FILE COPY



1)	Date:	12/27/	, 19 83
2)	Operator's Well No.	H-1445	SE VETV NON
21	A DI 337-11 M-	47 - 095 - 6999	70707021

County

Permit

State

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

	PE: A O	f "Gas"	Productio	n	XX	/ Underground s	torage	MOMTAOPHO / Deep	/ ShallowXX/)
5) LOCATIO		vation:	1	000'		Watershed:	Dry Run o	of Indian	Creek
s) Eccinic									Smithville 7½
6) WELL OF									en R. Haught
Addres					Ave.		Address		3 Box 14
		Parl	cersb	urg,	WV 26	5104		Smith	nville, WV 2617
8) OIL & GA	S INSPEC	TOR TO	BE NOTI	FIED			9) DRILLING CO		
Name		Sami	iel He	ersm	an	<u></u>	Name	Haugl	nt, Inc.
Addres	s	P.O.	Box	66			Address	Same	
		Smit	hvil	le,	WV 261	L78			DIECELLA
0) PROPOSE							/ Redrill	/ Stimulate	XX
o, Thorosi	JD WELL	· ORIE					ate new formation		
							Tormation		FEB 1 4 1984
1) GEOLOG	ICAL TAR	GET FOR				cellus F			A SECTION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSO
						feet	OT HIGH CLOT		OIL & GAS DIVIS
								feet.	DEPT. OF MIN
AND THE RESIDENCE OF THE PARTY									/ NoXX /
5) CASING						15 000	a comp innica in the	area: res	7
CASING OR			CIFICATION	S	- 11	FOOTAGE IN	NTERVALS	CEMENT FILL-UP	PACKERS
TUBING TYPE	1 1		Weight	1				OR SACKS	PACKERS
	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	
Conductor	8-5/8	K55	20	X		1100'	1100'	cement	to suraface NE
resh water	5 3/0	1133	120	21		1100	1100	Cement	
Coal									Sizes
ntermediate	41/2	J55	102	X			5000'	E00 a	<u> </u>
Production	4.2	033	102	Λ		1 Table 1 Table 1 Table 1	3000	500 sx	Depths set
Liners						ANU ACU B	919 TV	6r as	reg. by rule 15.
		2noith	hair qu	brotto	vmc bu	200000000000	clases of gerial	ni broper orzi	Top Bottom
						100			
	largG						Nacional Control	37	
				(a) inci	loogenieg.	Lwollo I			Leuis et Torresilant
						FFICE USE C			
					D	RILLING PEI	RMIT		Well work started
ermit number	47.	-085-6	888					March	16, 1984
CITITITE HUMINOCI _								Da	te Hob ant To nonsigmo
	ering the we	ll operate	or and wel	l locatio	n shown b	elow is evidence o	f permission grante		nce with the pertinent legal re-
his permit cove	cillig the we	nditions	contained	herein a	nd on the r	everse hereof. No	tification must be gi	ven to the District O	il and Gas Inspector, (Refer to
uirements subje	ect to the co	numons		ione one	pits for an	y permitted work.	In addition, the we	ll operator or his con	ntractor shall notify the proper
uirements subjected to to the total distribution of the total distribu	the construc	tion of ro	ads, locat	tons and					그리고 있는 아이들이 되었다면 하게 되어 있다면 하는 사람들이 되었다면 내가 되었다면 하는데 하지만 하는데
uirements subjection (o. 8) Prior to to istrict oil and g	the constructus inspector	24 hours	s before a	ctual pe	rmitted wor				1 1910039 11300
uirements subjection 8) Prior to to istrict oil and go the permitted w	the constructus inspector	24 hours	s before a	ctual pe	rmitted wor			any modifications a	and conditions specified on the
uirements subject to the strict oil and go the permitted we everse hereof.	the construction in spector cork is as des	24 hours	the Notice	e and A	rmitted wor	plat, and reclama	tion plan, subject to		
uirements subjection (a) Prior to to instrict oil and go he permitted we everse hereof.	the construction in spector cork is as des	24 hours	s before a	e and A	rmitted wor	plat, and reclama	tion plan, subject to		and conditions specified on the prosecuted with due diligence.
uirements subjection (a) Prior to to instrict oil and go in the permitted we everse hereof.	the construction in spector cork is as des	24 hours	the Notice	e and A	rmitted wor	plat, and reclama	tion plan, subject to		prosecuted with due diligence.
No. 8) Prior to the interest of and good of the permitted we have been been been been been been been be	the construction in spector cork is as des	tion of ro 24 hours scribed in rch 16	the Notice	e and A	pplication,	plat, and reclama	tion plan, subject to		prosecuted with due diligence.
nuirements subjection 8) Prior to the district oil and gone and go	to the costructus inspector ork is as des	tion of ro 24 hours scribed in rch 16	the Notice, 1986	e and A	pplication,	plat, and reclama unless well wee	tion plan, subject to		
wirements subjection 8) Prior to the istrict oil and go the permitted we everse hereof. Permit expires	to the costructus inspector ork is as des	tion of ro 24 hours scribed in rch 16	the Notice, 1986	e and A	pplication,	plat, and reclama unless well	tion plan, subject to		prosecuted with due diligence.

