

Well Operator's Report of Well Work Recorded Farm name: CARLISLE, MARICE/ THACKER Operator Well No.: THACKER #3 LUCATION: Elevation: 807.00 Quadrangle: WEST UNION District: CENTERVILLE County: TYLER
170 Feet South of 39 Deg. 20Min. 0 Sec.
4420 Feet West of 80 Deg. 50 Min. 0 Sec. Latitude: 170 Longitude Company: NUGENT & SONS, INC.
901 W. MAIN ST, SUITE 201
BRIDGEPORT, WV 00002-6330 Casing | Used in Left |Cement irill U Tubing | Drilling in Well|Cu. Ft Agent: MICHAEL W. NUGENT, PRES. Size Inspector: MIKE UNDERWOOD CTS Permit Issued: 05/15/92 Well work Commenced: 11 3/4 65 160 5-29-92 130 Well work Completed: 6 - 4 - 92Verbal Plugging CTS Permission granted on: Rotary X Cable 8 5/8 1 1532 N/A 1487 Rotary X Cable
Total Depth (feet) <u>355</u> Rig 5300 Fresh water depths (ft) 60' 5300 901 6501 Salt water depths (ft) None Is coal being mined in area (Y/N)? N Coal Depths (ft): 1 OPEN FLOW DATA Producing formation Alexander, Benson, Riley Pay zone depth (ft) 4086-505 Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/d Final open flow N/A Bbl/d Time of open flow between initial and final tests 4 Hours Static rock Pressure 1600 psig (surface pressure) after 1600 psig (surfa Hours 1600 psig (surface pressure) after 48 llours Second producing formation Comingled Pay zone depth (ft)N/A Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Final open flow N/A MCF/d Final open flow N/A Time of open flow between initial and final tests N/A Static rock Pressure N/A psig (surface pressure) after N/A _Bbl/d Static rock Pressure N/A psig (surface pressure) after Hours Hours NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE. For: NUCERT & SONS 015 By:

State or west virginia Division of Environmental Protection Reviewed.

State of West Virginia

RECEIVED

WV Division of Environmental Protection JUL 0 7 m

15-May-9

95-01496

API # 47-

JUL 1 3 1992

Treatment Information
Forf Alexander 5004-5051 with 10 shots Frac with 150 sks sand
75Q form - Avg psi 2958 Avg rate 661

Perf Benson 4732-4734 with 13 holes Frac with 300 sks sand 75Q foam - AVg rate 7.5 Avg psi 3083

Porf Riley 4086-4355 with 10 holes

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Frac with 100sks sand

Formation	Top/Bottom
rill	0 - 10
Sand/Shale	10 - 20
Redrock/Sand	20 - 60
Rodrock/Sand/Shale	60 - 160
Sand	160 - 176
Sand/Rodrock/Shale	170 - 380
Sand/Shale	380 - 590
Sand	590 - 601
Sand/Shale	601 - 620
Redrock/Shale	620 - 725
Sand	725 - 730
Redrock/Shale	730 - 777 777 - 810
Sand/Shale Redrock/Shale	810 - 844
Sand Sante	844 - 870
Sand/Shale Sand	870 - 926 926 - 990
* 171	
Sand/Shale	290 - 1071
Sand	1071 - 1123
Sandy Sim La	1123 - 1280
Sand	1280 - 1365
Sand/Shala	1365 - 1442
Sand	1442 - 1462
Sand/Shale	1462 - 1670
Little Lime	1670 - 1683
Shale	1683 - 1705
Big Lime	1705 -
Injun	- 1837
Sand/Shale	1837 - 2220
Sand	2220 - 2235
Sand/Shale	2235 - 3647
Shele	3647 - 5300

TD 5236 1" stream 60' 1 1/2" stream 90' gas w/st TD - no show

E Log Tops Big Lime 1724 Boron 2251 Bonson 4738

E6251

095 1496 sli5/92

STATE OF WEST VIRGINIA EXPURES 5/15/94 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS WELL WORK PERMIT APPLICATION

