

DEPARTMENT OF MINES

Oil and Gas Division



OIL AND GAS WELL PERMIT APPLICATION A GAS DIVISION OF MINES

SUTTLE #421 THE DEPARTMENT OF MINES. TO Charleston, W. Va. DATE November 17, 1980 Surface Owner Herbert S. Suttle Company Sterling Drilling and Production Co., Inc Address 940 Whittaker Rd. Belle Glade, Fla. Address Suite 3800 622 3rd Ave. NY. NY 10017 Mineral Owner Herbert S. Suttle Farm SHTTLE Same Location (waters) Hayes Run Unknown - Unoperated Well No. 421 Elevation 973.7 Coal Owner_ Address District Smithfield Quadrangle_Otter 15' Coal Operator_ THIS PERMIT MUST BE POSTED AT THE WELL SITE All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved INSPECTOR TO BE NOTIFIED Richard Morris . This permit shall expire if drilling operations have not commenced by 8-15-81 ADDRESS P.O. Box 372 Grantsville, W.V. Aux Deputy Director - Oil & Gas Division PHONE 354 - 7259 GENTLEMEN: The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated <u>June 19</u> 1980 by <u>Herbert S. Suttle</u>

Sterling Drilling and Production Co., Inc.

made to ______ and recorded on the _____ 16th ____ day of ______ 1980, in _ County, Book __153 Roane _ Page __741 _ Lease # 095-006 ____DRILL DEEPER _ _ NEW WELL _ __REDRILL _ FRACTURE OR STIMULATE _OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date. The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address. day . same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. Very truly yours, PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: (Sign Name) Well Operato WEST VIRGINIA GEOLOGICAL AND Rt. 1 Box 30 Address ECONOMIC SURVEY of P. O. BOX 879 Well Operator Duck MORGANTOWN, WEST VIRGINIA 26505 City or Town AC-304 - 292-6331 West Virginia *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 period of ten days from the receipt of 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. 47-087-3378 **BLANKET BOND** PERMIT NUMBER

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

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

PROPOSED WORK ORDER TO	XDRILL	DEEPENFRACTURE-STIMULATE				
DRILLING CONTRACTOR: (If	Known)	RESPONSIBLE AGENT:				
NAME FWA Drilling Co.,	Inc.	ADDRESS Rt. 1 Box 30 Duck, W.V.				
ADDRESS Box 448 Elkvie	w, W.V. 25071					
TELEPHONE 965 - 3379		TELEPHONE 364 -	5780			
ESTIMATED DEPTH OF COMPI	LETED WELL: 1960'	ROTARY X	CABLE TOOLS			
PROPOSED GEOLOGICAL FOR	MATION: Injun					
TYPE OF WELL: OIL_	.,		DISPOSAL			
			OD OTHER			
TENTATIVE CASING PROGRAM	M: USED FOR	LEFT IN	CEMENT FILL UP			
SIZE	DRILLING	WELL.	OR SACKS - CUBIC 11.			
20 - 16			1.4.			
13 - 10						
9 - 5/8						
8 - 5/8	250'	250'	To Surface			
7		The WELL SITE				
			200			
3		The state of the s	Peri. Top by sale 15.01			
		li stigas llorle il	Perf. Bottom			
Liners			Perf. Bottom			
And Are						
OF PLAT. TO DRILL DEEPER OR REDRII SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITTED FRACTURE - STIMULATE: OIL AND/OR GAS WELL OBOND, PERMANENT PLAT OIL AND/OR GAS WELL OING ORIGINAL PERMIT NU	CL: OF OG - 1, SHOWING ORIGINATED RIGINALLY DRILLED BEFORMAND ORIGINAL WELL RESIGNALLY DRILLED ON AUTHORICAN AND PERFORMANCE	GINAL PERMIT NUMBER AND TO COPY OF THE PLAT AND TO COPY OF THE PLAT AND TO CORE JUNE 5, 1929, FIVE (5) CORD. AND/OR AFTER JUNE 5, 1929 E BOND.	O PERFORMANCE BOND. ON HE ORIGINAL WELL RECORD OPIES OG - 1, PERFORMANCE P., FIVE COPIES OG - 1, SHOW-Inspector to be notified twenty-			
thereof. WAIVER: I the undersigned, Age this lease have examin : We the	ent for coal Company	Coal Company, Owner maps this proposed well location have no objections to said we regulations in Articles 4, 5, and 7				
			Official Title			



1)	Date: Octo	per 6			19_83
2)	Operator's Well NoSI API Well No.	uttle	# 421	- Ren	VA MADI
3)	API Well No.	47 -	087 -	3378	-Ren
		State	Cour	nty	Permit

Formerly 47 - 087 - 3378

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

				<u>A</u>	PPLICA	TION FOR A WE	LL WORK PERMI	<u>T</u>	
4) WELL T	YPE: A C	oil was	DOA G	as	X	ONS CITIANN	ND CONDITIE	DIFICATIONS	PERMIT MO
	В (If "Gas",	Productio	n	X	/ Underground	d storage	/ Deep	_/ Shallow X_/)
5) LOCATIO	ON: Ele	evation: _	973.7	0'		_ Watershed:	Hayes Run		
	Di	strict:	Smithf	ield		_ County:	Roane	Quadrangle: _	7.5' Tariff
	PERATOR	Steri	ing Dr	illi	ng & l	rod. Co.,	Inc. DESIGNATE		ry L. Berger, Jr.
Addres	ss 300	Vank	Now V	lovel.	10017	loor	Address	710 Virgin	
8) OII & C	AS INSPEC				10017		O) DRILLING		W.V. 25301
Name			OUGHER				9) DRILLING C		TUTC TIME
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10) PROPOS	ED WELL	WORK:	Drill	X	_/ Drill	deeper	/ Redrill	/ Stimulate	N C ORDA A
			Plug o	ff old	formation		orate new formation		
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(1) GEOLOG							44 394 4 4		00110 1303
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						feet; sal	lt,	feet.	OIL & GAS DIVISI
14) Appr						ls c	oal being mined in th	e area? Yes	DEPT. OF MI
CASING OR	II		CIFICATION			FOOTAGE	INTERVALS	II CENTER FULL	
TUBING TYPE	Size	Grade	Weight per ft.	New	Used		1	OR SACKS	PACKERS
Conductor	Size	Grade	per it.	New	Useu	For drilling	Left in well	(Cubic feet)	Vi. 1
Fresh water	9 5/8	LS	33#	X		350'	350'	To Surface	By Role 15-05
Coal						000	330	TO Surrace	Sizes
ntermediate	7"	J-55	20#	X		2200'	2200'	100 sks	
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ermit number_	47-08	7-3378	Ren					N _C	ovember 9, 19 83
erime number _	17 00	3370	TICH					Da	VIEW CO.
his permit cov	ering the we	ell operato	r and well	locatio	on shown	below is evidence	of permission grant	ed to drill in accordan	oce with the partinent lead to
uirements subje	ect to the co	naitions c	contained i	nerein a	ind on the	reverse hereof. N	otification must be	given to the District O	l and Cas Inspector (Refer to
strict oil and s	the construction in the co	tion of ro	ads, locati before ac	ons and tual pe	d pits for a	any permitted work ork has commence	k. In addition, the w	ell operator or his cor	tractor shall notify the proper
verse hereof.	ork is as uc	scribed iii	the Notice	allu A	ррпсаног	i, piat, and reciam	ation plan, subject t	o any modifications a	nd conditions specified on the
ermit expires _	Nove	ember	9, 198	5		unless well	l work is commenced	prior to that date and	prosecuted with due diligence.
									OTHER INSPECTIONS
See Tonical		1 0	lat:	Casin	g .	Fee		Marin Committee	
Bond:	Agent	F	lat.						
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		OFFIC	CE USE ONL	Y			2.45
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Shallow X	Desp.		Valershed:				LOCATION:
	Quadrangle				<u> Leftuiting</u>	District:	
vit. Regge Vr.	TREAT HEART	INC. DESIGNATE	roo_wbo	65 <u>. a. g</u> gi	Eliny pui		WELLOPER
	T. D. Mirgian	Address			J. SVILLE		Address
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	OPPRIOR:	9) DRILLING C Name				ALL SERVE	
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OIL & GAS DIVISIO						iai. Gata depths:	
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the off gold	919 NJC 4				X SE O P		
		OFFIC	CE USE ONL	Y			
This part of Form IV-2(b) is to record the	dates of certain	n occurrences	and any fo	ollow-up insp	pections.	
		Date					ate(s)
Application received		V. 198	Follow-	-up inspecti	on(s)		
		TIMS	HILLING PE	ga ,	,		
Well work started							
Completion of the drilli	ngn						
process	sephiness at Bish of b		o vidence o	on shown bel	and well locat	ture well operator	
or entering our montered the	iven to the District Off	g sil ram conscill	versa herèni. Nu	and on the re-	ntained herein		ients subject t
Well Record received							
Reclamation completed	any modifications an		land reclama	Arphoation, p	he Notice and,	is as described in i	
rosecuted with due diligence.		pagnantino 21 X10V	L Ham sgattin				
OTHER INSPECTION:							