FORM I	V-2(B)
--------	--------

C) Operator Y900 III

47 -

Reverse



FILE COPY

FORM IV-2(B)



STATE OF WEST VILGINIA

PEKWIII MO						LL WORK	LILLSW .
A Shallow William	Deep		TIONS (IF ANY	1000	TOHOUDOT'S SALA	H.J. Cl	
) seek		Cive sud o	Warershed		ation:		LOCAT
Suitbytine 74	Lim Quadrangle;					Dist OPERATOR_	
ireval. A es	ACENT WALL				ARTON NO MA		tbbA
30X (V)	LANDON TO THE RESERVE		NOT A		Menental d		
CAN VIN COLLEYS	ASPALING NAME AND ADDRESS OF THE ADD	DRILLING CO		dan	DR TO BE NOTH	AS INSPECT	OIL & C
		Name		e Mamata			
Acres 1		Address			219. 20m		MUDA
William Jim				98 VV	<u> Flividde</u>		
White Pals			decper		ORK: Dail .	SED WHEL W	PROPOS
701		c new formation		notiginal bio			
HERLAND				cysical change in			
		rmatti on	of sullips				
With Ske case and					completed well,		
DEPT. OF M			footsadt		epths. Fresh		
No			ls coal			AND TUBING	
					SPECIFICATIONS.	1	SO OICE
PACKERS	CEMENT FILL UP ON SALES	STV (80		The state of	Mg/SW7		STEE ONE
	(Cubic feet)	Bear in Ma.L	For deliller	Press Used	31 (30) 500 117		notar)
Kinds			TOPTE		1 75 25	18-5/6	TOLEN
W aderegns of							
				A A SHOKE			neijon
Editors sel	80.74	OFF	ICE USE ONL	Y			1 2 2
E 1 - 15 30 1 6277 14 1	- 63- 15-						
and the later of t	1 \ ' += =====d +!	he dates of cert	ain occurrences	and any follo	w-up inspection	ıs.	
his part of Form IV-2(b) is to record the						
his part of Form IV-2(b) is to record th					Date(s	
his part of Form IV-2(b) is to record the	Date				Date(s)
	b) is to record to					Date(s	
	b) is to record to	Date	Follow-	up inspection(Date(s	
pplication received	b) is to record to	Date	Follow-	up inspection(s))
pplication received	b) is to record to	Date	Follow-	up inspection(
application received Vell work started	l darch 1	Date	Follow-	up inspection(s)	0-7	udmin li
application received Well work started Completion of the drilling	i dought	Date Y 1	Follow-	up inspection(,,	88 19+2 of llow one not5499	7-Q	li number sermit covs
application received Well work started Completion of the drilling	i dought	Date Y 1	Follow-	up inspection(,,	88 19+2 of llow one not5499	7-Q	li number
Application received Well work started Completion of the drilling rocess Well Record received	nga on the roll of the control of the posterior of the control of	Date Constraint granted transmission granted transmission react he pile addition, the well	Follow-	up inspection(retator and well he chrose to and he house to a for hours before actually to the contract to a form.	V 7-9. This ine well of the to the condition of the cond	it nümber sermit çove nents sübje i Brot in r
Application received Well work started Completion of the drilling rocess Well Record received	nga on the roll of the control of the posterior of the control of	Date Constraint granted transmission granted transmission react he pile addition, the well	Follow-	up inspection(retator and well he chrose to and he house to a for hours before actually to the contract to a form.	V 7-9. This ine well of the to the condition of the cond	it nümber sermit çove nents sübje i Brot in r
