

RECEIVED



· IV-35 (Rev 8-81)

OCT 27-1982

OIL AND GAS DIVISION WYDERARTMENT OF MINES Stric of Mest Hirginia

Beparlment of Mines Gil und Gas Zivision

Date_	Oct.	25	, 1	1982
Operat	or's			-
Well N	b S	-427	,	
Farm_	Terry	Saur	bor	n
API No	<u> 47 -</u>	049	-	0736

WELL OPERATOR'S REPORT

OF

DDITT DV			OF			
DICTION,	FRACTURING		COTATA			•
		THE TOR	STIMULATING,	OR	DHVCTCAT	~
					THISTON	CHANGE

• *	rievaciou:	1070	iquid Inject: n_X / UndergrWatershed	Treament II			
•	District:	Union	County Mar	ion	Quadrang	le Fairm	ont West
MPANY	James F. Sc	ott					
	0. Box 112;		26426				
SIGNATED	AGENT Darre	1 Wright		Casing	Used in	Left.	Cement
DRESS P.	0. Box 112;	Salem, WV	26426	Tubing	Drilling	in Well	fill up Cu. ft.
RFACE OWN	FR Terry	Saurborn		Size 20-16			
DRESS 1	594 Beverly	y Road 26554		Cond.			
NERAL RIG	HIS OWNER	Terry Sau	rhom	13-10"	30		
DRESS $\frac{1}{F}$	HTS OWNER 1 594 Beverly Birmont, WV	Road 26554	IDOTTI	9 5/8		· · · · · · · · · · · · · · · · · · ·	
L AND GAS	INSPECTION TO	שודור נייי		8 5/8		605	to surfa
Blosser	ADDRESS F	t. 4 Bo	x 317	7			- 50114
MIT ISSUE	ED Aug.	16, 1982	20304	5 1/2			
ILING OOM	MENCED Sep	t. 26, 19	82	4 1/2		2010	125 sks
LILING COM	PLETED Oct	. 6, 1982		3			
APPLICABL	E: PINGTNG	OF DRY NO	T.D. Out	2			
THAM B	POGRESSION FI VERBAL PERMIS	DOM DDTTT		Liners			
	VIII PERMI	SSION OBTA	INED	used			
OGICAL T	ARGET FORMATI	TON:	_				· · · · · · · · · · · · · · · · · · ·
Depth of	f completed to	10N 4tl	h Sand		Depth	2040	feet
Wa+0= =1	trata donth	P11 202	40 feet R	otary X	_/ Cable	Tools	
water st	m depths: 140	rresn (-145: <u>335</u> -	60 feet; :	Salt 200	feet		
Coal sea	acpub: 48	<u>10-485;530</u>	0-535	is coal be	ing mined	in the a	rea? YES
Coal sea	. ————————————————————————————————————						
Coal sea	•••			•			
Coal sea FLOW DAT Producin	g formation	4th Sa	ınd_	Pay 2	one depth	1050	
Coal sea FLOW DAT Producin Gas: In	g formation_ utial open.f	4th Sa low_show	md_ Mcf/d c	ilo Toiti	one depth al open fi		
Coal sea FLOW DAT Producin Gas: In	g formation_ uitial open fi nal open flow	4th Sa low_show w1966	md_ Mcf/d c	il: Initi	al open fla	.cw	Bbl/d
Coal sea FLOW DAT Producin Gas: In	g formation_ utial open fi nal open flow Time of op	Ath Sa low show 1966 pen flow be	Mcf/d C	il: Initi Final	al open flow	OW	Bb1/d Bb1/d
Coal sea FLOW DAT Producin Gas: In Fin	og formation_ uitial open.fi nal open flow Time of op ock pressure	4th Sa low show w 1966 pen flow be	Mcf/d Common Mcf/d	il: Initi Final l and final	al open flow	OW	Bbl/d Bbl/d
Coal sea FLOW DAT Producin Gas: In Fin	og formation_ itial open flow nal open flow Time of op ock pressure_ icable due to	Ath Sa low show 1966 pen flow be 675 multiple	Mcf/d Completion	il: Initi Final l and final	al open flow	OW	Bbl/d Bbl/d
Coal sea FICW DAT Producin Gas: In Fin Static re (If appli	itial open flow Time of open ock pressure icable due to roducing form	Ath Sa low show 1966 Den flow be 675 multiple nation	Mcf/d Completion	Final I and final measurement Payres	open flow open flow l tests	hours	Bbl/d Bbl/d s shut in
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_ FORM IV-35 (PEVERSE)

