON OF POLET XT QUISIAMA ttool veered fitteel of

Trope Auros sig

THELMA SUMERICAST

FORM	IV-2	(B)
Olyman	000	

SURFACE OWNER'S COPY

1)	Date:	July	, 1.		19 81
2)	Operator' Well No.	S	S-1		
3)	API Well	No.	47 State	County	Perm
&	GAS				
TIM					

			DE'DA			OF WEST VIR		and .	State County Perm
						F MINES, OFF ON FOR A WEL			
4) WELL TY	PE. A	Oil X				OIV TOIC IT WILL	B WORK PERMI	1	
	B.	(If "G	as", P	rodu	ctio	n / Unde	rgroung stor	age / Dee	p/ Shallow/
5) LOCATIO	A. ET	evacto	11:	H	2	waters	ned lavfi	1 de Dans	
	. "	SUITCE	•	Grai	nt	County	Ritchio	Quadra	ngle: Shultz
Addre	ess	118 V	lestwo	od A	lenue	Inc.	/) DESIG	NATED AGENT	Dave Sheldon
		Bridg	geport.	WV	263	30	Audi	Bride	estwood Avenue eport, WV 26330
8) OIL & G	AS INSP	ECTOR '	TO BE	NOTI	FIED		9) DRILL	II'G CONTRACTY	OR:
Name	Samu S P. (uel N.	Hersma	in			Name		
	Smit	byille	W	261	7.9		Aud	ress	
10) PROPOSEI	WELL I	WORK: I	orill	x /	Dri	ll Deeper	/ Redrill	/ Stimulate	
			Tuy U	LT O	TO TO	Dillation	/ Periorate	new tormatio	on /
11) GEOLOGIC	יאר. ייארא	(mer	THITE	7 ~ 2	change in th	11 /manife	1	
12) Estin	nated de	epth of	E como	lete	d we	ll (or actua	denth of a	vieting voll	,4300feet
13) Appro	oximate	water	strate	e de	oths:	Fresh, 30	to 50 feet;	salt,	, 4300 feet
14) Appro	oximate	coal s	seam de	epth	s:	None	Is coal b	eing mined ir	feet. the area? Yes_/No
13) CASING P	MD TOB	LNG PRO	GRAM						
CASING OR TUBING TYPE		SPE	CIFICATION Weight	18		POOTAGE	INTERVALS	CEMENT FILL-UP	PACKERS
	Stae	Orade	per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	
Conductor Presh water	113/11	H-44	1/2	-	-				Kinds
Cont	11-17	17-44	42	X	-	200			
Intermediate	8 5/8	J-55	23	X	 	1800		arculate	Sizes
Production	412.	J-55	10.5	X			4200	CHEGIATE	Depths set
Tubing									Leptus set
Liners									Perforations:
									Тор Вонот
			The same of the same of the same of	The owner of the Control of the Cont	-				
Application	is to Stateme	plug a	well)	, if	the i	surface own on a facsimi	Application er(s) of rec le of this s	cord sign(s) surface owner	ermit can be an 5 days if the the following 's copy of the
						RY STATEMENT			
I here	by stat	e that	I hav	e re	ad ti	he instructi	ons to surfa	ce owners on	the reverse side
	Charleston Landson	II LOI	CT NAMES I I	MARCO P	*	מיי וערוב ייונותיו	T have me		the reverse side s of (1) a Notice for a Well Work
an amountaine on and a to	A sp 947	L (D)	(3) a	SULV	MA D	I AT ON MOYM	Was and (1	1 3 Canadama	
TACOMORINA CTOTT	Plan o	n Form	IV-9,	all	for	proposed we	ll work on m	y surface lar	nd as described
Carrie Carrie									
and I have	no obje	te that	t I have to a pe	ve n	o obj	jection to th ing issued ba	ne planned wased on those	ork described e materials.	l in these materials
(For executi									ural persons)
VAME: SHA	(LOON) 9	+ SHE	- Dad	7	10		1.11	100	1 persons)
0	./	1)	7				With) Shield	Date: 07-0893
Ву	and	W. J	held	and	,		. 10 (SI	gnature)	
Its_	heid	ut		Da	te:0	7-07-83	Derne	ce Shie	lds/ Date:07-08-83
							(51	gnacure	
									04/26/2024
								JUI	1 3 1983

