FORM IV-2 (Obverse) (12-81)



			State		Coun	tv	Permit
API W	ell l	No.	47	_	017		3156
Operat Well N	or's	S	Es	stl	ack	No	. 3
Date:	Uc	to	be:	r	11	19	82

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

WELL TYPE:	Oil/ Gas X/	(Classes - D
	the demonstration of the second	Underground storage/ Deep/ Shallow _X/)
LOCATION:		Watershed: Pike Fork
	District: McClellan	County: Doddridge Quadrangle:Folsom 7.5 min.
WELL OPERAT	OR Swift Energy Company	
Address	P. O. Box 2201	
	Clarksburg, WV 26301	Weston, WV 26452
OIL & GAS ROYALTY OW	NER Sara B. Estlack, et al	COAL OPERATOR
	P. O. Box 156	
	Wallace, WV 26448	
Acreage	136.0	COAL OWNER(S) WITH DECLARATION ON RECORD:
	NER R. M. & E. L. Burdette	Name None
	5333 Gold Mine Rd.	
	Frederick, MD 21701	
Acreage	144.625	
	IF MADE) TO:	Address
Address	Unknown	
_		COAL LESSEE WITH DECLARATION ON RECORD:
OIL & GAS IN	SPECTOR TO BE NOTIFIED	Name
	Steven Casey	Address
Address		
The undersign	Jane Lew, WV 26378 Telephone: 884-7470	
other contract	/ dated <u>May 29</u> , 19_	81 , to the undersigned well operator from Golda Smith
Brent S. I	Estlack, Her nephew ease, or other contract has been recorded	4.0
		of the Clerk of the County Commission of <u>Harrison</u> County, West
Va., in		714 . A permit is requested as follows:
PROPOSED V		/ Redrill/ Fracture or stimulate/
T NOT OUD		Perforate new formation/
		pecify)
	Other physical change in wen (s)	years)
	—planned as shown on the work	order on the reverse side hereof.
The above nar		essee are hereby notified that any objection they wish to make or are required to
		of Mines within fifteen (15) days after the receipt of this Application by the
Department.	•	
	Permit Application and the enclosed plat ar	nd reclamation plan have been mailed by registered mail or delivered by hand to
the above name	d coal operator, coal owner(s), and coal les	see on or before the day of the mailing or delivery of this Permit Application to
the Department	of Mines at Charleston, West Virginia.	
		12/08/2023

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST CHARLESTON, WV 25311

TELEPHONE: (304) 348-3092

Swift Energy Company

Well Operator

By Designated Agent

PROPOSED WORK ORDER

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

Approximat		r FORM	4.TION	Ado	dress _				
Estimated d		FORM							
Estimated d		FORM			D	o= /E11-		<u> </u>	
Approximat	lepth o								
								X / Cab	le tools/
Approximat			1		er da	1000	salt,		
	te coal	seam de	epths: _		1000	Is coal	being mined in	n the area? Yes	/ No/
CASING AND T	UBING	PROG	RAM		177.				
CASING OR TUBING TYPE	SPEC	CIFICATI Grade	ONS Weight per ft	New	Used		NTERVALS	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor 1	1-3/4	H-40	42#		x	30	30		Kinds
resh Water	1 3/4	11 40	4211		1		30		<i>i.</i>
Coal									Sizes
	0.5.40		00"	-		1500	1500	G' 1	
		J-55		X		1500	1500	Circulate	Depths set
Production 2	4-1/4	3-33	10.5#	X			5700		Deptils set
Tubing				-					
_iners				-					Perforations:
			1 12 2			19.08			Top Bottom
			-						
A sep be part THIS PERMI	sly paid 22-4-8a parate Foof the v IT MUS ISIONS	on the state or the from the from the form Iv-2 work for the FC BEING	same well he owner shall not which a posted A IN ACC	be recommit THE ORDA	well	ired by Code so well or dwe or fracturing on and is noted. SITE. //TH CHAPTE	; 22-4-12a, and (illing within 200 r stimulating a vil as such on the	2-4-12b and Regulat v) if applicable, the confect of the propose well where fracturing Form IV-2 filed in confect.	onsent required by d well. or stimulating is to
						ERMIT SHALL			
BY	ONS	AVE N	Su	AMEN	CED BY	2-13-83	-		
The fo	llowing	waiver i	must be co	omplet	ted by the	ne coal operato	or and by any coa	al owner or coal lesse fifteen (15) days of	e who has recorded a receipt thereof.
						WA	IVER		
proposed well lo	cation. d has n	If a min	e map ex	ists when work	nich cov	ers the area of sed to be don	f the well location	on, the well location h	well location 02 2023 ed the as been added to the mine mall operator has complied with a
									-