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

Reason:

Reason:

Administrator Office of Oil and Line

SURFACE OWNER'S COPY



1) Date:	ber 6	, 19 <u>_83</u>
2) Operator's Well No.	12170 # A21 -	Ran
ADI W. II M	47	

Permit

3) API Well No. 47
State County

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION APPLICATION FOR A WELL WORK PERMIT

							EL WORK I ERMI		
4) WELL TY	PE: A	Oil		Gas					
	В	(If "Gas"	, Producti	on	X	/ Underground	storage	/ Deep	_/ Shallow X /)
5) LOCATIO	ON: E	levation:	973.7	0'			layes Run		
		istrict.	Smithf	E CHARLE SHOW		County:		Quadrangle:	'.5' Tariff
6) WELL OF					g & P	rod. Co., I	7) DESIGNATE	DAGENT Harm	L. Berger, Jr.
Address 360 Madison Ave. Fifth Floor Address 710 Virginia St.									
9) OH 6 CA	C INCOR	York.			0017			Charleston,	M.V. 25391
8) OIL & GA	HOME	CIOR TO	BE NOT	IFIED				ONTRACTOR:	
Addres	Address I might be Box 2 A								
ridares		onevví		I.V.	25250		Address		
10) PROPOSE	D WELL	WORK.	Drill	(_/ Drill	4			
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11) GEOLOGI	ICAL TAR	RGET FOR				SHALE			
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13) Appro								feet.	
14) Appro	ximate coa	al seam de	pths:		0		oal being mined in the	THE RESERVE OF THE PARTY OF THE	/ No X /
15) CASING A	AND TUB	ING PRO	GRAM					103	
CASING OR TUBING TYPE		SPEC	CIFICATION	S	- 1	FOOTAGE	INTERVALS	1 CEMENT FILL-UP	PACKERS
TOBING TIPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	THERES
Conductor								(Cubic lett)	Kinds
Fresh water	5/8	LS	33#	K		350'	350'	To Surface	Killus
Coal									Sizes
Intermediate	7"	3-55	20#	X		22001	2200'	100 sks	
Production	1/2	ERW	10.5#	X			5200'	250 sks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom
I hereby state	on a facsi	mile of thi	s surface	owner's VOI	copy of	the Application. Y STATEMENT O	the following "Volu F NO OBJECTION		Objection"
on Form IV-6, an	nd (4) a Co	onstruction	and Recl	amation	Plan on	Form IV-Q all for	Application for a W	ell Work Permit on F	
For execution by	corporation	on, partne	rship, etc.)		Œ			
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AME:							Sharon you	4.1.	1
Ву							Garon Gar	eng Tichola	Date: 10-28-19 Date:
Its			- C-F	Dat	te		(8)	gnature)	Date:
							(31)	Sudture)	

INSTRUCTIONS TO SURFACE OWNERS AND EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas West Virginia Department of Mines 1615 Washington Street East Charleston, West Virginia 25311 (304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments as provided in Methods for Filing Comments below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

INSTRUCTIONS TO APPLICANT

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
 - 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-lb(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
 - 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
 - 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
 - 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-lk and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-lk(d) and the reclamation required by Code § 22-4-lb and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-la(c) and 22-3-l2a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-lm, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that-

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book Page
Herbert S. Suttle 940 Whitaker Rd. Belle Glade, Fla.	Sterling Drilling and Prod. Co., Inc.		153/741