OIL & GAS DIVISION
DEPT. OF MINES



State of West Birginia Bepartment of Mines Gil and Gas Bivision Charleston 25305

	This is to acknowledge that the wells li	isted on the reverse of	this form are
	y transferred from SHELDON AND SHE		
to _	Applied Mechanics Corporation		(the transferee).
with	The transferee by this document is accepting the provisions of Chapter 22 Article 4 egulations promulgated thereunder, for The transferee's designated agent (name	of the West Virginia Coo the listed wells. Charles L. Stout	
	Route 1, Box 41-J Bridgeport, file with the Office of Oil and Gas.	WV 26330	,
	The transferee has bonded the said well	s by securities, cash,	or surety (circle one
numb	sidentified below by amount, effective detailed below by amount, effective detailed by the second se		
	(Transferee) By Its	APPLIED MECHANICS CORPORATION OF THE PRESIDENT	RATION
Nota	n, subscribed and sworn to before me this ry Public <u>Barbara J. Caine</u> ommission expires <u>January 15</u> 19 89		mary 19 85
	(Transferor)	SKEIDON AND SAELDON	, INC.
Nota	ry Public Alla A. M. Elatricon me the Commissioned as Sheila R. Kirls on Missioned as Sheila R. Kirls on Mission expires October 30,	<u>/</u>	19 <u>85</u>
	OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA SHEILA R. McELDOWNEY 175 Pennsylvenia Ave. Bridgeport, WV 26330 My Commission Expires Oct. 30, 1990	ACCEPTED THIS 6 BY: Administrator-Office	

04/26/2024

API (Permit) Number Farm Name

7 - 085 - 6618	Wilbur D. Shields	SHIELDS S-1
	·	
346		
٧		
		OLDIN VASTOR
AND THE PART OF TH		YESTOCIECAS ATENE CONTROLS
oi Oil and Gas		Manual Control of the

Operator's Well Number

IV-35 (Rev 8-81)

OIL & GAS DIVISION DEPT. OF MINStine of Mest Mirginia

Bepartment of Mines Gil and Gas Division

	Septemb	er 5,	1983
Opera Well	tor's No. Shie	elds S	-1
Farm	Wilhur	Shield	ls
API N	b. 47 -	085 -	6618

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

	Layfields	Run		
District: Grant County Rit	chie	Quadrangle	e Schu	ltz
a sea two of the same may the whole				
COMPANY Sheldon and Sheldon, Inc.				
ADDRESS 118 Westwood Ave. Bridgeport, WV	Ta :		- 6	Cement
DESIGNATED AGENT David J. Sheldon	Casing	Used in	S. P. Transcott Co.	fill up
ADDRESS same	Tubing	Drilling	in Well	Cu. ft.
SURFACE OWNER Wilbur D. Shields	Size 20-16			
ADDRESS Rt. 1, Layfield Run, Cairo, WV	Cond.	ł		-
MINERAL RIGHTS OWNER Wilbur D. Shields, et a	13-10"	200		CTS
ADDRESS Rt. 1 Layfield Run, Cairo, WV	9 5/8	-		-
OIL AND GAS INSPECTOR FOR THIS WORK Samuel	8 5/8	1824	1824	CTS
Hersman ADDRESS P.O.Box 66, Smithville	7			
PERMIT ISSUED July 6, 1983 WV	3 1/2			
DRILLING COMMENCED 7-19-83	4 1/2	4245	4245	240 sac
DRILLING COMPLETED 7-26-83	3			-
F APPLICABLE: PLUGGING OF DRY HOLE ON	2			
CONTINUOUS PROGRESSION FROM DRILLING OR	Liners			
REWORKING. VERBAL PERMISSION OBTAINED	used			
				<u> </u>
EOLOGICAL TARGET FORMATION Devonian Shall				fee
Depth of completed well 4197 feet				
Water strata depth: Fresh 100 feet;			water	etectable below
	Is coal	being mine	ed in the	area? No
Coal seam depths:				
	Pay	zone dept	th3393-4	197 fee
OPEN FLOW DATA				
PEN FLOW DATA Producing formation Devonian Shale	Oil: Ini		flow]	00 Bbl/
PEN FLOW DATA Producing formation Devonian Shale Gas: Initial open flow 1.5 M Mcf/d	Oil: Ini	tial open nal open f	flowl	Bb1/
PEN FLOW DATA Producing formation Devonian Shale Gas: Initial open flow 1.5 M Mcf/d Final open flow Mcf/d Time of open flow between init	Oil: Ini Fir ial and fi	tial open nal open fi nal tests	flow 1	Bbl/Bbl/
Producing formation Devonian Shale Gas: Initial open flow 1.5 M Mcf/d Final open flow Mcf/d Time of open flow between init Static rock pressure 800 est psig(surface)	Oil: Ini Fir ial and fi e measurem	tial open nal open fi nal tests	flow] low ho	Bbl/ Bbl/ purs ars shut i
Producing formation Devonian Shale Gas: Initial open flow 1.5 M Mcf/d Final open flow Mcf/d Time of open flow between init	Oil: Ini Fir ial and fi e measurem	tial open nal open fi nal tests	flow] low ho	Bbl/Bbl/ Bbl/ Bbl/ Bbl/ Bbl/ Bbl/ Bbl/ B
PEN FLOW DATA Producing formation Devonian Shale Gas: Initial open flow 1.5 M Mcf/d Final open flow Mcf/d Time of open flow between init Static rock pressure 800 est psig(surface) (If applicable due to multiple completion) Second producing formation	Oil: Ini Fir ial and fi e measurem) Pay	tial open nal open fi nal tests nent) after zone depr	flow] low hour hour hour hour hour hour hour hour	Bbl/ Bbl/ Bbl/ curs ars shut i 04/26/202 fee
Producing formation Devonian Shale Gas: Initial open flow 1.5 M Mcf/d Final open flow Mcf/d Time of open flow between init Static rock pressure 800 est psig(surface) (If applicable due to multiple completion) Second producing formation	Oil: Ini Fir ial and fi e measurem) Pay Oil: Ini	tial open final open final tests nent) after zone depondential open	flow hour hour hour hour hour hour hour hour	Bbl/Bbl/