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

4th Sand

Perfs: 1950

14 holes

80/100 Sand 10,000# 20/40 Sand 40,000#

WELL LOG

PODMARIYAN COLOR INCO			REMARKS				
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	Includi	ng indi	cation	of a	ll fresh
			and sal	t water	, coal	<u>oil</u>	and gas
Surface	0	67					-
Sand	67	80					
Sand & Shale	80	95	1''	H2/0	@ 60'		1 7
Sand	95	140					20 *
Coal	140	145	2"	H2/0	@ 200	•	
Sand	145			11270	e 200		•
Shale , Sand, Shale	147	147 335					
Coal	335	337					
Sand & Shale	337	350					
Sand	350	375		•			:.
Shale	375	450					••.
Coal	450	455					
Sand & Shale	455	480					
Coal	480	485					
Sand & Shale	485	530					_
Coal	530	535					
Sand & Shale	535	625					
Shale	625	685					
Red Rock	685	700			•		
Shale	700	750					
Red Rock	750	765					
Sand & Shale	765	770					
Red Rock	770	780					
Sand & Shale	780	881					
Big Lime	881	970					
Shale, Sand, Shale	970	1375					
Sand	1375	1385					
Shale, Sand, Shale	1385	1740					
Red Rock	1740	1745					
Shale	1745	1760		,			
Red Rock	1760	1770					
Shale	1770	1790					
Sand	1790	1800					
Shale	1800	1850					
Sand	1850	1860					
Shale	1860	1880					
Sand 4th Sand	1880	2040TI					
Sark	1000	204014		•			•

(Attach separate sheets as necessary)

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 well, encountered in the drilling of a well."



Well N	No. S-427 -	
Farm	Terry Saurborn	
API #4	17 - 049 - 0736	
Date	July 29, 1982	