7)	Date.	September	10	10 00
_/	Date.	September	19	,19_83
21	0			

2) Operator's

Well No. 421 3) API Well No. 47-087-3378 Ren. State County Permit

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

	NOTICE OF APPLICATION	FOR A WELL	WORK PERMIT	Formerly 47 - 087 - 3378
	ER(S) OF RECORD TO BE SERVED		COAL OPERATOR	UNOPERATED
(1) Name Her	bert S. Suttle		Address	
radiess_	940 Whitaker Rd.	5(ii)	COAT CANED (C)	William Dear special
(ii) Name 11	Belle Glade, Fla.	3 (11)	Name III	WITH DECLARATION ON RECOR
Address	4		Address	NKNOWN
(iii) Name			Name	
Address_			Address	
		F/::::		
		5(111)	COAL LESSEE WI	TH DECLARATION ON RECORD:
			NameAddress	
4			Address	1
	TO THE PERSON(S) NAMED ABOVE: You should	have received the	s Form and the followi	ng documents:
	 The Application for a Well Work P to be plugged, which sets out the and describes the well and its lo cementing program; The plat (surveyor's map) showing The Construction and Reclamation plug a well), which sets out the program is the planting for the pla	the well location on Form IV-5	in the drilling or ot pplicable, the proposed on on Form IV-6; and	her work, casing and
(rectaliation for the site and acce	ss road.		
	THE REASON YOU RECEIVED THESE DOCUMEN WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU ACTION AT ALL.	ON THE PETERSE	THE OF THE CODY OF THE	ADDITION ALL O CAC BUILDING
	Take notice that under Chapter 22 of erator proposes to file or has filed this I for a Well Work Permit with the Administrat Department of Mines, with respect to a well and depicted on attached Form IV-6. Copies Construction and Reclamation Plan have been by hand to the person(s) named above (or by before the day of mailing or delivery to the	Notice and Applicator of the Office lat the location s of this Notice, n mailed by regis	ation and accompanying of Oil and Gas, West V described on attached the Application, the tered or certified mail	documents Virginia Application plat, and the
	6) EXTRACTION RIGHTS			
E	Check and provide one of the following: Included is the lease or leases or ot I hold the right to extract oil or	gas.		
)	The requirement of Code 22-4-1-(c)(1)	through (4). (S	ee reverse side for spe	ecifics.)
	7) ROYALTY PROVISIONS Is the right to extract, produce or mark or other contract or contracts providing for compensation to the owner of the oil to the volume of oil or gas so extracted	or gas in place	byalty or any similar p	muision
	If the answer above is No, nothing you may use Affidavit Form IV-60.	ing additional is	needed. If the answer	is Yes,
4	See the reverse side for line item the required copies of the Notice a Reclamation Plan.	instructions, and Application, p	d for instructions conc plat, and Construction	erning
Notice and Appliand sworn to signed on behin my County Harry L this 19 day of	the information on the plication is verified and the Notice is alf of the Well Operator and State by Berger, Jr.	By Its Add	Harry o	a St. E.
Notary Pub State of	lic, Kanawha County, West Virginia			09/15/2023

LESSOR INDEX

Hennen C Curre	
HERBERT S. SUTTLE	
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STERLING DRILLING AND PRODUCTION CO., INC.

ARCADE BUILDING

710 VIRGINIA STREET EAST CHARLESTON, WEST VIRGINIA 25301

(304) 342-0121

State of West Virginia Department of Mines Office of Oil and Gas Charleston, W.V. 25311

Date DECEMBER 1, 1982

SUBJECT: Oil and Gas Well Permit Application	
REFERENCE: Extraction Rights	
COMPLIANCE: Code 22-4-1-(C)	D.R.
Sterling Drilling and Production Co., Inc. Well Number 4	21-Ren. 12 08
Lease Number <u>095-006</u> Acreage <u>114</u>	
Lease Number 095.006 Acreage 114 Lease Date 6/19/80 Recording Date 7 Recorded in Book 153 at Page 741 LESSOR INDEX ON REVERSE SIDE LOCATION: Smithted District of ROANE	16/80 6 1982
Recorded in Book 153 at Page 741	EPT GAS DIVIS
LESSOR INDEX ON REVERSE SIDE	MINE
LOCATION: SMITHFIELD District of ROANE	County
WATERSHED: HAYES RW	
QUADRANGLE: 7.5' TARIFF	
AFFIDAVIT	
I, HARRY L, BERGER, JR., an authorized restring Drilling and Production Co., Inc., hereby certifinformation is true and that the owner or owners of the the above described tract will receive minimum one eight payments from any producing oil and / or gas well drilled contract. Signed: Authorized restrictions of the contract of the	h (1/8) royalty
Notary: Down M. Stlapie	
My Commission Expires 5/10/89	

FORM IV-35 (REVERSE)

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

Perforations:

99 holes

2355' - 5203'

Treatment:

4250 gal 15% HCl; 4638 MSCF N_2

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fra and salt water, coal, oil and o
			all measurements 10' KB
Sandstone and Shale	0	1500	
Salt Sand	1500	1700	44.
Shale and Sand	1700	1768	was a looker to be a Philo-Market in
Little Lime	1768	1829	
Pencil Cave	1829	1837	
Big Lime	1837	1925	
Big Injun	1925	1958	
Siltstone and Shale	1958	2319	
Sunbury Shale	2319	2340	
Sandy Siltstone and Shale	2340	2643	
Gordon	2643	2668	
Grey Silty Shale	2668	4823	
Grey Siltstone	4823	4835	
Grey Shale	4835	5245	TD 5245' KB
	. 1 5 130 1		

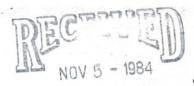
(Attach separate sheets as necessary)

Sterling Drilling and P Well Operator	roduction Co., Inc.
Well Operator	09/15/2023
By: Janis Z.	Derger A
Date: 0ct./22, 1984	4

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 will, encountered in the drilling of a well"

IV-35 (Rev 8-81)



State of Mest Wirginia

Bepartment of Mines Gil und Gas Bivision

Date	Oc	t. 2	22,	1984		
	No.		21-F	Ren	Boa B	
Farm	Herb	ert	Sut	tle	Sart	
API N	10. 47	_	087	, .	3378-	Ren

DEP 1. OF IVILLYES

WELL OPERATOR'S REPORT

OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas x / Liquid Injection (If "Gas," Production / Underground	und Stora	ge/ Deep	p/ Sha	illow_x_/)
LOCATION: Elevation: 973.70' Watershed Ha			A STATE OF THE PROPERTY OF THE PARTY OF THE	
District: Smithfield County Roam	ie .	Quadrangle	e/%' Tarr	11
COMPANY Sterling Drilling & Production Co., Inc.	•			
ADDRESS 710 Virginia St., E, Charleston, WV	Casina	Tuesd in	Total	Cement
DESIGNATED AGENT Harry L. Berger, Jr. 25301	Casing	Used in	Left	fill up
ADDRESS 710 Va. St., E. Charleston, WV 25301	Tubing	Drilling	in well	Cu. ft.
SURFACE OWNER Herbert Suttle	Size 20-16		a train	
ADDRESS 940 Whitaker Rd , Belle Glade, FL 33430	Cond.	A PART D	8 200 193	400 1400
MINERAL RIGHTS OWNER SAME	13-10"	+		
ADDRESS SAME	9 5/8	308'	308'	115 sx
OIL AND GAS INSPECTOR FOR THIS WORK Homer	8 5/8			
Dougherty ADDRESSLinden Rt, Bx 3-A Lonyvil,	7	2062'	2062'	175 sx
PERMIT ISSUED 11/9/83	5 1/2			
DRILLING COMMENCED 7/30/84	4 1/2		5212'	290 sx
DRILLING COMPLETED 8/6/84	3	1		-
	. 2			
ONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used		ALE	
GEOLOGICAL TARGET FORMATION Devonian Shall	.e	Dep	th 520	oo feet
Depth of completed well 5245 feet	Rotary X	/ Cabl	e Tools_	
Water strata depth: Fresh 230 feet;	Salt 15	72 feet		
Coal seam depths:	Is coal	being min	ed in the	e area? NO
OPEN FLOW DATA				
Producing formation Devonian Shall	le Da	y zone dep	+h 2355-52	203 feet
Gas: Initial open flow - Mcf/d				
	And the second second			
Final open flow 339 Mcf/d				
Time of open flow between init				
Static rock pressure 950 psig(surface		ment) arte	1 980 31 MOI	ozgzsnuc III
(If applicable due to multiple completion				foot
Second producing formation	5	y zone dep		feet
Gas: Initial open flow Mcf/d		itial open		Bb1/d
Final open flow Mcf/d				Bb1/d
Time of open flow between ini-	cial and i	inal tests	n	ours