pplication received Vell work started Completion of the drilling rocess Vell Record received Reclamation completed	b do tall accordance of his portion of his portions and produced to the portions and the portions are the po	Date Circlesion granted traken was be the admition, the wall admition, the wall plant, subject to an	Follow- ANAL DALL, IN W's exidence of p Serial seed work. In Serial seed work. In Jeff, and reclamation	up inspection(retator and well he chrose to and he house to a for hours before actually to the contract to a form.	V 7-9. This ine well of the to the condition of the cond	it number bermit cove theats subject to that out and germit set w ermit set w
Application received Well work started Completion of the drilling rocess Well Record received	b do tall accordance of his portion of his portions and produced to the portions and the portions are the po	Date Circlesion granted traken was be the admition, the wall admition, the wall plant, subject to an	Follow- ANAL DALL, IN W's exidence of p Serial seed work. In Serial seed work. In Jeff, and reclamation	up inspection(retator and well he chrose to and he house to a for hours before actually to the contract to a form.	V 7-9. This ine well of the to the condition of the cond	it nümber sermit çove nents sübje i Brot in r
Well Record received Reclamation completed	Dar of Ingrediate the transfer that the train of his point or his point or his point or 10 that determed on to that determed on the train of the tra	Date Circlesion granted traken was be the admition, the wall admition, the wall plant, subject to an	Follow- ANAL DALL, IN W's exidence of p Serial seed work. In Serial seed work. In Jeff, and reclamation	up inspection((8) The fator and well be a forest to a four solone action before actioned in the Notice action and in the Notice a forest to a four solone action and in the Notice a forest to a four solone action and in the Notice a four solone action and in the Notice a four solone action and in the Notice action and in the Notice and in the Notic	V 7-9. This ine well of the to the condition of the cond	it number neuts subject to the state of the
Application received Vell work started Completion of the drilling rocess Well Record received Reclamation completed	Dar of Ingrediate the transfer that the train of his point or his point or his point or 10 that determed on to that determed on the train of the tra	Date Circlesion granted traken was be the admition, the wall admition, the wall plant, subject to an	Follow- ANAL DALL, IN W's exidence of p Serial seed work. In Serial seed work. In Jeff, and reclamation	up inspection((8) The fator and well be a forest to a four solone action before actioned in the Notice action and in the Notice a forest to a four solone action and in the Notice a forest to a four solone action and in the Notice a four solone action and in the Notice a four solone action and in the Notice action and in the Notice and in the Notic	V 7-9. This ine well of the to the condition of the cond	it number bermit cove theats subject to that out and germit set w ermit set w