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

3393 to 4197

3.1 Million ft3 Nitrogen and 53 sacks 20/40 sand

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Lime Shale Big Injun Shale Shale Shale Sunbury (coffee) Shale Berea Devonian Shale	1670 1684 1740 1773 1822 2117 2127 2145	1684 1740 1773 1822 2117 2127 2145 4294	0-1670' Sand, shale and red roo
		II. ogi da, is in	
		Civetias.	
		45	
dina decentration of the second		Sec Profession	

(Attach separate sheets as necessary)

Sheldon and Sheldon, Inc.	
Well Operator	1
By: Sin J. helder	04/26/2024
Date: 09/09//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 coal, encountered in the drilling of a well."

DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT



11-12-5 DIVISION

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 00 0078		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Oil o	Gas Well
Company Sheldon + Sheldon Inc	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address	Size			Carella mercation profits
FarmWilder D. Shields	16			Kind of Packer
Well No SHIELD" 5-1	13		r ne tot et a gat .	The plant was the second of th
District Grant County Rithis	81/4		A A ST AS TO	Size of
Drilling commenced 7-20-83	6%			Donal
	5 3/16			Depth set
Drilling completedTotal depth	3			Perf. top
Date shotDepth of shot	2		a to a large to	Perf. bottom
Initial open flow/10ths Water inInch	Liners Used		en en pentra anneae en	Perf. top
Open flow after tubing/10ths Merc. inInch				Perf. bottom
VolumeCu. Ft.	CASING CEMEN	TED	SIZE	No. FTDate
Rock pressurelbshrs.	NAME OF SERV			Date
bbls., 1st 24 hrs.	COAL WAS ENC	OUNTERED	m	
34' Lorge amount feet seek water 300' Small growt feet				FEETINCHES
alt woter				FEETINCHES
		and the second s		PEETINCHES
rillers' Names Red Streen Terry M.	Piller Je	so Rober	toon	
11.M King # 1 Stand	Pushen 1	P.DD	O	n
on 7-21-83 Ran 206 from	tof 113"	asino		
B. V. Hughes Ran 140 sa	ho amen	+ with	3% 66	
474 foot day at time of 1.				
fur time of 1.	esit			

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No	•		Well No.				
COMPANY			ADDRESS		2,3,000 00 00		
FARM		DISTRICT	C	OUNTY		19-11-	
Filling Material Used						14.16(2)	
Liner Loc	eation	Amount	Packer	Location			
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	
				, ,			
				12			
					4		
	8		malare de la				
•						10,4	
	ч						
3377			The state of the s				
	and the state of t					2.00	
rillers' Names				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	×1=		
Remarks:				1. i			
DATE	I hereby certify I	visited the abov	ve well on this date.				
				()4/26/2	0024	