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. <u>087-33</u> 98		Oil or Gas Well			
Company Sterling Drilling + Prod. Co.	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACK	ERS
Address Charleston, WYA	Size				
Farm Herbert S. Suttle	16			Kind of Pac	ker
Well No. 421	10			G: 6	
District Smith Field County Boane	81/4	CELW	30	Size of	
Drilling commenced	6%	****		Depth set	
Drilling completedTotal depth	3	JUN -1 1983		Perf. top	
Date shotDepth of shot	2 DEF	L & GAS DIVIS	NES	Perf. bottom	
Initial open flow/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing/10ths Merc. inInch				Perf. bottom	
VolumeCu. Ft.	CASING CEMEN	NTED	_SIZE	No. FT	Date
Rock pressurelbshrs.	NAME OF SER	VICE COMPAN	IY		
Dilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	_INCHES
Fresh waterfeetfeet	FEET_	INCHE	:s	FEET	_INCHES
Salt waterfeetfeet	FEET_	INCHE	S	FEET	_INCHES
Drillers' Names This Well was	Never	Drille	d		
Cano	e/				
INformation Kenneth R. Gos	nell o	ed th	mom		
			J. Marie Mar		

5/27/83 BATE Homes By 69/13/2023 ty
DISTRICT WELL INSPECTOR

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

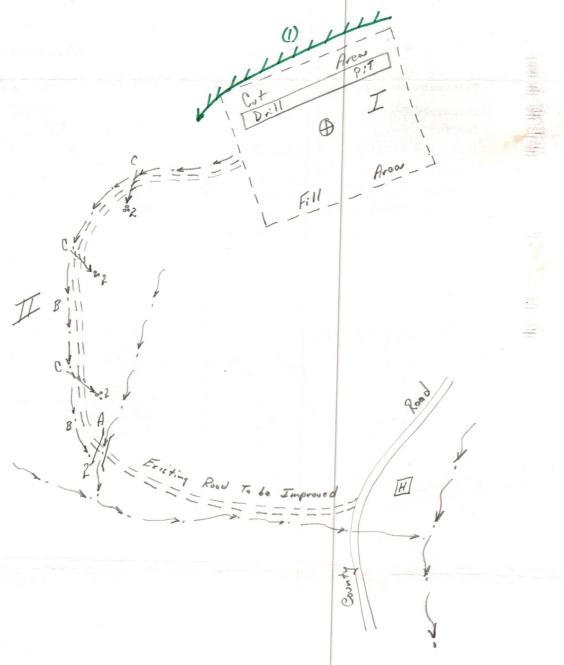
Permit No				Wel	II No		
COMPANY			ADDRESS		., 31	>	
FARM							
Filling Material Used			100000000000000000000000000000000000000	1. (, . e . y .			
Liner Lo	cation	Amount	Packer	Location			
PLUGS USED	AND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOS	
			1.1				
							
						Monte philosophic surprises and my language as divin	
rillers' Names							
						and the second second second second	
Remarks:						***************************************	
			A Benefit				
	Thereby was a						
DATE	i hereby certify I	visited the abov	e well on this date.				

09/15/2023

1 1 7 11

Diversion
Spring O
Wet Spot O
Building Drain Pipe O
Waterway

Section to include well location, existing access road, roads to be constructed, wellcite, drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage.



Averages /2 % Slope of well road does not exceed

Cuts to be 2:1 or less.

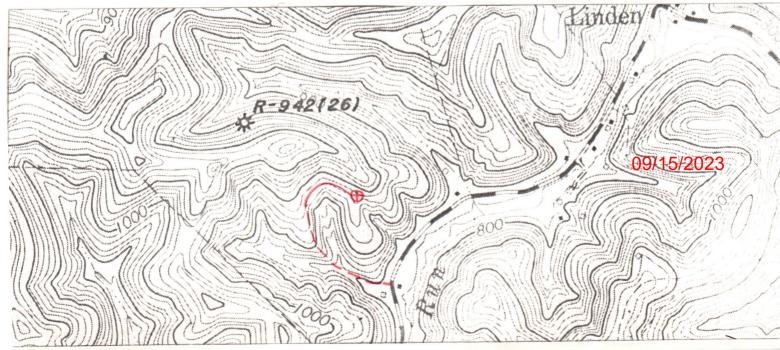
Seeding and mulching to be done within three (3) months.

Commercial timber will be cut and stocked. Brush will be removed from site.

Marlie & Morre Rt. 1 Box 30 -Duck, WV 25063 364-5780

These request landowners cooperation to protect new seeding for one growing season.