IV-9 (Rev 8-81)

Attach separate sheets as



DATE 10-7-82 WELL NO. S. EstLack #3

State of Mest Airginia

API NO. 47 - 017 - 3/56

Beparlment of Mines Gil und Gas Bivision

COMPANY NAME SWIFT ENERGY CO.	DESIGNATED AGENT TIM BENNETT
Address P. O. Box 1933, Clarksburg,	WV Address Weston, W. Va. 26452
Telephone 622-7701	Telephone 304-269-3215
LANDOWNER Mr. Burdette	SOIL CONS. DISTRICT West Fork.
Revegetation to be carried out by	OPERATOR (Agent)
This plan has been reviewed by We	t John son. All corrections
and additions become a part of this plan:	10 8 82
γ	(Date)
	(SCD Agent)
ACCESS ROAD	LOCATION
Structure Culverts (A)	Structure Diversion Ditch (1
2-5% 500-300' 11-15% 200-100'	
Spacing .6-10% 300-200' 16-20% 100'	Material soil (2% max. slope)
Page Ref. Manual 2-7 (15" minimum I.	O.) Page Ref. Manual 2-12
Structure Drainage Ditch (B)	Structure Drilling Pit
Spacing To be constructed along road	. Material Soil
Page Ref. Manual 2-12	Page Ref. ManualN/A
Structure Cross Drains. (C) 2%-250' 10%-80' 20%-45'	Structure Sediment trap
Spacing 5%-135' 15%-60'	Material Soil
Page Ref. Manual 2-4	Page Ref. Manual 2-22
All structures should be inspected regula	orly and repaired if necessary. All
commercial timber is to be cut and stacked cut and removed from the site before dirt i	
Note: Drainage to be maintained after commence within 3 months after contents	completion of well and seeding to ompletion of well.
Treatment Area I	Treatment Area II
or correct to pH 6.5	YLime 3 Tons/acre or correct to pH 6.5
Fertilizer 600 lbs/acre	Fertilizer 600 lbs/acre
(10-20-20 or equivalent)	(10-20-20 or equivalent)
Mulch Hay 2 Tons/acre	Mulch Hay 2. Tons/acre
Seed* Ky-31 Tall Fescue 30lbs/acre	Seed* Ky-31 Tall Fescue 30 lbs/acre
Birdsfoot Trefoil 10lbs/acre	Birdsfoot Trefoil 10lbs/acre
Domestic Ryegrass 10lbs/acre	Domestic Ryegrass 10 lbs/acre
*Inoculate all legumes such as vetch, trefo Inoculate with 3X recommended amount.	oil and clovers with the proper bacterium.
ime according to pH test. PLAN.	DDFDADED BY Time A
	Swift Energy Company
NOTES: Places veriet landamana!	ADDDECC D O Roy 2201
NOTES: Please request landowners' cooperation to protect new	ADDRESS P. O. Box 2201 Clarksburg, WV 26301

IV-9 REVERSE (REV 8-81)

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE Folson 7.5

Well Site ()