DISTRICT WELL INSPECTOR

85-6618

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION

INSPECTOR'S WELL REPORT

Tormit No.				Oil o	Gas Well
Company Shelds	n t Sheldon eluc	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address	240.00	Size		3 - 12 - 1 - 1	general superior
Farm Willer	D. Shields	16			Kind of Packer
Well No Shield	The second secon	13			and the state of t
istrict Sant	County Retelle	10			Size of
rilling commenced		6%			Depth set
lling completed	Total depth	5 3/16			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		3			Perf. top
	Depth of shot			y y	Perf. bottom
ial open flow	/10ths Water in	_Inch Liners Used			Perf. top
n flow after tubing_	/10ths Merc. in	Inch			Perf. bottom
ne	C	u. Ft. CASING CEMEN	TED	SIZE	No. FTDa
pressure	lbs				No. FTDa
	bbls., 1st 24	hrs. COAL WAS ENC	OUNTERED A	AT	FEETINCHE
water	feet				FEETINCHE
water	feet	1			FEETINCHE
ers' Names				×	
arks:	1	4			
Visit	f 3106 foot d	egg. Rig	broke do	wast tin	wastriset

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No			Well No.			
OMPANY		ADDRESS				
FARMDISTRICT_			СС	OUNTY		
Filling Material Used	3					
iner Loc	ation	Amount	Packer	Location	e same s	
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
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	17,000,000,00	Zgi ess	. 48	and the state of t		
	The state of the s					
illers' Names						
marks:						
	I hereby certify I v					



INSPECTOR'S WELL REPORT& GAS DIVISION

Permit No. 83 66	70	Oil or Gas Well				
Company Skeldon	1 + Shellom	Inc. CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS	
Address		Size			and between grown	
FarmWilker I	. Skields	16			Kind of Packer	
Well No. Rields	5-/	13				
District Strant	County Rite	lio 81/4_			Size of	
Drilling commenced 7-	-20-83	6%			Depth set	
Drilling completed 7-2	6-83 Total death 4	300 53/16			and the same of th	
Date shot		3			Perf. top	
nitial open flow				on ' S of the	Perf. bottom	
pen flow after tubing	/10ths Merc. in	Inch			Perf. bottom	
ock pressure	lbs				No. FTDate	
	bbls., 1st		COUNTERED A	AT	FEETINCHES	
resh water	feet	feetFEET	INCHE	S	FEETINCHES	
lt water	feet				FEETINCHES	
rillers' Names			****			
marks: Visit o	Location sil	te in man	10	0	2 1 2	
wellu	vas completes	l on 7-26-83	of login	of stal	at time of Vision	
Ran 4:	280 foot of	42"casing				

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

COMPANY	0		ADDRESS	on the state of th	Agrees and the	***
		Diompion				
'ARM		DISTRICT	C	COUNTY		
illing Material Used						1,000
iner Loc	ation	Amount	Packer	Location		
	ND DEPTH PLACED		BRIDGES		G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
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				e March	E-11-0-1 11	
			and the same of th	10	eridii o	
				1		December 1
	STATE OF THE PARTY	(13 1 W 3) = 1 =				
	THE WESTERN	2017/04/4	3167	10	· · · · · · · · · · · · · · · · · · ·	14 (24 90 j
			10'12 state			and the same of the same of
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rillers' Names		-		14/6		2412
and the second s	Table of the same				Company of the Company	god St. grantsta
marks:						

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION FINAL INSPECTION REQUEST INSPECTOR'S COMPLIANCE REPORT



OIL & GAS DIVISION
DEPT. OF MINES

Permit	No.	085-6618	. County_ Ritchie	
Compan	y Sheldo	n and Sheldon, Inc.	DistrictGrant	
Inspec	tor_SAMUE	L N. HERSMAN	Farm Wilbur D. Sh	nields
Date	October	5, 1983	Well No. S-1	Issued
RULE		DESCRIPTION		IN COMPLIANCE Yes No
23.06		Notification prior to	starting work	
25.04		Prepared before drilli	,	
25.03		High-pressure drilling		
16.01		Required permits at we	llsite	
5.03		Adequate fresh water ca	asing	
15.02		Adequate coal casing		
15.01		Adequate production cas	sing	
15.04		Adequate cement strengt	±h	
23.02		Maintained access roads	6	V
25.01		Necessary equipment to	prevent waste	
23.03		Reclaimed drilling site		$\overline{\mathcal{C}}$
23.04		Reclaimed drilling pits		V
23.05		No surface or undergrou	and pollution	V
7.05	2000 H	Identification markings	5	$\overline{\nu}$
COMMENT	'S :			
		OK to R.	lease	
		11 2 - 1 8		

I have inspected the above well and have found it to be in compliance with the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia, and the well can be released from the permitted work.

SIGNED: Samuel M. Harsman

DATE: 5-11-84

)4/26/2024



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

WALTER N. MILLER DIRECTOR

THEODORE M. STREIT **ADMINISTRATOR**

May 30, 1984

Sheldon & Sheldon, Inc. 118 Westwood Ave. Bridgeport, W. Va. 26330

	In Re: PE	RMIT NO:	47-085-6618	
	FARM	M: Will	our D. Shields	s
	WELI	L NO:	S-1	
	DIST	TRICT:	Grant	
	COUN	NTY:	Ritchie	
	ISSU	JED:	July 18, 1983	
Gent	:lemen:			
this	The FINAL INSPECTION REPORT for the above capti office. Only the column checked below applies:			
	The well designated by the above permit number in Blanket Bond.	has been	released under yo	ur
	Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.			

XXXXX Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

Very truly yours,

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

FERC-121

O API well numb	er: e, leave blank. 14 digits.)	47 - 285 - 6618	
.0 Type of determ (Use the codes of this form.)	nination being sought: s found on the front	Section of NGPA Category Code SEP 1 2 1983	
Depth of the olocation: (On or 107 in 2.0	deepest completion ly needed if sections 103 above.)	Section of NGPA Category Code 1983 4107 feet Category Code 1983	
applicant: (3	s and code number of 5 letters per line code number not re blank.)	Sheldon & Sheldon, Inc. Name 118 Westwood Ave. Street Bridgeport City Sheldon & Sheldon, Inc. Seller Code State Zip Code	
or (b).]	his well: [Complete (a) ore wells rs maximum for field	Schultz field Field Name Ritchie County State	
(b) For OCS	s wells:	Area Name Date of Lease: Mo. Day Yr. OCS Lease Number	
(c) Name a of this maxim	nd identification number well: (35 letters and digits um.)	Shields S-l	
(d) If code of the maxim	4 or 5 in 2.0 above, name reservoir: (35 letters um.)		
purcha	and code number of the iser: (35 letters and digits num. If code number not ble, leave blank.)	Consolidated Gas Corp.c/o L & M Buyer Code	
(b) Date of	of the contract:	10, 18, 8,3,1 Mo. Day Yr.	
(c) Estim	ated annual production:	(a) Base Price (b) Tax (c) All Other Prices [Indicate (b) and (c)	
7.0 Contract	price:	(\$/MMBTU) 103 base (+) or (-).]	
decimal	m lawful rate: ling date. Complete to 3	·	
9.0 Person r Agen Date Receiv	esponsible for this application by Use Only ed by Juris. Agency 1 2 1983	n: Paxid J. Sheldon President Name Signature September 2, 1283 Date Application is Completed President Title (304) 624-4296 Phone Number	

PARTICIPANTS: DEC 61983	BUVER CELLER COL
PARTICIPANTS:	BUYER-SELLER COL
WELL OPERATOR: Sheldon, Inc.	
FIRST PURCHASER: Consolidated Gas Corp. % L+ M	
OTHER:	
W. Va. Department of Mines, Oil & Gas Division	1 100
WELL DETERMINATION FILE NUMBER	
830912-103-085=6618	I when the
Uso Above File Number on all Communications	1, 1 by
Relating to Determination of this Well API	PROVED
CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING	B 27 1984
ITEM NO.	•
1. FERC -121 Items not completed - Line No	
2. IV-1 Agent / David J. Sheldon	
3. IV-2 Well Permit	
4. IV-6 Well Plat √	
5. IV-35 Well Record	
6. IV-36 Gas-Oil Test: Gas Only Was Oil Produced?	Ratio
7. IV-39 Annual Production years	
8. IV-40 90 day Production Days off line:	
9. IV-48 Application for certification. Complete? /	
10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? ✓ A	fidavit Signed
18-28. Other: Survey Logs Geological Charts	
Structure Map 1: 4000 Map Well Ta	ibulations
(5) Date commenced: 7 - 19 - 83 Date completed 7-26-83 Deepe	ened
(5) Production Depth: 3393-4/97	
(5) Production Formation: Devonian	
(5) Final Open Flow: Initia 1.5 MMCF	
(5) After Frac. R. P. 800est 24hrs.	
(6) Other Gas Test:	
(7) Avg. Daily Gas from Annual Production:	
160 PM /2	bio trom burry k
10-17. Does lease inventory indicate enhanced recovery being done	
10-17. Is affidavit signed?	4/26/2024
Does official well record with the Department confirm the submitted inform	
Additional information Does computer program confirm?	
Was Determination Objected to By Whom?	78