Company Name Stepling Dri Address 622 3rd Ave., Telephone (212) 949-91 Landowner Herbert 5. Revegetation to be carried	11.& Prod. NY, NY 100. 00 Suffle out by Moore d by Liffle	L AND GAS Co. Designated Agent Charlie E. Moore. 17 Address Rt. 1 Box 30 -Duck, WV Telephone (304) 364-5780 Soil Cons. District Little Kanawha 'S Well Ser., C. E. Moore Agent) Kanawha SCD. All corrections
Access Road		Location
Structure Culverts Spacing Fin. Size /6 Page Ref. Manual I-8	(A)	Structure Diversion Ditch (1) Material Soil Page Ref. Manual 1:9
	C (F)	Structure Rip-Rap (2)
StructureDrainage Ditche Spacing Page Ref. Manual I-ll	(B)	Material Rock Page Ref. Manual NA
Structure Cross Ditches Spacing As Needed or 200 Page Ref. Manual I-6	(C)	Material Page Ref. Manual DECT 0 1980
All structures should be in	nspected regula	arly and repaired if necessary.
		THE PART OF THE PA
		OIL & GAS DIVISION
	Revegeta	DEPT OF MINES
Treatment Area	the same of the sa	DEPT OF MINES
Lime or correct to pH 6.5	the same of the sa	Treatment Area II Lime Tons/Acre or correct to pH 6.5
Lime or correct to pH 6.5	Tons/acre	Treatment Area II Lime Tons/Acre
Lime or correct to pH 6.5 Fertilizer 6	Tons/acre OO lbs/acre alent)	Treatment Area II Lime Tons/Acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent)
Lime or correct to pH 6.5 Fertilizer 6 (10-20-20 or equiva	Tons/acre OO lbs/acre alent) 2 Tons/Acre 35 lbs/acre	Treatment Area II Lime Tons/Acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Hay 2 Tons/Acre Seed* Kv-31 45 lbs/acre
Lime or correct to pH 6.5 Fertilizer 6	Tons/acre OO lbs/acre alent) 2 Tons/Acre 35 lbs/acre 15 lbs/acre	Treatment Area II Lime Tons/Acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Hay 2 Tons/Acre
Lime or correct to pH 6.5 Fertilizer 6 (10-20-20 or equivalent for the following fo	Tons/acre OO lbs/acre alent) 2 Tons/Acre 35 lbs/acre 15 lbs/acre /5 lbs/acre	Treatment Area II Lime Tons/Acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Hay 2 Tons/Acre Seed* Ky-31 45 lbs/acre lbs/acre lbs/acre
Lime or correct to pH 6.5 Fertilizer 6 (10-20-20 or equivalent for the following fo	Tons/acre 00 lbs/acre alent) 2 Tons/Acre 35 lbs/acre 15 lbs/acre /5 lbs/acre as vetch, trefo	Treatment Area II Lime Tons/Acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Hay 2 Tons/Acre Seed* Ky-31 45 lbs/acre lbs/acre lbs/acre
Lime or correct to pH 6.5 Fertilizer 6 (10-20-20 or equivalent for the following fo	Tons/acre 00 lbs/acre alent) 2 Tons/Acre 35 lbs/acre 15 lbs/acre /5 lbs/acre as vetch, trefo	Treatment Area II Lime Tons/Acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Hay 2 Tons/Acre Seed* Ky-31 45 lbs/acre lbs/acre lbs/acre
Lime or correct to pH 6.5 Fertilizer 6 (10-20-20 or equivalent for the following fo	Tons/acre 00 lbs/acre alent) 2 Tons/Acre 35 lbs/acre 15 lbs/acre /5 lbs/acre as vetch, trefo	Treatment Area II Lime Tons/Acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Hay 2 Tons/Acre Seed* Ky-31 45 lbs/acre lbs/acre lbs/acre
Lime or correct to pH 6.5 Fertilizer 6 (10-20-20 or equivalent for the following fo	Tons/acre 00 lbs/acre alent) 2 Tons/Acre 35 lbs/acre 15 lbs/acre /5 lbs/acre as vetch, trefo	Treatment Area II Lime Tons/Acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Hay 2 Tons/Acre Seed* Ky-31 45 lbs/acre lbs/acre lbs/acre
Lime or correct to pH 6.5 Fertilizer 6 (10-20-20 or equivalent for the following fo	Tons/acre 00 lbs/acre alent) 2 Tons/Acre 35 lbs/acre 15 lbs/acre /5 lbs/acre as vetch, trefor recommended a	Treatment Area II Lime Tons/Acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Hay 2 Tons/Acre Seed* Ky-31 45 lbs/acre lbs/acre lbs/acre oil and clovers with the proper
Lime or correct to pH 6.5 Fertilizer 6 (10-20-20 or equivalent for the following fo	Tons/acre OO lbs/acre alent) 2 Tons/Acre 35 lbs/acre 15 lbs/acre as vetch, trefor recommended a	Treatment Area II Lime Tons/Acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Hay 2 Tons/Acre Seed* Ky-31 45 lbs/acre lbs/acre lbs/acre poil and clovers with the proper amount.
Lime or correct to pH 6.5 Fertilizer 6 (10-20-20 or equive Mulch Hay Seed* Ky-31 Orchard Ye *Inoculate all legumes such a bacterium. Inoculate with 32 Attach or photocopy section	Tons/acre OO lbs/acre alent) 2 Tons/Acre 35 lbs/acre 15 lbs/acre as vetch, trefor recommended acre of involved To	Treatment Area II Lime Tons/Acre or correct to pH 6.5 Fertilizer 600 lbs/acre
Lime or correct to pH 6.5 Fertilizer 6 (10-20-20 or equive Mulch Hay Seed* Ky-31 Orchard Ye *Inoculate all legumes such a bacterium. Inoculate with 32 Attach or photocopy section Legend: Well Site	Tons/acre OO lbs/acre alent) 2 Tons/Acre 35 lbs/acre 15 lbs/acre as vetch, trefor recommended acre of involved To	Treatment Area II Lime Tons/Acre or correct to pH 6.5 Fertilizer 600 lbs/acre
Lime or correct to pH 6.5 Fertilizer 6 (10-20-20 or equive Mulch Hay Seed* Ky-31 Orchard Ye *Inoculate all legumes such a bacterium. Inoculate with 32 Attach or photocopy section Legend: Well Site	Tons/acre OO lbs/acre alent) 2 Tons/Acre 35 lbs/acre 15 lbs/acre as vetch, trefor recommended acre of involved To	Treatment Area II Lime Tons/Acre or correct to pH 6.5 Fertilizer 600 lbs/acre



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

AUG - 7 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT

DEPT. of MINES

Permit No. 08 7-33/8				Oil or Gas Well		
Company Sterling Orilling + Prod.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS		
Address Charleston, Maa,	Size					
Farm Herbert Suttle	16	73	and the transfer	Kind of Packer		
Well No. Suttle 421	13			Size of		
District Smithfield County Roane	958		368			
Drilling commenced 2/31/84	65/8			Depth set		
Drilling completedTotal depth	5 3/16			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. inInch				Perf. bottom		
VolumeCu. Ft.	CASING CEME	NTED 93	SIZE 3	8No. FT 7/31/80/He		
Rock pressurelbs,hrs.	NAME OF SER	RVICE COMPA	NY L	owell		
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEETINCHES		
Fresh waterfeetfeet	FEET_	INCE	IES	FEETINCHES		
Salt waterfeetfeet	FEET_	INC	ies	FEETINCHES		
Drillers' Names Roandy Short	Bush	es Rons	rie la	ils		
Hart Rig #18						
Remarks: 7/ 030/84 Moved on and	sigged u	p t sta	ited a	rilling.		
1131/84 Kan 308 ft of 93	CC, A WI	b of E	lefak	cemented		
7/31/84 Ran 308 ft of 9: with 115 sacks of neat 3% Rlug down 4:30 AM, By & 8/1/84 1161 ft deep dilling	Jowell .	id with	h 834	"Bit.		
8/1/84			nes H			
/ /				THE INSPECTOR		

Form 26 2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

COMPANY				ADDRESS				
FARM								
	ge One and			The state of the s				
illing Material Used		and the second second				-		
		A	4	Packer	Loc	eation	111	
iner Location		Amoun	ıt			G AND TU	PING	
Control Manufacture Control of the C	ND DEPTH PLACED	LEAD	TOMOS	BRIDGES RUCTION-LOCATION	RECOVERED	SIZE	LOST	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONST	RUCTION-LOCATION	RECOVERED	SIZE	2001	
Company of the Compan			1	1.50	100/100	J. H.	C. Valence	
					4/2//			
					7.2			
95/65/3/38								
Security of the second				26 200			e com i	
		Selvery State of the selection of the se	uda va	Fadi		Light State Sta	The world	
io mane								
		, attakens		town and	tellesterne de en			
And the second second second second second							2016	
Orillers' Names								
Remarks:								
Y a m	I hereby certify I vis	ited the above w	ell on this	late.				
DATE	A. Chellin	C 375 3.4						
				1				
				DIS	TRICT WELL IN	SPEGT95	/2023	

