

ALLEN BLUEDDINT CO 1 10 - Springs South (112)

Charleston, WV

WEST THE STATE OF THE STATE OF

IV-35 (Rev 8-81)

State of Mest Nieginia

Bepartment of Mines Gil und Gas Bivision

Date July 26, 1985	_
Operator's Well No. Smith #1	
Farm Glen Roberts Est.	_
API No.47 - 105 -1180	

1986

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / Gas X/ Liquid Injection (If "Gas," Production X / Underground	in swias		,	
LOCATION: Elevation: 864.5' Watershed Two	o Run of 1	Little Kana	wha River	
District: Burning Spring County Wi	rt	Quadrangle	e Girta	7.5'
COMPANY Clint Hurt & Assoicates, Inc.			·	Cement
ADDRESSp. O. Box 388, Elkview, WV 25071	Casing	Used in	Left	fill up
DESIGNATED AGENT I. David Bartram	Tubing	Drilling	in Well	Cu. ft.
ADDRESS P. O. Box 388, Elkview, WV 25071	Size			
SURFACE OWNER Stan Curtis	20-16 Cond.			
ADDRESS 2975 Dorchester, North Olmstead, OH 44070	13-10"	·		
MINERAL RIGHTS OWNER Glen W. Roberts Estate	9 5/8	315	315	125 sx.
ADDRESS P. O. Box 92, Elizabeth, W 26143	8 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK Homer	7	1731	1731	180 sx.
ADDRESS Linden Rt., Box 3-A	5 1/2	1731		
Dougherty ADDRESS Linden Rt., Box 3-A Looneyville- WV 25259 PERMIT ISSUED 6/28/85	4 1/2		4685	210 sx.
DRILLING COMMENCED 7/9/85	3			
DRILLING COMPLETED 7/16/85	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			
GEOLOGICAL TARGET FORMATION Devonian Shale	<u>.</u>	Der	oth4675	feet
Depth of completed well 4713' KB feet	Rotary	X / Cab	le T∞ls_	
Water strata depth: Fresh 60' feet;	Salt 105	6' fee		
Coal seam depths: None	Is coa	L being mi	ned in th	e area? NO
OPEN FLOW DATA	;			
Producing formation <u>Devonian Shale</u>	P	ay zone de	pth 2302-	<u>4564</u> feet
Gas: Initial open flow 30 Mcf/d	Oil: I	nitial ope	n flow	9 BDL/G
Final open flow (300) Mcf/d		inal open		
Time of open flow between ini-	tial and	final test	s8 h	iours
Static rock pressure 375 psig(surface	ce measur	ement) aft	er 27 hc	ours shut in
(If applicable due to multiple completion				
Second producing formation		ay zone de	pth_	feet
Gas: Initial open flow Mcf/d	Oil: I	nitial ope	n flow	Bb1/d
Final open flow Mcf/d			flow	Bb1/d
Time of open flow between ini				hours AUG 11
Static mok pressure psig(surface				ours shut in

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

HOTER Perforations:

Stage One - 33 holes 3914'-4564' Stage Two - 35 holes 3194'-3858' Stage Three - 32 holes 2302'-3080' UpDer.

Treatment:

Stage One - 90% Intensified Foam: 105 BOW 500G HCL 500G Methanol 35,000# 20/40 683 MSCF N₂ B. D. 2500# A.T.P. 2473#, Max. 2970# AIR 40BPM 15 Perf balls 1.S.I. 2000# 5 min. 1830# Stage Two - 500 gal. 15% HCL 500 gal. methanol 150 BOW 35,000# 20/40 sand. 716 MSCFN₂ B.D. 2150# A.T.P. 2349# Max. 3300# I.S.I. 1800# 5 min. 1600#

1800# 5 min. 1600#

Stage Three - 500 gal. 15% HCI 500 gal. methanol 130 BOW 35,000# 20/40 sand, 558 MSCFN₂ B.D. 1780# A.T.P. 2030# