FORM IV-2 (Obverse) (08-78)

TELEPHONE: (304) 348-3092



Date: May 12, , 19	81
Operator's Well No. 1-S-183	
API Well No. 47	1948

State

County

Permit

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

		OII. AN	D GAS WELL PERMIT		
WELL TYPE:	Oil /	Gas X/			
				/ D	eep/ Shallow/)
LOCATION:					ttle Kanawha
					uadrangle: Ivydale
WELL OPERATOR					O. V. Stonestreet
		350			P.O. Box 350
		WV			Spencer, WV
OIL & GAS		rnold		ATOR	None
Address	Nebo,		Address		
	West Vi	rginia			
Acreage -	and the same			R(S) WITH	H DECLARATION ON RECORD:
Acreage		Snodgrass			DEPENDENCE PROPERTY
					15050 V C
		inaini			MAY 1 .
		irginia			MAY 1 3 1981
					OIL & GAS DIVISION
FIELD SALE (IF			Address		DEPT. OF MINE
Address	Not made				
	COTOR TO RE	NOTIFIED			DECLARATION ON RECORD:
OIL & GAS INSPE					
				-	
		554			
_	Clendenin,	, WV			
The undersigned v	well operator is en	titled to operate for o	oil or gas purposes at the above	location ur	nder a deed/ lease X
other contract	/ dated _Jan	, 19 , 19	81 , to the undersigned	well opera	tor from W. G. Arnold
(IF said deed, lease	or other contra	act has been recorde	ed·)		
the state of the s				mmission o	of <u>Clay</u> County, Wes
			595 . A permit is reques		
			/ Redrill/ Fra		
TROTOSED WOL			Perforate new formation		imulate/
	Other physic	al change in well (s	pecify)		
	—nlanned as	s shown on the worl	order on the reverse side h	rereof	
The above mamed					
					on they wish to make or are required to the receipt of this Application by the
Department.	-5 must be med	with the Departmen	of Milles within fifteen (13)	days after	the receipt of this Application by the
	nit Application an	d the enclosed plat a	nd reclamation plan have been	mailed by	registered mail or delivered by hand to
					delivery of this Permit Application to
the Department of 1					a servery or unit a vermit reppression to
PLEASE SUBMIT C	OPIES OF ALL				10/06/2023
GEOPHYSICAL LO			CL	octuret	Landa C
TO:			Stone	estreet	Lands Company Well-Operator
WEST VIRGINIA ( CONSERVATIO				101	HHAI
SION 1615 WASHINGTON		DIRECT F	By	/ (/ ×	muy
CHARLESTON. WV		BLANKET B	Its	Presiden	it

## PROPOSED WORK ORDER

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

DRILLING CO	ONTRAC	TOR (IF	KNOW	N) _	1	Not known a	at this ti	me	
				Ad	dress				
								Water -	
GEOLOGICAL	L TARGE	T FORM	MATION	,	Big	Injun			
Estimate	d depth	of comp	leted we	11,	2152	fee	et Rotar	y X / Cal	ole tools/
Approxi	mate wat	er strata	depths:	Fres	h,	75 feet	; salt,	feet.	
Approxi	mate coal	seam de	epths:	No	ne	Is coal	being mined	in the area? Yes_	/ NoX /
CASING AND	TUBING	G PROG	RAM						
CASING OR TUBING TYPE	SPE	CIFICATI Grade	ONS Weight per ft	New	Used	FOOTAGE For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds
Fresh Water	8 5/8	T & C	28.55		X	210	210	Cement to surf	Face None
Coal						77,00			Sizes
Intermediate		2,752		4 7					
Production	4 1/2	K-55	10.5	Χ			2152	70 sks. thru	Depths set None
Tubing								salt sand	
Liners	10 7								Perforations:
									Top Bottom
					2, -1	A CONTRACTOR			
the D presc "Rec previ Code	epartmen ribed by lamation ously paid § 22-4-8a separate F art of the v	t, accomp Regulation Plan'', a l on the s l from the orm Iv-2 s work for w	panied by on 12, or pplicable ame well e owner shall not which a portion of the property of th	(i) a r in li to th to th, the foof an be requermit in the Choraby (contract)	plat in leu the e recla ee reque y water sough / ELL Supter support	the form presonere of the other mation required by Code § r well or dwell or fracturing on the and is noted.	eribed by Regue security allowed by Code \$ 22-4-12a, and ling within 20 stimulating a	our copies of Form IV-2 dation 11, (ii) a bond wed by Code § 22-4- 22-4-12b and Regulat (v) if applicable, the con- 0 feet of the propose well where fracturing a Form IV-2 filed in con-	in one of the forms 2, (iii) Form IV-9, ion 23, (iv) unless consent required by d well. or stimulating is to
operations have	119								
Deputy Dir	rector - O	il & Gas	Division						
		•••	•••••	•••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •		
The	following aration ur	waiver m ider Cod	ust be core 22-4-	mplete 20, if	ed by the	ne coal operator ermit is to be	and by any co	al owner or coal lesses fifteen (15) days of r	e who has recorded a receipt thereof.
						WAI	VER		10/06/2023
The undersign	ned has no	o objection	map exis	work	propos	ers the area of	the well location	on, the well location has	well location has examined this as been added to the mine map. operator has complied with all
							04100	Down in	
Date:			, 19				Ву	arrendati	