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

Permit No. 087-33	378	NO WELL	KEI OK		S DIVISION
Company Sterlin	a Orilling & Brod	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
01 01	ton, M.va, Suttle	Size			Kind of Packer
Well No. Suttle District Smithfeel	21 6	13			Size of
Drilling commenced		5 3/16		2062	Depth set
	184 Total depth 5225	8 4½		5212	Perf. top
		Liners Used			Perf. bottom Perf. top Perf. bottom
	/10ths Merc. inInch		NTED 7	SIZE 20	62 _{No. FT.8/3/8} bate
Rock pressure					Cowell INCHES
OilFresh water	bbls., 1st 24 hrsfeetfeet				FEETINCHES
Salt water	feetfeet	FEET	INC	HES	FEETINCHES
Drillers' Names Ran Hurt Rig	dy Short	Pus	her Ros	mie E	Pasto
Remarks: 8/3/084 75 sacks of 7	(#8 (Ron 2062 ft) (leat 3466. + 1416,6 of Well 5225 f (with 296 sac 1 1016, Kolite by Down	of Tipe	plegdo	cemen un 8:15.	Led with AM. by Dowell
end cemented solt 2700	with 296 sae.	ks of lig	hweigh lown le	AT# 5	2% Gel 10% M. 8/7/84
RIMIRIL	Ry Lowe	000	()		1) 5 . 6 . 7

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

OMPANY			ADDRESS	3	XC.	-175	S at the
FARM DISTRICT			ADDRES		DUNTV	agreed of the same	
ARM	3 80 87 (38)	DISTRICT.	Promote No.		JONIT		
illing Material Used			8018	a francisco			
iner Loc	ation	Amou	int	Packer	Loc	ation	
PLUGS USED A	ND DEPTH PLACED		BRI	DGES	CASIN	G AND TUI	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUC	TION-LOCATION	RECOVERED	SIZE	LOST
				1.7.7		177	
Death set			53				
manuscriptures (200 110) (100 per			American Property of the Control of				
					11011	2	
FCY1, D017018						*****	
and to the			tisa)	ACT		e cale re
Part bettem				A			
				Jan., 1977. 1877. 18			TO SERVICE SE
	1.325	LTHYMAN			-	and the second second second	11110
11/2	YHASWO		G Zaza				
REETREET	TA-0393	Willows a	W 22.000 1820	4 D. Car Elled			
Orillers' Names	ETHORY.						10 10
	Carlo De Ca Carlo De Carlo De Ca	Carlo State Control of State Control				en er ger sækar i	and stocking or the part
Remarks:							
00 / 10 / 10	I hereby certify I vis	sited the above v	well on this date.	Section 1			
DATE							



State of West Virginia Bepariment of Mines · Gil and Gas Zivision Charleston 25305

THEODORE M. STREIT ADMINISTRATOR

47-087-3378-REN.

Herbert S. Suttle

WALTER N. MILLER DIRECTOR

July 1, 1983

Sterling Drilling & Production Company 710 Virginia Street, East Charleston, W. Va. 25301

		WELL NO:	421-REN.
		DISTRICT:	Smithfield
		COUNTY	Roane
Gentlem	en:	*	
Th this of	e FINAL INSPECTION REPORT for the above descr fice. Only the column check below applies:	ibed well	has been received in
XXXXXX	The well designated by the above permit numb Blanket Bond. (Permit Cancelled - Never Drill	er has be	en released under your
	Please return the enclosed cancelled single designated by the above permit number to the said bond in your behalf, in order that they records.	bond which	n covered the well empany who executed you credit on their
	Your well record was received and reclamation accordance with Chapter 22, Article 4, Section will remain under bond coverage for life of the cover	n requirement on 2, the the well.	ents approved. In above captioned well

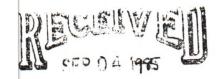
In Re: PERMIT No:

FARM:

Very truly yours,

Theodore M. Streit, Administrator Office of Oil & Gas-Dept. M09\\$5/2023





DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

State of West Birginia

Bepartment of Mines Energy

Gil and Gas Bivision

Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
November 19 1984

	November 19,	1984		
COMPANY	Sterling Drilling & Prod. Co.	PERMIT NO	087-3378-REN (11-69	-9
710 Vi	rginia Street, East	FARM & WELI	L NO Herbert Suttle #421	
Charle	ston, West Virginia 25301	DIST. & CO	UNTY Smithfield/Roane	
			TN COMPLEANOR	
RULE	DESCRIPTION		IN COMPLIANCE YES NO	
23.06	Notification Prior to Starting Work		I.	
25.04	Prepared before Drilling to Prevent	Waste		
25.03	High-Pressure Drilling	waste		
16.01	Required Permits at Wellsite			
15.03	Adequate Fresh Water Casing			
15.02	Adequate Coal Casing			
15.01	Adequate Production Casing			
15.04	Adequate Cement Strenght			
15.05	Cement Type			
23.02	Maintained Access Roads			
25.01	Necessary Equipment to Prevent Waste			
23.04	Reclaimed Drilling Pits			
23.05	No Surface or Underground Pollution			
23.07	Requirements for Production & Gather	ing Pipelines		
16.01	Well Records on Site		V	
16.02	Well Records Filed			
7.05	Identification Markings			
I HAVE I	NSPECTED THE ABOVE CAPTIONED WELL AND	RECOMMEND THA	T IT BE RELEASED:	
		OV	010 1-	1
		SIGNED	mes the Korghest	4
		DATE S	-29-85	
with Char	l record was received and reclamation oter 22, Article 4, Section 2, the about	requirements a	approved. In accordance	
coverage	for the life of the well.	7-6	126	
		Administrato	or-Oil & Gas Division	
		S	September 10 1985	

DATE

Permit No. 087-3378

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES



INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

DEPT. OF MINES

	Establisher and the second of the		The second second second second	The state of the s
Company Sterling Dielling	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address Chas, W.OA.	Size			Jack de terkono n
Farm Herbert Suttle	16	Angelon on the transfer		Kind of Packer
Well No Settle # 421	13			Size of
District Smithfield County Roane	81/4			
Drilling commenced	6%		and savenies of the	Depth set
Drilling completedTotal depth	5 3/16		- 46.	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. inInch				Perf. bottom
VolumeCu. Ft.	CASING CEMEN	TED	_SIZE	No. FTDate
Rock pressurelbs,hrs.	NAME OF SERV	VICE COMPA	NY	
Oilbbls., 1st 24 hrs.	COAL WAS ENC	COUNTERED	AT	FEETINCHES
Fresh water <u>feet</u> <u>feet</u>	FEET_	INCH	ES	FEETINCHES
Salt water feet feet	FEET_	INCH	ES	FEETINCHES
Drillers Names Status Report	The second secon	the second second second	*****	: was As w
Remarks: -3-85- Reclamation done	well, Ras	luen,	seeded	+ mulched,
lut no geass grow	eng, one g	celly we	sheng	an lower
slape of low, culve	uts stappe & mulched	d up of	1 to s	terling about

The Extends The Forth and to have " to be

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

YANY Y			ADDRESS						
	ADDRESS								
ARM	COUNTY								
lling Material Used				3. (1.)					
ner Lo	cation	Amount	Packer	Location		The same			
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CABIN	G AND TU	BING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOS			
				100	4				
				1					
	1								
			•						
llers' Names									
narks:									
			e well on this date.						