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

	····
OIL AND GAS WELL	PERMIT APPLICATION
	APPLICATION
WELL TYPE: 0il/ GasX/	
(If "Gas", Production X / L	Underground storage/ Deep/ Shallow $f X$ /
	shed: Tygart Valley River
	y: <u>Marion</u> Quadrangle: Fairmont West
WELL OPERATOR James F. Scott	DESIGNATED AGENT Darrel Wright
Address P.O. Box 112	Address P.O. Box 112
Salem, WV 26426 OIL AND GAS	Salem, WV 26426
ROYALTY OWNER Terry E. Saurborn	COAL OPERATOR Courth and Olivina
Address 1594 Beverly Road	COAL OPERATOR Southern Ohio Coal Co.
Fairmont, WV 26554	Lancaster, Ohio
Acreage 5.4	
SURFACE OWNER Terry E. Saurborn	COAL OWNER(S) WITH DECLARATION ON RECORD: NAME Hillman Coal & Coke Company
Address 1594 Beverly Road	Address Pittsburgh, PA.
Fairmont, WV 26554 Acreage 6.0	-
7.61 Edge	NAME Address
IELD SALE (IF MADE) TO:	
AMEAddress	
Address	COAL LESSEE WITH DECLARATION ON RECORD.
	NAME Address
IL AND GAS INSPECTOR TO BE NOTIFIED:	
AME William Blosser	
Address Rt. 4, Box 317	- Auglo 1982
Fairmont, WV 26564	
Telephone 363-9105	
	- GEAGAS DIVISION DEPT. of MINES
The undersigned well operator is enti	tled to operate for oil or gas purposes at the
the undersigned well operator from	Terry Eugene Saurborn
f said deed, lease, or other contract ha	
	c home man and 1 1
corded on May 28 , 19 82, in the o	
	ffice of the Clerk of County Commission of
darion County, West Virginia, in quested as follows:	ffice of the Clerk of County Commission of 840 Book at page 1008. A permit is
Quested as follows: PROPOSED WORK: Drill X / Drill Deeper	ffice of the Clerk of County Commission of 840 Book at page 1008. A permit is
Quested as follows: PROPOSED WORK: Drill X / Drill Deeper Plug off old formation	ffice of the Clerk of County Commission of 840 Book at page 1008. A permit is 7 Redrill / Fracture or stimulate /
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quested as follows: PROPOSED WORK: Drill X / Drill Deeper Plug off old formation Other physical change in the property of the physical change in the physical c	ffice of the Clerk of County Commission of 840 Book at page 1008. A permit is r/ Redrill/ Fracture or stimulate/ Perforate new formation/ well (specify)
Quested as follows: PROPOSED WORK: Drill X / Drill Deeper Plug off old formation Other physical change in planned as shown on the above named coal operator.	ffice of the Clerk of County Commission of 840 Book at page 1008. A permit is r / Redrill / Fracture or stimulate / Perforate new formation / n well (specify) ne work order on the reverse side hereof.
Quested as follows: PROPOSED WORK: Drill X / Drill Deeper Plug off old formation Other physical change in the above named coal operator, coal owner(spection they wish to make or are required.	ffice of the Clerk of County Commission of 840 Book at page 1008. A permit is r / Redrill / Fracture or stimulate / Perforate new formation / n well (specify) ne work order on the reverse side hereof. s), and coal lessee are hereby notified that any
Quested as follows: PROPOSED WORK: Drill X / Drill Deeper Plug off old formation Other physical change in the above named coal operator, coal owner (spection they wish to make or are required partment of Mines within fifteen (15) days	ffice of the Clerk of County Commission of 840 Book at page 1008. A permit is r / Redrill / Fracture or stimulate / / Perforate new formation / n well (specify) ne work order on the reverse side hereof. s), and coal lessee are hereby notified that any to make by Code \$22-4-3 must be filed with the
Quested as follows: PROPOSED WORK: Drill X / Drill Deeper Plug off old formation Other physical change in the above named coal operator, coal owner(spection they wish to make or are required partment of Mines within fifteen (15) day ones of this Permit Application and the operator.	ffice of the Clerk of County Commission of 840 Book at page 1008. A permit is / Redrill / Fracture or stimulate / / Perforate new formation / n well (specify) ne work order on the reverse side hereof. (a), and coal lessee are hereby notified that any to make by Code \$22-4-3 must be filed with the research of this Application by the Dept.
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Quested as follows: PROPOSED WORK: Drill X / Drill Deeper Plug off old formation Other physical change in ——planned as shown on the above named coal operator, coal owner(spection they wish to make or are required partment of Mines within fifteen (15) day ones of this Permit Application and the electron of the properties of the Department of Mines at Charleston, WASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO:	ffice of the Clerk of County Commission of 840 Book at page 1008. A permit is r / Redrill / Fracture or stimulate / Perforate new formation / well (specify) ne work order on the reverse side hereof. s), and coal lessee are hereby notified that any to make by Code \$22-4-3 must be filed with the results of this Application by the Dept. Inclosed plat and reclamation plan have been and to the above named coal operator, coal own- by of the mailing or delivery of this Application rest Virginia. James F. Scott
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Quested as follows: PROPOSED WORK: Drill X / Drill Deeper Plug off old formation Other physical change in ——planned as shown on the above named coal operator, coal owner(spection they wish to make or are required partment of Mines within fifteen (15) day poies of this Permit Application and the end of the Department of Mines at Charleston, Washington,	ffice of the Clerk of County Commission of 840 Book at page 1008. A permit is r / Redrill / Fracture or stimulate / Perforate new formation / well (specify) ne work order on the reverse side hereof. s), and coal lessee are hereby notified that any to make by Code \$22-4-3 must be filed with the results of this Application by the Dept. Inclosed plat and reclamation plan have been and to the above named coal operator, coal own- by of the mailing or delivery of this Application rest Virginia. James F. Scott
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quested as follows: PROPOSED WORK: Drill X / Drill Deeper Plug off old formation Other physical change in ——planned as shown on the above named coal operator, coal owner(spection they wish to make or are required partment of Mines within fifteen (15) day pies of this Permit Application and the end of the Department of Mines at Charleston, Washington, and coal lessees on or before the day the Department of Mines at Charleston, Washington, Washing	ffice of the Clerk of County Commission of 840 Book at page 1008. A permit is r / Redrill / Fracture or stimulate / Perforate new formation / n well (specify) ne work order on the reverse side hereof. s), and coal lessee are hereby notified that any to make by Code \$22-4-3 must be filed with the rest safter receipt of this Application by the Dept. and to the above named coal operator, coal own- rest virginia. James F. Scott Well Operator y: Amno James F. Scott