Access Road -----



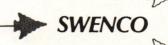
Sketch to include well location, existing access road, roads to be constructed, wellsit drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND Property boundary Diversion AMMINIM Road = = = = = Spring () Existing fence - x - x -Wet spot Planned fence -/- /-Building (# Stream \... Drain pipe O-+- O-Open ditch ------Swift Energy Co. S. Estlack #3 (existing mad utilized) Location icon ridge top wear a gas line v/w. The old road to the gas line extends to the ocation. Brush along 12/08/2023 he edges will be cut + tacked, culverts and itches will be installed and aintained. (drilled)

OPERATOR: Swift Energy Company
ADDRESS: P. O. Box 2201
Clarksburg, WV 26301
WELL: S. Estlack #3 Doddridge Co. WV
I,,(the above
designated owner, operator, or authorized representative
thereof) hereby verify that the owner or owners of the
mineral estate upon which this proposed well is to be located
will receive minimum one-eighth(1/8th) royalty payments for
any gas or oil extracted therefrom. //imfames Tim Bennett
State of West Virginia
County of Harrison, To-Wit:
Subscribed and sworn before me this // day of October
Subscribed and sworn before me this // day of October 19 62. Notary Public
My Commission Expires:

DATE: October 11, 1982

Swift Energy Company



Milford Street Extension · P.O. Box 2201 · Clarksburg, West Virginia 26301

(304) 622-7701

Please be advised that the Reclamation Plan and Plats for the Number 1 and Number 2 wells were sent to this corrected address as we received them back from the Dept. of Mines because of October 6, 1982 incorrect address: Doddridge 3126 and 3141.

Mr. Richard Burdette 5333 Gold Mine Road Gold Mine Estates Frederick, MD 21701

Dear Mr. Burdette:

RE: S. Estlack #3

Please be advised that Swift Energy Company has made application to the West Virginia Department of Mines for a drilling permit on your property.

For your information, we are enclosing a copy of the well plat and Reclamation Plan showing the location of the well and the access road across your land.

If you have any questions or if we can be of any help to you in this regard, please advise.

Yours truly:

SWIFT ENERGY COMPANY

SEC

Enclosure

RECEIVED

MAR 3 0 1983

OIL AND GAS DIVISION WYDEPARTMENT OF MINES



IV-35 (Rev 8-81)

March 21', 1983 Operator's Well No. State of West Virginia S. Estlack NO. 3 Farm Bepartment of Mines Gil und Cas Bivision API No. 47- 017 -3156

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIME	JLATING, O	R PHYSICA	L CHANGE	
WELL TYPE: Oil Gas XX/ Liquid Injection (If "Gas," Production XX/ Undergrou	/ Wast	e Disposa e/ Dee	l/ p/ Sha	illow(X_/)
ICCATION: Elevation: 1400' Watershed Pike				
District: McClelland County Doddr			€olsom 7	5
COMPANY Swift Energy Company				
ADDRESS P.O. Box 2201, Clarksburg, WV 26301	C			Cement
DESIGNATED AGENT Tim Bennett	Casing Tubing	Used in		fill up
ADDRESS 737 Karl Street, Weston, WV 26452	Size	britting	in Well	Cu. ft.
SURFACE OWNER R.M. & E.L. Burdette	20-16			
ADDRESS 5333 Gold Mine Road, Fredrick, MD	Cond.			
MINERAL RIGHTS CWNER Sarah B. Estlack, et al	13-10"	4-1		
ADDRESS P.O. Box 156, Wallace, WV 26448	9 5/8	1001	1001	465
OIL AND GAS INSPECTOR FOR THIS WORK	8 5/8	1821	1821	465
tephen Casey ADDRESS RT. 2, Box 232-D, Jane Lew	WV /2			
PERMIT ISSUED 10-06-82	5 1/2		5486	475
DRILLING COMMENCED 10-29-82	3		3400	47.5
DRILLING COMPLETED 11-03-82	2 3/8"			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used		5389	
GEOLOGICAL TARGET FORMATION Benson/Elk		Dept	h 5800	feet
Depth of completed well 5907 feet R	otary XX	/ Cable	Tools	
Water strata depth: Freshfeet;	Salt	feet		
Coal seam depths: 749			d in the	area?No
OPEN FLOW DATA				MO
Producing formation Benson/Riley	Day	zone dent	h 5400	Foot
Gas: Initial open flow N/A Mcf/d (Dil: Init	ial open	flow	feet
Final open flow 220 Mcf/d	Fina	l open fl	ω	Ph1/4
Time of open flow between initia	al and fin	al tests	4 hou	
Static rock pressure 1730 psig(surface				
(If applicable due to multiple completion-				2023
Second producing formation_			h	feet
Gas: Initial open flow Mcf/d (
Final open flow Mcf/d (A STORY OF THE PERSON NAMED IN COLUMN	The state of the s
Time of open flow between initia				
Static rock pressure psig(surface r			A CONTRACTOR OF THE PARTY OF TH	The state of the s
		··· (Contin	ie on re	erse sido)