See the reverse side of the APPLICANT'S COPY for instructions in the well-operator,







DATE 9 NOVEMBER, 1983 WELL NO. H-1445

State of Mest Airginia

API NO. 47 - 085 -6888

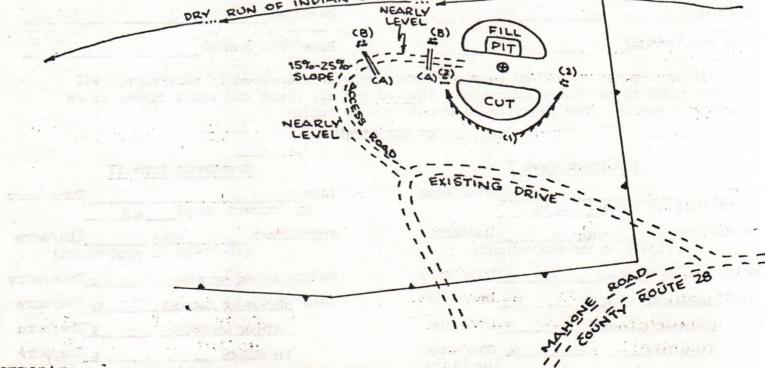
Bepartment of Mines

Oil and Gas Division

Construction & Reclamation Plan

COMPANY ADDRESS	NAME HAUGHT, INC.	DI	ESIGNATED AGENTWARREN DDRESS 4424 EMERSON AV	R. HAUGHT
PARK	EREBURG, W.VA. 26104		PARKERSBURG, W.YA. 26	109
	one(304) 424-5075		Telephone (304) 424-507	5
LANDOWNER	LOUIS D. VEUGENIA MILLER		SOIL CONS. DISTRICT LITT	E KANAWHA
Revege	tation to be carried out byw	VARREN R	. HAUGHT	(Agent)
This	plan has been reviewed by	141/2	Kanguiha SOD. All	corrections
	ions become a part of this pl		12-12-83	-/
		Jas	Sch Agent)	ECEIVE
	ACCESS ROAD		LOCATION	FEB 1 4 1984
Structure	CROSS DRAIN	(A)	Structure DIVERSION DITE	OIL & GAS DIVISIO
	5' TO 400' (AS NEEDED)	Status.	Material soil	EPT. OF MINI
Page Ref.	Manual 2:1	apair of the	Page Ref. Manual 2:12	
Structure	RIP-RAP (LOGS !/ HAY BALES)	(B)	Structure RIP- RAP	
Spacing s.	AME AS CROSS PRAIN		Material Logs 1/ HAY BAL	ES
Page Ref.	Manual 2:9		Page Ref. Manual 2:9	
Structure		(C)	• Structure	
Spacing_			Material	<u> </u>
Page Ref.	Manual		Page Ref. Manual	The same of the sa
commer	structures should be inspecte cial timber is to be cut and d removed from the site befor	stacked an	d all brush and small timb	y. All er to be
Č.	4	REVEGETATI	ON	
	Treatment Area I		Treatment Area	耳
Lime_ or cor	rect to pH 6.5	re	or correct to pH 6	Tons/acre
Fertilize		e ·	Fertilizer 500	lbs/acre
	(10-20-20 or equivalent)	/	(10-20-20 or e	
	OR STRAW 2 Tons/ac	re	Mulch HAY OR STRAW	2 Tons/acre
Seed* ORCI	HARD GRASS 12 lbs/acr	ė	Seed* ORCHARD GRASS	12 lbs/acre
LAD	INO CLOVER 3 lbs/acr	е	LADINO CLOVER	3 lbs/acre
TIM	othy 6 lbs/acr		TIMOTHY	6 lbs/acre
*I nwcu Inoculate	with 3X recommended amount.	h, trefoil	and clovers with the property of the property	er bacterium. 04/26/2024
	Please request landowners'	123 - 144 (144 pm	ADDRESS 106 NORTH SPRING	
	ration to protect new ing for one growing season.			and the second s
Attac	n separate sheets as		HARRISVILLE, W.V	A. 26362
neces	same for comments.	P	HONE NO. (304) 643-4572	

ATTACH OR PHOTOCOPY SECTION OF LEGEND INVOLVED TOPOGRAPHIC MAP. WELL SITE & ACCESS ROAD QUADRANGLE SMITHVILLE (2)



Comments: 1. LENGTH OF ACCESS ROAD 600'.

04/26/2024 2. BRUSH TO BE CUT AND PILED AT SITE.

3. TREES TO BE CUT AND STACKED AT SITE.

4 . COUNTY ROUTE 28' IS APPROXIMATELY 500' SOUTHEAST OF LOCATION.

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
 - 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
 - 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 § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-la(c) and 22-3-12a, 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 Bass

Assignment i

Dale Wolfe Warren R. Haught 1/8 124/62

IV-35 (Rev 8-81)



State of Mest Airginia

Bepartment of Mines Bil und Gas Zinision

Date Jun	e 20,	1984		
Operator '	S			
Well No.	H-14	45		
Farm W.R.	Hedg	e		
APT No. 47			- 6999	