BLANKET BOND

(Revised 3-81)

PROPOSED WORK ORDER

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

DRILL	ING C	ONTRACT	TOR (IF	KNOWN)_	U	NKNOW	'N	•		
			P	\ddress_	· · · · · · · · · · · · · · · · · · ·					
Es Ap Ap,	timato proxim proxim	ed dept oate wa oate co	iter str oal seam	TION ompleted ata depr depths n this a	ths: -	19 Fresh	50 fee	t. Rota feet;	ery X / Cab	le tools/ feet。
SIN(G OR G TYPE	Size	Grade	M CIFICATI Weight per ft		Used	For Dril	INTERVALS - Left in Well	CEMENT FILL- UP OR SACKS Cubic ft,	PACKERS
	tor water		/14	ļ	 	ļ	30'			Kinds
Coal	Water		İ		 					iSizes
Intern		8 5/8			1	1		:600	to surface	
		4 1/2	2					1950	· ·	Depths set
Tubing Liners			 		ļ					
Liners	•	<u> </u>	 		 				1	Perforations:
		:			 					Top Bottom
		1			1					
THIS P	Peques 822-4- poscd A sepa where sought ERMIT M	rea by -8a fro well. arate F fracti t and i	Form IV- uring or is noted POSTED AT	ver 12a owner of 2 shall 2 stimul	, and any under the arting the on the SITE.	(v) i vater: pe req is to the Fo	f application of a second for the part rm IV-2 ;	ible, the welling i fractur	consent reau	et of the pro- ating a well
APPRO	VED FO	R Dril	lina	THIS I		o nekes	Y			
IF OPER	ATION	SHAVE	HOT POM	MENCED B	PEKMII :	SHALL E	XPIRE			•
ВУ				MENCED B	Y	24-83	 •			-
(. 12			
ne unde ocation rea of gned h ill ope ne gove	ersign has the whas no erator	ned coal examinuell loo object has contracted to the contracted to	ee who ued with all operated this ocation, ation to complied arions.	has reco	orded teen (<u>W</u> owne ed wel ll loc rk pro	a deci 15) da LAI I location posed	laration Tys of re V E R V lessee ation. I has been to be do le requir	under Cod ceipt the f a mine added to one at the ements of	de \$22-4-20, and the coal under map exists who the mine map is location, the West Vi	hich covers the p. The under-
HII	LMAN	COAL	/, 19_			р Ву	Sou John	_	Dieo Coal Riley	2 Co-
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