D	ate	L	/12		19 8		
Well	No.	1-5	5-	183			Ha Ha
API	No.	47	-	015	-	1940	P
	3	tate	C	ounty		errili	

# STATE OF WEST VIRGINIA

Company Name	STONESTREET LAND	S CO.		Agent B.J		il seco
Address	SPENCER, W.VA.		Addres		Spencer	
Telephone	927 - 2800		Teleph	one 927	- 4478	<u> </u>
Landowner	THELMA SNOD		and in vari	TOWN DAY	5 1 2 - 1 5 20	sketch t
	on to be carried ou				NY	(Agent)
This plan	has been reveiwed by	y E	ELK	SCD.	All cor	rections
and addition	ons become a part o	f this plan	· 4-15	-811	(SCD A	Berly vent)
			\\-			Secretaria de la compania del compania del compania de la compania del la compania de la compania dela compania dela compania dela compania dela compania dela compania del
	Access Road			Location		
Structure	Culvert	(A)	Structure	Diversi	on Ditch	1 (1)
Spacing D	iameter		Material	(Eart	h)	
Page Ref. Man	nual		Page Ref.	Manual		
Structure	Water Bar	(B)	Structure	Rip Rap		(2)
Spacing			Material	Rock		
	nual I-11		Page Ref.	Manual	N/A	
Structure .	Rip Rap	(C)	Structure		7	THE PREPARED
	N/A		Material			PAR SELV FILL
Page Ref. Mar			Page Ref.	Manual		
All etructi	res should be inspe	ected repul	arly and ren	aired if n	ecessary	. MAY 1 3 1981
Lime or correct	Treatment Area I	Tons/acre	Lime	Treatment		DEPT. OF MINES
Fertilizer (II	500 0-20-20 or equivalen	lbs/acre	Fertilizer	600 10-20-20 c	or equiva	lbs/acre lent)
Mulch	Hav	Tons/Acre	Mulch_	Hay		Tons/Acre
	31 - 30	lbs/acre	Seed* K	y 31-30		lbs/acre
<u>W.</u>	Lovegrass Treefoil	lbs/acre lbs/acre	W.	Lovegras Treefoi	9	lbs/acre
*Inoculate al bacterium.	ll legumes such as v Inoculate with 3X re	vetch, trefo ecommended a	oil and clov	ers with t	the proper	
Attach or pl	notocopy section of	involved To	opographic m	ap. Quad	rangle_I	TYPALE 7.5'
Legend:	⊕Well Site			2.4		
	Access Road		inani data			Towns Co.
Y ( Lorr	TON	ioneo	<b>D</b>		CHLOE 6 MI	2'30"

.nosess sniwors and tot satisfies were traffer of notiference precipate! tensor 1 BOX BOX 102A SPENCER, W.VA. 927-4478
ITCSS Signature: ROADS MAINTAINED BY STONESTREET LANDS AFTER CONSTRUCTION Comments: SEED MIXINKE II - OVER 15% (1) LID ( TIT In) FARE SHE MERIE (2) PARC Rel. Me Det. (Larth) Spacing Diameter Diversion Ditch Access Road and additions become a part of this plan. This plan has been revelwed by SCD. All retreection wellsite, drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage, as of noisespens Sketch to include well location, existing access road, roads to be constructed, I.I.A. TOTAL STATE Company Name STONESTREET LANDS CO. Designated Age. 25. Севи CAN AND AN STATE WAterway - sqiq nisad awar waruwaca Planned Fence --Building ... Existing Fence -Met Spot Road = = = = ←O builds redeug: Property Boundry A Diversion .....

48 hours shut in

(Continue on reverse side)

- 5-15	
IV-35	JULEV CIT
IV-35 (Rev 8-81)	
6	HIM 6 1083

Static rock pressure

9	
-	
1 8	
Page 1	
J	

State of Mest Wirginia

Department of Mines Gil and Gas Division

	Date	March	16,	1982	)
ľ	Operator's Well No.	s 1-9	5-183	3	
	Farm W.	G. Arr	nold	****	Malker's horge in a spiriter
	ANT N. 47	and the party	715		1010

OIL & GAS DIVISION
DEPT. OF MINES

	WELL OPERA	TOR	S REPORT			
	DRILLING, FRACTURING AND/OR S		JLATING, (	OR PHYSICA	L CHANGE	
		AND SHAPE OF THE PERSON NAMED OF	ALTERNATION OF THE PROPERTY OF	And the second s		
WELL TYPE:	Oil / Gas X / Liquid Inject (If "Gas," Production X / Under	tion grow	/ Wast	te Disposa ge/ Dec	1_/ p_// Sha	allow/)
LOCATION:	Elevation: 1105 Watershed	We	st Fork o	f Little K	lanawha	
	District: Otter County					e
	Aprile de la constant de partir de la constant de l					
COMPANY St	onestreet Lands Company	************	********************************			
Market Property	O. Box 350 Spencer, W.Va. 25276		Casina	Upod in	T - 64	Cement
	AGENT 0.V. Stonestreet		Casing	Used in		fill up
	O. Box 350 Spencer, W.Va. 25276		Tubing	Drilling	in Well	Cu. ft.
SURFACE OW	NER Thelma Snodgrass		Size 20-16 Cond.			
-	Chloe, W.Va.		13-10"			
	GHTS OWNER W.G. Arnold	•	9 5/8			
	Nebo, W.Va.		8 5/8	200	200	60 sks
	S INSPECTOR FOR THIS WORK Martin		7			
-	ADDRESS P.O. Box 554, Clendenin		5 1/2			
	UED May 13, 1981		4 1/2		2191	70 sks rfo
	OMMENCED 8-4-81		3	-		
DRILLING CO	OMPLETED 8-10-81		2			The state of the s
CONTINUOUS	BLE: PLUGGING OF DRY HOLE ON PROGRESSION FROM DRILLING OR VERBAL PERMISSION OBTAINED		Liners used			
GEOLOGICAL	TARGET FORMATION Big Injun		Of the control of the	Dept	h 21	96 feet
		R	otary X	/ Cable	Augmentures relativisate risolare	And Strate Assessment
Water	75		Salt	feet		
	seam depths: None		, separate resistant provide the set	being mine	d in the	area? No
	the second secon				,	Court Court of Court
OPEN FLOW I					. 0170	
	cing formation Big Injun	Market James			The state of the s	the special entries come approximation.
GdS:	Initial open flow Show Mcf/d				,	Bbl/d
	Final open flow 450 Mcf/d				and the second distribution of the second	Manager of the Control of the Contro
	Time of open flow between in			-	Anna de la constitución de la co	
	c rock pressure' 480 psig(surf			ent) after	48 hou	rs shut in
	pplicable due to multiple completi			oduction t	est co-mi	ngled
	d producing formation Blue Monday	colputed of school	Pay	zone dept	_h	feet
Gas:	Initial open flow Show Mcf/d				ALL PRODUCTOR AND AND ADDRESS OF TAXABLE PARTY.	6/20231/d
	Final open flow 450 Mcf/c	E	Oil: Fin	al open fi	Low_	.5 Bbl/d
	Time of open flow between in	niti	al and fi	nal tests	7 ho	urs

480 psig(surface measurement) after

FORM IV-35 (REVERSE)

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

Perforation Intervals

1990-2178

Well Treatment

J-266 350 lbs. 20/40 Sand 30,000 lbs. W-22 Anti-sludging 36 gals. L-53 Clay control agent 20 gals. F-78 Ezeflo surfactant 8 gals. 15% acid HCL 2000 gals. 500 bbls. water A-200 Inhibitor 4 gals.

## WELL LOG

	a V		REMARKS				
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	Including and salt	indication	of all fresh		
Clay	0	25	Comment of the Commen	the state of the state of the state of	The same of the sa		
Sand & Shale	25	45					
Red Rock	45	135					
Sand & Shale	135	175					
Red Rock	175	235					
Sand & Shale	235	285					
Red Rock	285	320					
Sand & Shale	320	400					
Red Rock	400	475					
Sand & Shale	475	505					
Red Rock	505	560			41.7		
Sand & Shale	560	600					
Red Rock	600	630					
Sand & Shale	630						
Shale		675					
Sand & Shale	675	720			•		
Shale	720	795					
Sand & Shale	795	845					
	845	900					
Shale	900	955					
Sand	955	1000					
Sand & Shale	1000	1038	-				
Shale	1038	1042					
Sand &Shale *	1042	1076					
Shale	1076	1094					
Sand & Shale	1094	1122					
Shale	1122	1298					
Sand & Shale	1298	1350			1147 1		
Shale *	1350	1506					
Sand & Shale	1506	1608					
Shale	1608	1614					
Sand & Shale	1614	1640					
Shale	1640	1658					
Sand & Shale	1658	1744					
Shale	1744	1800					
Salt Sand	1800	1880					
Shale	1880	1920					
Salt Sand	1920	1962		1			
Little Lime	1962		Continue				
=. oore Erine	1902	1990	continued	on attached	sheet		

(Attach separate sheets as necessary)

By: General Manager

Date: December 23, 1981 10/06/2023

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 weal, encountered in the drilling of a well."

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

## WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all freshand salt water, coal, oil and gas
Blue Monday Pencil Caves Big Lime Kenner Big Injun	1990 2001 2024 2080 2104	2001 2024 2080 2104 2196	TD

(Attach separate sheets as necessary)

Stonestreet Lands Company

Well Operator

Ceneral Manager

Date: December

10/06/2023

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."

C/AY- 1948



IV-35 (Rev 8-81)

# State of West Birginia

Department of Mines Gil and Gas Division

Date	March	16, 198	32
Opera	tor's		and the second and displacements or throughout displacements.
Well	No.	1-S-183	-
Farm	W.G.	Arnold	
ADT N	47	015	1948

## WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

			-	
District: County	Principal agent (passage) and the company of a charle (passage) and	Quadrangl	e .	appropriate formation and organizations should provide provide
		:)	j.	
COMPANY	Principal considerancia del alcono collecto de la considera de la considera de la considera de la considera de En Calago de Agrico de la calago de la considera de la collecto de la considera de la considera de la considera			
		<b>1</b>	<u> </u>	Cement
ADDRESS DESIGNATED AGENT	Casing	Used in		fill up
ADDDDCC	Tubing	Drilling	in Well	Cu. f.t.
SURFACE OWNER	Size 20-16			
ADDRESS	Cond.	-		
MINERAL RIGHTS OWNER	13-10"			
ADDRESS	9 5/8			A COMPANY OF THE PARTY OF THE P
OIL AND CAS INSPECTOR FOR THIS WORK	8 5/8	-		
ADDRESS	7	-		
PERMIT ISSUED	5 1/2			
DRILLING COMMENCED	4 1/2	-		
DRILLING COMPLETED	3			
IF APPLICABLE: PLUCGING OF DRY HOLE ON	2			- simulatus en som municipa von plantalistis general physiological
CONTINUOUS PROCRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners used		The second secon	
ON	A the state of the	1	- Contraction and the Contraction and	Annual transport of the section of t
GEOLOGICAL TARGET FORMATION		Dept	:h	feet
Depth of completed well feet		_/ Cable	Tools	
Water strata depth: Fresh feet	Salt	feet		
Coal seam depths:	Is coal	being mine	d in the	area?
DPEN FLOW DATA				
Producing formation	Pav	zone dept	h	foot
Gas: Initial open flow Mcf/d	Oil: Tni	tial open	flow	Ph1 /d
	Die	al open fl	OW	Bbl /d
Final open flow Mcf/d	L II	where and In mad & ye of		
Final open flow Mcf/d			ha	17°C
Final open flow Mcf/d Time of open flow between in:	itial and fi	nal tests	-	
Final open flow Mcf/d  Time of open flow between in:  Static rock pressure ' psig(surfa	itial and fi ace measurem	nal tests	-	
Final open flow Mcf/d  Time of open flow between in:  Static rock pressure ' psig(surface)  (If applicable due to multiple completion)	itial and fi ace measurem on)	nal tests ment) after	hou	rs shut ir
Final open flow Mcf/d  Time of open flow between in:  Static rock pressure ' psig(surface)  (If applicable due to multiple completion  Second producing formation	itial and fi ace measurem on) Pay	nal tests ent) after zone dept	hou	rs shut in
Final open flow Mcf/d  Time of open flow between in:  Static rock pressure ' psig(surfa  (If applicable due to multiple completion  Second producing formation  Gas: Initial open flow Mcf/d	itial and fi ace measurem on) Pay Oil: Ini	nal tests_nent) after zone dept tial open	hou h	feet
Final open flow Mcf/d  Time of open flow between in:  Static rock pressure ' psig(surface)  (If applicable due to multiple completion  Second producing formation	on) Pay Oil: Ini Oil: Fir	nal tests_nent) after zone dept tial open nal open fl	hou h flow 10/	feet 06/2023/d

DI5-1948



OIL AND GAS WELLS DIVISION

OIL & GAS DIVISION DEPT. OF MINES

## INSPECTOR'S WELL REPORT

remit No.					Oil or	Gas Well			
Company STONES	TREET LANDS	Co.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKE	RS		
Address SPENCE			Size						
Farm THELMA			16		A	Kind of Pack	er		
Well No 1-5-1	83		10		20/20	Size of			
District DTTER	County Ch	AY	81/4			Size of			
Drilling commenced			65/8			Depth set	7/1		
Drilling completed	Total depth_		5 3/16			Powf ton			
Date shot	Depth of shot		2			Perf. bottom			
Initial open flow	/10ths Water i	nInch	Liners Used			Perf. top			
Open flow after tubing	/10ths Merc. in	Inch				Perf. bottom_			
Volume		Cu. Ft.	CASING CEMEN	NTED	SIZE	No. FT	Date		
lock pressure	lbs	hrs.	NAME OF SER	VICE COMPA	Y				
Dil	bbls.,	1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	_INCHES		
Fresh water	feet	feet	FEET_	INCH	ES	FEET	LINCHES		
Salt water	feet	feet	FEET_	INCH	ES	FEET	INCHES		
Orillers' Names									
Remarks: NO	RECLAIMATI	(20)	2000				,		

### STATE OF WEST VIRGINIA

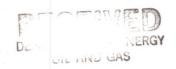
## DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

# INSPECTOR'S PLUGGING REPORT

Permit No.				Well No.			
COMPANY			ADDRESSCOUNTY				
FARM		DISTRICT					
Filling Material Used						5	
Liner L	oeation	Amount	Packer	Location			
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST	
7-27-100-100-100-100-100-100-100-100-100-10							
			A Sayon So				
						i negota	
A Property of the Control of the Con				90. X	medies	illa an il m	
remain per service and the ser			,				
897,311							
GIA -							
Orillers' Names							
Remarks:							





JAN 1 4 1986

## State of West Virginia Department of Mines (Dil and Gas Division Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT January 4, 1984

		January 4,	1984		
COMPANY	Stonestreet Lands Co	ompany	PERMIT NO _	015-1948	(5-13-81)
P. O.	Box 350		FARM & WELL	NO W. G.	Arnold, 1-S-18
Spenc	er, West Virginia 252	276	DIST. & COUN	NTY Otter/	Clay
RULE	DESCRIPTIO	1		IN COMPLI	IANCE NO
23.06 25.04 25.03 16.01 15.03 15.02 15.01 15.04 15.05 23.02 25.01 23.04 23.05 23.07 16.01 16.02 7.05	Notification Prior Prepared before Dri. High-Pressure Drill: Required Permits at Adequate Fresh Wate: Adequate Coal Casing Adequate Production Adequate Cement Stre Cement Type Maintained Access Ro Necessary Equipment Reclaimed Drilling I No Surface or Unders Requirements for Pro Well Records on Site Well Records Filed Identification Marki	lling to Preventing Wellsite Casing Casing enght  Dads to Prevent Wast Pits Ground Pollution Oduction & Gathe	- Waste		
I HAVE IN	NSPECTED THE ABOVE CA	APTIONED WELL AN	D RECOMMEND THAT	IT BE RE	LEASED:
			SIGNED Crai	a Duck.	oth
			DATE	8 86	3
with Char	l record was received oter 22, Article 4, S for the life of the	ection 2, the a	n requirements a bove well will r	emain und	In accordance er bond

Administrator-Oil & Gas Division

January 27, 150%06/2023

DATE

TMS/nw



# State of West Virginia Bepartment of Mines Oil and Gas Bivision Charleston 25305 FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT

COMPANY		PERMIT NO
		FARM & WELL NO
		DIST. & COUNTY
		IN COMPLIANCE
RULE	DESCRIPTION	Yes No
23.06 16.01 17.02 18.01 23.02 25.01 23.04 23.05 17.06 7.06 7.05	Notification Prior to Starting Required Permits at Wellsite Method of Plugging Materials used in Plugging Maintained Access Roads Necessary Equipment to Prevent Reclaimed Drilling Pits No Surface or Underground Pollu Statutory Affidavit Parties Responsible Identification Markings	Waste
		SIGNED
		DATE
Your Aff The well	idavit of Plugging was received designated by the above permit	and reclamation requirements approved. number has been released under your bond.
and the second	The time the same the	Administrator-Oil & Gas Division
		DATE