051 892 OCT 26 1983

OIL & GAS DIVISION DEPT. OF MINES

David Gillespie PAT-

50P#421-Ren.

47-087-3378

formerly

From the desk of

(See Reverse)	
SHARON NICHOLS	
Street and No. P. O. 30 x 8	
P.O., State and ZIP Code LIN DEN, W.V. 252	256
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Optivery	
TOTAL Post and Pees	172
Postmark or Date	
1983	
25301	
Secretary of the second	

421 522

P

SUBMITTED 10/18/83

CURRENT SURFACE OWNER SHARON NICHOLS

CERTIFIED MAIL RECEIPT ENCLOSED.

LINDEN, W.U. 25256

P.O. BOX 8

09/45/2023 CT 2 6 1983 OIL & GAS DIVISION DEPT. OF MINES

Sterling Drilling and Production Co., Inc.

P 522 051 931

Sent to
HERBERT S. SUTTLE
Street and No.
940 NHITAKER RO.
P.O., State and ZIP Code
BELLE GLADE, FLA.
Postage \$
Certified Fee

Special Delivery Fee
Restricted Delivery Fee
Return Receipt Showing to whom and Date Delivered
Return Receipt Showing to whom and Date Delivery
TOTAL Postage and Fees
Postmark or Date
NO 153

NO 153

OCT 1 8 1983

OIL & GAS DIVISION
DEPT. OF MINES

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION DRILLING CONTRACTOR (IF KNOWN) Clint Hirt and Associates Address P.O. Box 388 Elkview, West Virginia 25071 GEOLOGICAL TARGET FORMATION DEVONIAN SHALE (Brown) Estimated depth of completed well 4500 Approximate water strata depths: Fresh, feet. Rotary / Cable tools feet; salt, Approximate coal seam depths: Is coal being mined in this area: Yes No X / CASING AND TUBING PROGRAM CASING OR SPECIFICATIONS FOOTAGE INTERVALS CEMENT FILL PACKERS TUBING TYPE Weight For Dril- Left in UP OR SACKS Size | Grade |per ft |New |Used ling Well Cubic ft. Conductor Kinds Fresh water 9 5/8; 33# £50° X 250° To Surface Coal Sizes Intermed. 20# 2200 2200° 100 sks into 94/8 4 1/2 ERW Production 10.5# 250 sks & Depths Tubing Liners Perforations: Тор Bottom NOTE: 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 822-i-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 \$22-6-8a from the owner of any water well or dwelling within 200 feet of the proposed well. 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. THIS PERMIT MUST BE POSTED AT THE WELL SITE All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for Drilling Renewed . This permit shall expire if operations have not commenced by 8-21-82 The following waiver must be completed by the coal operator and by any coal owner or eal lessee who has recorded a declaration under Code \$22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof: WAIVER / lessee The undersigned coal operator / owner / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map of 15/2023 signed has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regularions. Date:

Its:

(Revised 3-81)



Well No. 421
Farm SUTTLE
API #47 -087 - 3378 REN.
Date December 3, 1981
Formerly 47 - 087 - 3378

STATE OF WEST VIRGINIA OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: 0i1/ Gas_X_/	50 and . 3.5
(If "Gas", Production X /	Underground storage / Deep / Shallow X /
LOCATION: Elevation:973.70 Water	ershed: Hayes Run
District: Smithfield Cour	ty: Roane Quadrangle: Tarif 7.5
STERLING DRILLING and PRODUC	TION CO., INC.
WELL OPERATOR	DESIGNATED AGENT Charlie E. Moore
Address360 Madison Ave., Fifth Floor	Address Rt. 1 Box 30
New York, New York 10017 OIL AND GAS	Duck, West Virginia
ROYALTY OWNER Herbert S. Suttle	COAL OPERATOR Unoperated
Address 940 Wittaker Rd.	Address
Belle Glade, Fla/	
Acreage 114	
La series 13 / La CO	COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER Herbert S. Suttle	NAME Unknown
Address Same ' Marco	Address
the sound of the s	
Acreage 114	NAME
FIELD SALE (IF MADE) TO:	Address
NAME	
Address	COAL LESSEE WITH DECLARATION ON RECORD:
	NAME
48	Address
OIL AND GAS INSPECTOR TO BE NOTIFIED:	
NAME Ricard Morris	
Address P.O. Box 372	
Grantsville, W.V. 26147	
Telephone 354 - 7259	
The undersigned well operator is enabove location under a deed/ lease to the undersigned well operator from	has been recorded:) LEASE # 095 - 006
12) bara deed, ready of white communication	All provisions being in accordance with Chapter 22
Recorded on July 16 , 1980 , in the	e office of the Clerk of County Commission of
	This permit shall expire if
	in 153 Book at page 741. A permit is
requested as follows:	eper / Redrill / Fracture or stimulate /
	on / Perforate new formation /
Other physical change	
other physical change	The west (spectry)
planned as shown or	n the work order on the reverse side hereof.
	er(s), and coal lessee are hereby notified that any
	ired to make by Code \$22-4-3 must be filed with the
	days after receipt of this Application by the Dept
	he enclosed plat and reclamation plan have been
	by hand to the above named coal operator, coal own-
	e day of the mailing or delivery o09/mli5/2028icatio
to the Department of Mines at Charleston	
PLEASE SUBMIT COPIES OF ALL	CHERT INC. DRILLING and DRODUCTION GO. INC.
GEOPHYSICAL LOGS DIRECTLY TO:	STERLING DRILLING and PRODUCTION CO., INC
MEET MIDGINIA OIL AND CAS	Well Operator
WEST VIRGINIA OIL AND GAS	By: Warle to Moon
CONSERVATION COMMISSION 1613 WASHINGTON ST., E.	By: Warks to Moore
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1613 WASHINGTON ST., E. CHARLESTON, WV 25311 Telephone - 304/348-3092	Its: DESIGNATED AGENT
CHARLESTON, WV 47711	Itc. protuniting udania
Telephone - 304/348-3092	Its: Designates Addition



1)	Date:	December	2	, 19	82
2)	Operato	=10			

2) Operator's Well No. Suttle #421 - Ren.
3) API Well No. 47 - 087 - 3378 - Ren.