WELL OPERATOR'S REPORT OF

DRILLING,	FRACTURING	AND/OR	STIMULATING,	OR	PHYSICAL	CHANGE

WEIL TYPE: Oil / Gas x / Liquid Injection (If "Gas," Production x / Underground	/ Wast	e Disposa e / Dee	1/ p / Sha	llow X/)
LOCATION: Elevation: 1000' Watershed Dr				
District: Murphy County Ritchi		Quadrangl		lle, WV
COMPANY Haught, Inc.				
ADDRESS Smithville, WV 26178				
DESIGNATED AGENT Warren R. Haught	Casing	Used in	Left	Cement fill up
ADDRESS Smithville, WV 26178	Tubing	Drilling	in Well	Cu. ft.
SURFACE OWNER Louis D. & Eugenia Miller	Size · 20-16 Cond.			
ADDRESS Elliott City, Maryland 21043	13-10"	201'	201' -	100 sacks
MINERAL RIGHTS OWNER W.R. Hedge, Heirs Violet Hedge, Atty. RFD #3, Box 143	9 5/8		201	
ADDRESS Bridgeport, WV 26330	8 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK Samuel	7		1782	Basket Completion
Hersman ADDRESS Smithville, WV 26178	5 1/2	·	1102	Completion
PERMIT ISSUED March 16, 1984	4 1/2			
DRILLING COMMENCED June 1, 1984	3 .			
DRILLING COMPLETED June 4, 1984	2		×	
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			
GEOLOGICAL TARGET FORMATION Big Injun		Dood		
Depth of completed well 2125' feet R	otary . Y	/ Cable	h 1992-21	25 feet
Water strata depth: Fresh None feet;			10015	
		cing mine	d in the	2202 NO
			~ 11. Ule	area:
Producing formation Big Injun	Pay	zone dept	h1992-2	125 feet
Gas: Initial open flow Mcf/d (Dil: Init	tial open	flow	Bbl/d
Final open flow 280 Mcf/d	Fin	il open fl	.cw	Bbl/d
Time of open flow between initia				
Static rock pressure 310 psig(surface		ent) after	12 hour 04/26/	2024
(If applicable due to multiple completion-	: 33			
	Pay	zone dept	n	feet
Gas: Initial open flow Mcf/d (orr: Imi	lar open	ITOM	Bbl/d
Final open flow Mcf/d (
Time of open flow between initial Static rock pressurepsig(surface r	and In	tests_	hou	rs
pary (surface)	easurener	ic) arter_	nour	s shut in
		(Contin	ue on rev	erse side)

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

NATURAL GAS WELL.

WELL LOG

ENDIA DE CO	~~~					REMARKS Including indication of all fre			
FORMATION	WLOR J	HARD OR SOFT	TOP FEET	BOTTOM FEET	Including	indicatio	n of a	all fres	
Ded D					and salt w	vater, coa	1, oi	and gas	
Red Rock	Red	Soft	0	14					
Sand	Gray	Hard	14	66					
Slate	Gray	Med.	66	76				~~~	
Red Rock	Red	Soft	76	89					
Slate	Gray	Med.	89	101				2	
Red Rock	Red	Soft	101	108					
Sand	Gray	Hard	108	176					
Slate	Gray	Med	176	180					
Sand	Gray	Hard	180	200					
Slate	Gray	Soft	200	251					
Red Rock	Red	Soft	251	264					
Slate	Gray	Soft	264	330				Ξ	
Red Rock	Red	Soft	330	335		, ,		1	
Sand	Gray	Hard	335	352					
Slate	Gray	Soft	352	395			4.4		
Red Rock	Red	Soft	395	440				7	
Sand	Gray	Med.	440	475				**	
Slate	Gray	Soft	475	535					
Sand	Gray	Med.	535	560					
Slate	Gray	Soft	560	655					
Sand	Gray	Med.	655	675					
Slate	Gray	Soft	675	880					
Sand-Red	Gray	Med.	880	920					
Slate	Gray	Soft	920	1000					
Big Red Rock	Red	Soft	1000	1019					
Little Dunkar	rd Sand	Gray Hard	1019	1019					
Red Rock	Red	Soft	1034						
Slate	Gray	Soft	1064	1064					
Lime	Gray	Hard	1104	1104					
Slate	Grav	Soft	1118	1118					
1st Gas Sand	Gray	Med.	1175	1175	•				
Slate	Grav	Soft	1194	1194					
2nd Gas Sand	Gray	Med.	1203	1203	•				
Slate	Gray	Soft	1235	1235					
	Gray	Med.		1243			•		
	Gray	Soft	1243	1277					
	Gray		1277	1328					
	Gray	Med.	1328	1350					
st Salt Sand	Grav	Soft	1350	1493					
	Gray	Med.	1493	1525					
and Salt Sand	Grav	Soft	1525	1543					
Dand	uray	Med.	1543 Attach separ	1570					

(Attach separate sheets as necessary)

Haught, Inc.