FORM IV-35 (REVERSE)

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

1-13-83 Benson/Riley - 5400-5405, 5326-5328, 5322-5324,5316-5318, 5280-5286, 12,000# 80-100 SD, 40,000# 20-40 SD, 25,000 SCF N₂, 500 GA, 500 BW.

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication and salt water, co	on of all fresh
Sand & Shale	0	745		, ¥
Coal	745	749		
Sandstone & Shale	749	2247		
Limestone (Big & LIttle LIme)	2247	2392	Gas check at 2542	' no show
Sandstone (Big Injun)	2392	2459	Gas check at 3101	' no show
Shale & Sandstone	2459	2803	Gas check at 3223	' 100/10-1" water
Gantz Sand	2803	2834	Gas check at 4313	' 75/100-1" w/wate
Shale & Sandstone	2834	3023	Gas check at 5435	
Sandstone (Gordon Stray)	3023	3046	Gas check at T.D.	
Sandstone & SHale	3046	3683		
Warren Sandstone	3683	3727		
Sandstone & Shale	3727	3964		
Sandstone (Upper Speechley)	3964	3993		The second second
Sandstone & Shale	3993	5907		
		T.D.		•
	(4) (4) (4) (4) (4) (4) (4) (4) (4) (4)			
99				
	3 37			
				Company to the

(Attach separate sheets as necessary)

SWIFT ENERGY COMPANY

Well Operator

By: Ame M. Littlemodames M. Kitterman-V.P.Drilling &

Date: March 21 1983

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."

17-215-6

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



NOV 5 - 1982

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 7 37 5 W		Oil or Gas Well			
Company Swift	CASING AND	USED IN DRILLING	LE T IN	PACKERS	
Address	Size				
Farm Burditte	16			Kind of Packer	
Well No. 5. Cotlack 3	13			Size of	
Distrio Callan County Dodd	81/4				
Drilling commenced 10-29-82	65/8		-	Depth set	
Drilling completedTotal depth	5 3/16				
Date shotDepth of shot	2			Perf. top	
Initial open flow/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing/10ths Merc. inInch				Perf. bottom	
Volu.neCu. Ft.	CASING CEME	NTED 57	Size 18	2/ No. FTDate	
Rock pressurelbshrs.	NAME OF SEF	,			
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT745	FEET 48 INCHES	
Fresh waterfeetfeet	FEET	INCH	ES	FEETINCHES	
Salt water feet feet	FEET	INCH	ES	FEETINCHES	
Drillers' Names # 6 3					
Remarks: drl. at 3217'					

11-1-82

Stelle Casce)

DISTRICT WELL TREPETOR

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

		ADDRESS			
				THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAM	-
	DISTRICT_	and the second s	COUNTY		
			775		1.45(1.47), 0.5
ion	Amount	Packer	Location		
DEPTH PLACED		BRIDGES	CASIN	G AND T	UBING
WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	Los
		- DEC	and the second	303	The state of the s
			22	85,8116	
		3775		windy r	
				Edit Control of France Control	Article Section
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245					
			774		
	DEPTH PLACED WOOD-SIZE	DEPTH PLACED WOOD-SIZE LEAD	DEPTH PLACED BRIDGES WOOD-SIZE LEAD CONSTRUCTION-LOCATION	DEPTH PLACED BRIDGES CASIN WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERED	DEPTH PLACED BRIDGES CASING AND TO WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERED SIZE