ORILLING CONTRACTOR:	The state of the s
	STATE OF WEST VIRC

UNKNOWN			D	EPART		TE OF WEST V	IRGINIA AND GAS DIVISIO	ON.	State	County
AT THIS	TIME	012 TO 18	regardle	OIL	AND GAS	WELL PERM	IT APPLICATION	abura L		am 'uO'' (Ala
ag to nonestal	mos la H			Sarriy	ds and v	other metre	hore vishilite y	d umo		law adi tasi
4) WELL TYPE	: A Oil	DEUL 19	_/ Gas _	X	a ta juliai	He sone of	reservoirs: "Clas	punous	rabuu tovi	ist it totals
5) LOCATION:	B (If "	Gas", Pro	duction _			Underground Watershed:	Hayes Run	_/ De	еер	_/ Shallow _X/)
s) Location.	Distric	t: Smi	thfiel	d	154 6	County:	Roane	Qu	adrangle:	7.5' Tariff
	ATOR ST	erlin	g Dril	ling	& Pro	od. Co., 1		AGENT	Harry	L. Berger, Jr.
Address 3	60 Madi		31-9-2-00 C07-256-27-V-1/36-96-1-C		Management Process State of Landson	a sa uu Luurusegn A x sa mastu aa	Address	ACCORDING TO SELECT CO.	of S. Che Steel Marks State Confine and Change	nia St., E.
7) 011 0 015	New Yo	ork, No	ew Yor	k I	0017			Ch	arlestor	n, W.V. 25301
7) OIL & GAS ROYALTY O	WNER I	lerber	t S. S	utt1	6	Y y	12) COAL OPERA	TOR	UNOPERA	ATED
Address		hitak				arion, compa	Address	er oc	St Jimosit	8.570198. (d
		Glade	e, Fla					S TODAY	antana)	0370781 <u>8</u> 97
Acreage	114	K A								ATION ON RECORD:
8) SURFACE O		lerber Same	t S. S	utti	e	_ half?	Name	UN	KNOWN	र माञ्चामी (ह
Address		dille			10)	IS CE	Address			Isnocido 19
Acreage	114	+			181	15000	Name			
9) FIELD SALE	(IF MADE	E) TO:			41		Address	777	*****	Section 1. 1
Address	II CHE IOU	wa zo m	as de la constant	S-QIII	CIO SUITE O	06	1982	16.3023	ia DUJETOR	Oledo, (SI
	NGDECTO	D TO DE	NOTIFIE			96.	14) COAL LESSEE	WITH	DECLARAT	TION ON RECORD:
10) OIL & GAS I						Oil o co		Alega Visit		
Name Hom	Linder	Rt.	Box 3	- A	DF	PT	IVISIAddress MINES	140.01	go tew n	107, 220 97 (CI
deno none en os	Looney	ville	W.V.	252	59	WOON SILIF	MINES	THURST	CONTRACTOR	MINTON W
15) PROPOSED	WORK:	Drill_X		Drill o	leeper	/ Redri	ll/ Frac	ture or	stimulate	VI might
							new formation	1000	/aumoli Lo	inglaitmA (#1
									T to thirty	tox isa (*)
16) GEOLOGICA	denth of a	T FORMA	TION, _	500	N SHAL	1918W Jibles	owollada bug na	echywar	ำ สัดเรียกกับไป	of disease (8)
18) Approxim							salt.			olevation
							al being mined in the			No X
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CASING OR TUBING TYPE			CIFICATIO	1	1		GE INTERVALS	0	R SACKS	PACKERS
Conductor	Size	Grade	per ft.	New	Used	For drilling	Left in well	(0	Cubic feet)	21) (ode 2 =
Fresh water	9 5/8	LS	33#	X	talts - Et	350'	350'	To	Surface	Kinds
Coal Tribidity	ements b	en a leu	овтино	agin.	Liggs is	dis to salie	is at some its		Juliace	Sizes
Intermediate	7''	J-55	20#	X	photel	2200'	2200'	100	sks	i pr
Production	4 1/2	ERW	10.5	X	95 ng 18	sel dans desc	4500'	250	sks	Depths set
Tubing							Libsbroom at 1	10 10	to sair tean	of the second
Liners		1987	RUD 10	2871	120650	ia to shoracyr	11 TO FAR CO. SHE 36	9 50130	70220 1877	Perforations:
							1000		a faller	Top Bottom
(V-2 must be fi	of Porns	signo u	olibna	igina	atine of	di zabiyorg z	on Mile institute	TIGE E	to SUT no	23) Regulation
21) EXTRACTIO					g major i			su, mon	he Disparts	ed with t
Check and pro			A PARTY OF THE PAR			m ned thereo		A VO D	edinosong a	
						see reverse side f	by which I hold the for specifics.)	right to	extract oil oi	
22) ROYALTY P	ROVISION	S 005 m	dire se		10. Hew	atalaw una Ar	and we are the	10.2	(8 at 65 g	
Is the right to	extract, pro	duce or ma	arket the c	oil or ga	s based up	oon a lease or oth	ner continuing contra	ct or con	tracts providi	ng for flat well royalty or any
produced or n				vner of	the oil of	gas in place w	nich is not innerenti	y related	to the volum	ne of oil or gas so extracted,
If the answer above	e is No, not	hing addi		eeded.	If the ans	wer is Yes, you	may use Affidavit F	orm IV-	50.	than of
23) Required Cop. 24) Copies of this			nd the en	closed	nlat and r	eclamation plan	have been mailed by	register	ed mail or de	livered by hand to the above
named coal op	erator, coa	l owner(s)	, and coal	lessee	on or bef	ore the day of the	he mailing or deliver	y of this	Permit Appli	ication to the Department of
Mines at Char	leston, Wes	t Virginia.	1 1-				//	4.	1	1 10000/1
Notary: Ma	my /1/	Rill	ospil	40 p	ng nover	ago isopisii	Signed:	an	JX.	buger 9
My Commission	Expires	May 1	0, 198	9	mind off	HALLING SEE	Its: Des	ignat	ed Agent	Cests Off
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						HILLING PE				
Permit number	47-087-	3378-1	REN.						Decembe	er 09/15/2023 82
i location bas e	s this we	brulleo,	a anti To			Serol Co.	при мо		Dat	「大学の必要を対象をは過ぎるとなって、またがあると、「大学者をよっています。」
										ce with the pertinent legal re-
Refer to No. 10) Pr	ior to the co	onstruction	n of roads	, locati	ons and pi	ts for any permi	tted work. In additio	n, the we	ll operator or	his contractor shall notify the
proper district oil a	ind gas insp August			re actu	al permitt				B IS BUYE	operator and compute
remit expires		-			Conin		Irilling is commenced	prior to	hat date and	prosecuted with due diligence.
Bond:	Agent	OK	Plat:		Casing	3695	-	1	1	2

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

Administrator, Office of Oil 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).

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- 23) 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.
- 24) The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

NEVA PROPERTY

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		WAITER	
The undersigned coal operator	/ owner	/ lessee	
			ea of the well location, the well location has been sed to be done at this location, provided, the well
			a Code and the governing regulations.
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