Well Operator

By: Varier P. Janght

Date: June 20, 1984

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 that, encountered in the drilling of a well."

FORM IV-35

Page two - Well Log Continued

Well No. H-1445 API No. 47-085-6888

FORMATION COLOR H	ARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Sand & Slate Gray Slate Gray 3rd Salt Sand Gray Slate Gray Maxon Sand Gray Slate Gray Little Lime Gray Slate Gray Big Lime Gray Big Injun Sand Gray	Soft Soft Med. Soft Med. Soft Hard Soft Hard Hard	1570 1639 1675 1715 1723 1763 1871 1897 1905	1639 1675 1715 1723 1763 1871 1897 1905 1992 2125 T.D.	Went on Soap 18
Gas Checks 2000' 46/10 2050' 64/10	thru 2" in Mer	cury		
2075' 88/10) thru 2" in Mer	cury		
				1
			1	

Haught, Inc.
Well Operator 04/26/2024

Date: June 20, 1984

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

DEPT. of MINES

Company Hough	tolne.		CASING AND TUBING	USED IN DRILLING	LEFT IN	PA	CKERS
.ddress			Size	waste a sixon and a fa	india epitatijo tivo		
arm Miller			16	ak Section and a second		Kind of P	acker
Vell No. #-144	and the second s		13		in and the	*	e Pojar I
	angeria (a.c.) a de la constante en la celebra de la constante de la constante de la constante de la constante	1.0	10	43 30.2		Size of	
istric Murph	County E	tehio	81/4			2	
rilling commenced 6	;-1-84		6%	* in a management of the second		_ Depth set	
rilling completed	Total dani		5 3/16		e e e e e e e e e e e e e e e e e e e		
A Louis Andrews			3		1	Perf. top_	
ate shot	Depth of shot	The second secon	2		-	Perf. botto	om
itial open flow	/10ths Water	er inInch	Liners Used		energy of the second of the	Perf. top_	a de la companya de l
pen flow after tubing	/10ths Merc	. inInch				Perf. botto	om
olume		Cu. Ft.	CASING CEMEN	NTED	_SIZE	No FT	Date
ock pressure	lbs		NAME OF SER				Date
1	bbl	s., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHES
esh water	feet	feet	FEET	INCH	ES	_FEET	INCHES
t water	feet	feet	FEET	INCH	ES	FEET	INCHES
illers' Names	to the second of	where we were not recovered	i e e e e e e e e e e e e e e e e e e e			negative for any second	
Laught On marks Rig on	Right!	7	£00	0 0	21	0.0	
marks	1		roof jus	ter den	rey Ha	ddox	

6-1-84

Samuel M. Hangaran

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No				Wel	Ne.	
OMPANY	12. W. 19. W. 19. 12. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19		ADDRESS			San Jan
ARM	DISTRICTCOUNTY					
filling Material Used						
iner Loc	ation	Amount	Packer	Location		
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED SIZE LO		LOST
				1 10 1 11 11 11 11		
			1 - National Street Street Street			
			was an few and a second and as			
		INTERNET	\$33.00 BB 200			
	TANK C				8	
	1 22 11 42 1					
	6236481s		and the second of the second o			
			The Control of the Co	and Agent I was been the		
rillers' Names	and the second s		en general de la partir de la companya de la proposició de la companya de la companya de la companya de la comp		- 4	
Remarks:					· · · · · · · · · · · · · · · · · · ·	
		See See			71	
2 miles in some a second						
					2	
	I hanshu wentider I	winited the ab-	ve well on this date.			
BATE	I nereby certify I	Aisited the WDO	ve won on this date.		44	