DISTRICT WELL INSPECTOR



OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 0/7- 3156			Oil or	Gas Well	
Company Swiff ENERgy 6.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
Address	Size				
Farm R. M. & E. Z. BurdEHE	16			Kind of Pack	cer
Well No 3#	13				
District Mª C/Ellan County Dodd.	81/4			Size of	
Drilling commenced	6%			Depth set	
Drilling completedTotal depth	5 3/16				
Date shotDepth of shot	3			Perf. top	
Initial open flow/10ths Water inInch	Liners Used			Perf. bottomPerf. top	
Open flow after tubing/10ths Merc. in Inch				Perf. bottom.	
VolumeCu. Ft.	CASING CEMEN	NTED	SIZE	No. FT	Dat
Rock pressure lbs. hrs.	NAME OF SER			· · · · · · · · · · · · · · · · · · ·	Dut
Dilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	_INCHE
Fresh water <u>feet</u> feet	FEET_	INCHI	ES	FEET	_INCHE
Salt water feet feet	FEET_	INCHI	ES	FEET	_INCHE
Orillers' Names					
Status	REport			-	
Remarks: Visit Site for Finish			Locasti	ion has	7
BAD Slip,	SO WEED ,	MORE TI	ne At	flis ,	point
To SEE, Whats	It's gon	re to de	5		
To SEE, Whats Location is con	uplately Re	E claim of	11/1	210812822	
7 7 07-		1/1/1201	1 MINER	419014023	

DISTRICT WELL INSPECTOR

DATE

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES



INSPECTOR'S PLUGGING REPORT

Pilling Material Used						
Liner Lo	eation	Amount	Packer	Location		
PLUGS USED A	ND DEPTH PLACED		BAIDGES	CASIN	G AND TI	UBING
CEMENT-THICKNESS	W005-612E	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOS
				×		
manusconey arts and the traverse at the traverse of the traver	-				-	
		Barrier Services		72		
				S		
	***		,			
illers' Names						
illers Names	3					
marks:			and the second s			

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

INSPECTOR'S PERMIT SUMMARY FORM

10	7/3	-82

WELL TYPE Santia		API# 47- 0/	7 - 3156				
ELEVATION_							
DISTRICT		TELEPHONE					
QUADRANGLE M Cheller	FAR	FARM Burdette R.M.					
COUNTY Dodd -		WELL # 3#					
		COMMENTSTELEPHONE					
TARGET FORMATION	DATE AP	PPLICATION RECI	EIVED				
DATE STARTED LOCATION	NOTIFIED	DRILL	ING COMMENCED THE CHERG				
WATER DEDTIE			OIL AND GAS				
WATER DEPTHS,							
COAL DEPTHS,	, , , , , , , , , , , , , , , , , , , ,	,	MAY 2 8 1986				
	CASIN	G					
Ranfeet of _	"pipe	onwi	ithfill up				
Ranfeet of _	"pipe	onw	ithfill up				
Ranfeet of _	''pipe	onw	ithfill up				
Ranfeet of _	"pipe	onw	ithfill up				
TD feet on							
	PLUGGI	NG					
Trans	Fnom	TO	Pipe Removed				
Type	From	10	Pipe Removed				
			2/11/11/11/11				
Pit Discharge date:	Type_						
			1				
Well Record received							
Date Released 5-2/-86		10					
		11/1/1/	/2/08/2023				

API# 47<u>017</u> -3156:

LIST ALL VISITS FOR THIS PERMIT

DATE	TIME	PURPOSE	COMMENTS
		-	- 1/4 3 A 3 B
1 1 1 1 1 1 1 1 1			

		2000000	

06				
W.K	08	MRC -		
1				