1) [Well	Oper	ator	:_	Nugent	& Sons, I	nc.	347	15	(I)	670
2) (Opera	tor'	s We	11	Number:_	Thacke	r #3			3) E	Clevation: 852
4) V	v ell	type	: (a)	0il_/	or G	as <u>X</u> /				
			(b)	If Gas:	Producti De	on/ ep/	Underg	round	Stora Shall	ge/ ow_X/
5) E	ropo	sed	Targ	еt	Formatio	n(s):	Benson	n USS			
6) F	ropo	sed	Tota	1 1	Depth:	5235	fe	et			
7) 2											
8) A											
9) 🔉											
10) Does land contain coal seams tributary to active mine? Yes/ No $_{ m X}$ _/											
						l and sti					,o <u></u> ,
12)											
CASING AND TUBING PROGRAM											
TYPE			······································		PECIFICA	TIONS	FOO'	TAGE I	NTERVA	LS	CEMENT
			Siz	ze_	Grade	Weight per ft			Lef wel	t in 1	Fill-up (cu. ft.)
Conduc	tor										\(\text{cu. } \text{LC.7}\)
Fresh	Wate	r	11	3/4		32#		135	1 2	:0	As Per Rule 38CSRQ11.2
Coal	······································										70.12 MU
Interm	<u>edia</u>	te	8	5/8		23#	1	500	14	85	As Per Rule 38CSRQ11.2
Produc	<u>tion</u>		4	1/2		10.5#	5	235	523		As Per Rule 38CSRQ11.1
Cubing			·								·
iners											
ACKERS					·						
Sizes											
For Divison of Oil and Gas Use Only Pee(s) paid: Well Work Permit Reclamation Fund WPCP											
P]	lat		ww-	9	WW-	2B 1 <u>1</u>	Bond (Eskees	CR.	5680	Y Agent
								(Type)		

Page 1 (-		1) Dat	te:	04-16-92	
(09/87)				2) Ope	rator	s's well number	200
surface	Owner	Сору		\overline{AP}	Well	No: 47 - 095	
				-,		State - Count	1496
							y - Permit
		DEPARTME	STATE OF NT OF ENERG	WEST VIE	RGINIA ON OF	OIL AND GAS	
		NOTICE A	ND APPLICAT	ION FOR A	WELL	WORK PERMIT	
4) Sur	face O	wner(s) t	o be served	: 5)	(a) C	071 07774	
(a)	Name	Marice (Carliele	M	(a) C	oal Operator:	
Auu	iress	19/00 Rar	rnaevilla D		ress		
ַ עו	ckersoi	n. Md 206	542				
\ ₩,	name	_Kaipn Tha	1 C K P Y	(b)	Coal	Owner(s) with	Declaration
Mud		2838 Canac	la Hill Rd.	Nam	le		
(C)	Name	Le. Md 2	773	Add	ress .		
Add	ress						
				Nam	e		
			,	Add	ress .		
6) Ins	pector	Mike Und	lerwood	(c)	Coal	Lessee with Dec	21224:
Add	ress _	Rogte 2 B	X 135	Nam	e	Tobbec with Dec	claration
m-1		Salem WI	26426	Add	ress		
rer	epnone	(304)7	82-1043				<u>``</u>
	,	משמ שעי חיד	CONTON MAN				
Inc						NOTICE THAT:	
contracts	s by wh	nich I hol	d the right	to orta	er cor	<u>NOTICE THAT:</u> ntinuing contrac il and gas <u>OR</u>	ct or
1	G	LUMI AC Y	'AMII YAA	7 AL - 1			
I have se	erved o	copies of	this notice	and app	licati	of the <u>West Vi</u> on, a location	rginia Code
						on, a location above named pa	prat, and
~ ~	_ Perso	onal Servi	ce (Affiday	it attach	ned)	named pa	rcies, by:
	_ certi	ried Mail	. (Postmarke	d noctal	~~~:	pt attached)	
-	_ Publi	.cation (N	otice of Pu	blication	ı atta	ched)	
		INCOPPIICO	TONG MO GUD				
		INSTRUCT	IONS TO SUR	FACE OWNE	ers na	MED ABOVE	
The	well o	perator n	(Continue		_		
to do oil	or ga	s well wo	rk. (Note:	is abbidi	ing to	r a permit from e tract is owne	the State
than thre	e pers	ons, then	these mate	rials wer	e cor	e tract is owne ved on you beca	d by more
name appe	ared o	n the She	riff's tax	ticket on	the	ved on you beca land or becaus	use your
actually	occupy	the surfa	ace tract.	In eithe	r cas	land or becaus e, you may be t	e you
Wast Wise	W111	actually	receive the	se materi	als.)	e, you may be t See Chapter 22	ne only
west virg	inia C	ode. Well	l work perm	its are v	alid	See Chapter 22 for 24 months.	n or rue
·····	~~~	~~~~					
a sur	OFFICIAL NOTARY P	SEAL	Well Opera By:	11. 11. 11.71		Sons, Inc.	
	MALE OF VIEW	T VIOCINIA D		ident	gent		
	LEANUR JEEN N 105 Thorn	EWBROUGH	Address 90		S +		
My Con	UMERCHAN IN	1	Bridgeport	. WV 263	30		
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	mmssion Expire	April 29, 1997	Telephone	(304) 842	-5699		
Subscribed	d and s	sworn befo	ore me this	14th day		(1110.	1004
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