85-6888

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION

INSPECTOR'S WELL REPORDEPT. OF MINES

Permit No.					r Gas Well	
Company Haugh	Home.	CASING AND TUBING	USED IN DRILLING	LEFT IN	PAC	KERS
Address		Size				
Farm Lovis D + C	Lugenia Miller	16			Kind of Pa	cker
Well No. #-1445	-	13	201	201		
Distric Murphy	County LiteRio	81/4			Size of	
Drilling commenced 6	6-1-84	6%			_ Depth set_	
Drilling completed	Total depth	5 3/16				
Date shot	Depth of shot	3			Perf. top Perf. bottor	
	/10ths Water inInch	Liners Used			Perf. top	
	/10ths Merc. inInch				Perf. botton	n
	Cu. Ft.	CASING CEMEN	NTED	SIZE	No ET	Doto
Rock pressure	lbshrs.	NAME OF SER			No. F1	Date
011	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHES
Fresh water	feetfeet	FEET_	INCH	ES	_FEET	INCHES
Salt water 1862'	feetfeet	FEET_	INCH	ES	FEET	INCHES
Drillers' Names R. B.	erher / B. M. Du	ire			Martine and an officer programs of the annual section	
Haughtolne.	Rig# 17 Too	Proker	Derne	esi Had	20~	
Remarks: on 6 - &	Rig# 17 Too	tof 103	"cosing"	Jan	<u> </u>	
" augh	sine non 101 se	acho ceme	I seg.	with.	37, cc	
1136 902	it deep of line of 2	resit -	no gas	or oils	Hows	
10POF	LIME 1871					
6-4-84			Same	wel M.	H-02471649	14 94
MATE					DISTRICT WELL I	NSPECTOR

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

ONED A NEW			ADDRESS			
UMPAN I			ADDRESS			
ARM		DISTRICT		COUNTY		
illing Material Used						
	The state of the s					
iner Loc	eation	Amount	Packer	Location		
	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOS
				+		
			,			
rillers' Names					na n	
emarks:						

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

DEPT. OF MINES

				(KI	401	
Company Haught	Clue.	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACK	ERS
Address		Size				
Farm Miller		16			Kind of Pac	ker
Well No. # - 1445		13			Size of	
District Murphy	County Rithie	81/4				
Drilling commenced		65/8			Depth set	The later was
Drilling completed	Total depth	5 3/16			Perf. top	
Date shotI	Depth of shot	2			Perf. botton	
Initial open flow	/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing	/10ths Merc. inInch				Perf. bottom	1
Volume	Cu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressure	lbshrs.	NAME OF SER	VICE COMPA	NY		
0:1	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHES
Fresh water	feetfeet	FEET_	INCH	ES	_FEET	INCHES
Salt water	feetfeet	FEET_	INCH	ES	_FEET	INCHES
Drillers' Names						
af landowner a	dozer operator an	of have br	les I will	of loves	at reques	1
Unstalled 16 gat	at entrance to	property or	1 occess	rood.		
all above, Some a	it request of le	and owner	_			
			0			

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

The second secon				We		
Permit No. 10 10 10 10 10 10 10 10 10 10 10 10 10	Control (Control)		ADDRESS			
FARMCOUNTY						
		DISTRICT.		COUNTY		
Filling Material Used		1000				
Liner Loca	ation	Amount	Packer	Location		
PLUGE USED AN	ND DEPTH PLACED			-		
			BRIDGES	CASIN	G AND TO	JBING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOS
				-		
				-		
	3 3 4			And the state of t		
rillers' Names						
emarks:		1 - 7				



State of West Virginia

Department of Mines Gil and Gas Division Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT August 15, 1984



OIL & GAS DIVISION
DEPT. OF MINES



COMPANY	Haught, Inc.	PERMIT NO	085-6888 (3-16-84)
4424	Emerson Avenue	FARM & WELL NO	Louis Miller #H-1445
Parke	ersburg, West Virginia 26104	DIST. & COUNTY	Murphy/Ritchie
RULE	DESCRIPTION	IN YES	COMPLIANCE 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	Notification Prior to Starti Prepared before Drilling to High-Pressure Drilling Required Permits at Wellsite Adequate Fresh Water Casing Adequate Coal Casing Adequate Production Casing Adequate Cement Strenght Cement Type Maintained Access Roads Necessary Equipment to Preve Reclaimed Drilling Pits No Surface or Underground Po Requirements for Production Well Records on Site Well Records Filed	ng Work Prevent Waste U Int Waste Ilution	
7.05	Identification Markings INSPECTED THE ABOVE CAPTIONED	SIGNED Sam	BE RELEASED: Wel M. Hersman 31-84
with Cha	Il record was received and recapter 22, Article 4, Section 2 for the life of the well.	, the above well will rema	roved. In accordance ain under bond
TMS/gl	nm		er 19, 1984