		DOTALLE OF THE DE	, OIL AND GAS DIVISION	Well No. Shields S-1
				API Well
		CO		No. 47 - 185 - 6618 State County Permit
		STATE APPLICATION I	FOR WELL CLASSIFICATION	Previous File No.
				(If Applicable
WELL OP	ERATOR Sholdo	n and Sheldon T	nc DESIGNATED AGENT	David J. Sheldon
		ond Avenue	ADDRESS (same	
	geport, WV		TSame	
		· N/A-Resellerand	Dete 0- 8- 83	
	hart Code		(Month, day and ye	ear)
	First Purchaser		ompany	
		P. O. Box 80		
	(4)	Reno Ohio	F. D. Box)	
		(City) (State) (Z	(p Code)
FERC Se	ller Code		FERC Buyer Code	8
TYPE OF	DETERMINATION BET			
(1)	Initial determin	nation (See FERC Form 12	1.) Section of NGPA	Category Code
(2)	Determination the recovery technol	nat increased production	is the result of enhance	ed ,
(3)		f a seasonally affected		
			David J. Shell	don President
			A new	Kelder
			Signature	
			118 Westwood A	ve.
			Bridgeport, WV	26330
			City State	(Zip Code)
			(304 624-4206 Area Phone Number	
			Code Phone Number	r
(Certifi	cate of Proof of	Service to Purchaser)	,	
(All of	the above to be co	ompleted by the Operator	(Anni (cent)	
			/Applicant)	
(To be con purchase:	ompleted by Juris r, if known).	dictional Agency. Execu	ted copy to be returned	to Operator/Applicant and
well as to (NGPA); under Sec	meeting the requir	rements of Section instinct that increased p	roduction is the result	ification of the above described ural Gas Policy Act of 1978, of enhanced recovery technology ected well under Section 108 of (NGPA
the office	All interested post of the Oil and there will be a post of the oil and the oil be a post of the oil and the oil an	parties are hereby notif Gas Division in Charles public hearing, if reque	ied that on the day ton, West Virginia, or a sted, or if objection is	of . 19 , at soon thereafter as it may filed.
	This Application	n is assigned File No		
and any	to certification	as claimed under the Na ce will be made at the t	indicates the well it tural Gas Policy Act (NG ime appointed for a publi	s. is not PA). A review of this evidence to hearing or as soon thereafter
days, a l	Unless objection	ns are timely filed or a	request for a hearing is te motion of the department	made within fifteen (15) ent and the matter will
			WEST VIRGINIA DEPARTMENT	OF MINES
				Director
Date rece	eived by		Ву	04/26 /2024
	ional Agency		Title	

FORM IV-48WC [12-78]

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

Date	9-5	. 19_8
Operator Well No.	's Shields	'S-1
API Well No. 47 State	- 085 County	- 6618 Permit

WELL CLASSIFICATION FORM NEW ONSHORE PRODUCTION WELL

NGPA Section 103

Designated agent David J. Sheldon
ADDRESS 118 Westwood Avenue
Bridgeport, WV 26330
WELL OPERATOR Sheldon, Inclocation; Elevation 812
Prid general WW 2622 Watershed Layfields Run
DDRESS COL & M Oil Company Gas Purchase Contract No. N/A - Reseller agreement Meter Chart Code
Date of Contract 9-8-83
* * * * * * * * * * * * * * * * * * * *
ate surface drilling was begun: 7-10-83

Indicate the bottom hole pressure of the well and explain how this was calculated:

Ps - 815 , G-.6, D-4197, T-552, PBH-887 P/BH = P/S x e G x D : 53.34 T Where P/BH = Bottom Hole Pressure

P/S = Surface Pressure G = Gas Specific Gravity

D = Depth T = Temperature

AFFIDAVIT

I. David J. Sheldon, having been first sworn according to law state that 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the in commercial quantities or on which surface drilling began on or after February 19, 1977, and which the best of my information, knowledge and belief, that the well for which this determination is sought application which is inconsistent with this conclusion.

STATE OF WEST VIRGINIA.

COUNTY OF Ahrison. TO WIT:

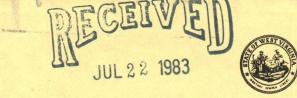
I Seas Klarns, a Notary Public in and for the state and county aforesaid, do certify that Saired Sheldon, whose name is signed to the writing above, bearing date the 5th day of Significant. 1983, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 9th day of September, 1983. My term of office expires on the 38th day of Tovember, 1988.

[NOTARIAL SEAL]

Debit Gearns

04/26/2024



JUL 2 2 1983

OIL & GAS DIVISIONE OF WEST VIRGINIA

DEPT. OF MEPARTMENT OF MINES

Date: Quely 20-83
Well No: SAIELDS S-1
API NO: 47-85-6618

Oil and Gas Division NOTICE OF VIOLATION

	MOTICE OF VIOLATION
WEL	L TYPE: 0il / Gas Liquid Injection / Waste Disposal /
	Of "Gas" - Production / Storage / Deep / / Shallow /
LOC	ATION: Elevation: 8/2 Watershed: Laufielle Run
	District: Strant County: Rithing Quadrangle: Schults
WEL	L OPERATOR Shellon + Shellon DESIGNATED AGENT David J. Shellon
	Address 118 Mestwood Quenus Address 118 Mestwood Quenus
	Brilgeport, WV 26330 Brilgeport WV 26330
	The above well is being posted this 20 day of 9, 1983, for a
vio	lation of Code 22-4-12 and/or Regulation 23.06, set forth in detail as follows:
	(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)
	Matiles to must be in the point of the
	Motification must be given to the District Oil + Has elupertor
	Prior to the construction of roads locations and pils
	or any permitted work
	Because of this Violation this rig shall be southour for a 24-hour peroid - From 3:30 PM July 20 - to
	3:30 PM 0.1. 21-82
	3:30 P.M. July 21-83
*	
	A copy of this notice has been posted at the well site and sent by certified or
reg	istered mail to the indicated well operator or his designated agent.
	You are hereby granted until 3:30 P.M. July 21, 1983, to abate this violation.
	Failure to abate the violation may result in action by the Department under
Cod	e 22-4-17 or Code 22-4-18.
	Samuel M. Hersman
	Oil and Gas Inspector
	Address P.O. Bey 66
	Smithville WV 26178
	Deminsorro VIII VIII VIII VIII VIII VIII VIII
	Telephone: 77-3.04/26/2024

FORM IV-31 [08-78]



Date: Jul	y 21	_, 19 <u>83</u>
Operator's 5	HIELD	#/
API Well No.	47 - 85 State County	-6618
	State County	1618

OIL & STATE OF MEST PIEDINIA
DEFAULT OF MINES, SIE AND GAS DIVISION

NOTICE OF ABATEMENT

WELL TYPE: 011 X / Gas / Liquid Injection / Waste Disposal /
(If "Gas", Production/ Underground Storage/ Deep X Shallow/)
LOCATION: Elevation: 8/2 Watershed: Laufield Run
District: Scant County: Ritchie Quadrangle: Schooling
WELL OPERATOR Sheldon and Sheldon Surpesignated Agent David J. Shellon
Address 118 Westwood Ovenue Address 118 Westwood Ovenue
Bridgeport NV 26330 Bridgeport 90V 2633
Notice is hereby given that the undersigned authorized oil and gas inspector made a special
inspection of the above named well on July 2/, 1983,
Upon the expiration of a period of time originally fixed for abatement.
Upon the order of the Deputy Director for Oil and Gas at the request of the well operator.
Upon the request of the Deputy Director for Oil and Gas.
The violation of Code § 22-4-12 Heretofore found to exist on July 20, 1983, by
Form IV-27, "Notice of Violation"/ Form IV-28, "Imminent Danger Order"/ of that date has
been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations
to pease, such requirement is hereby rescinded, and the well operator is hereby notified that he may
resume operations.
COMMENTS

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

Samuel N. 94	04/26/2024
Address: PO Boy 60	
Smithwill	B NV 26178
Telephone: 477-35	97

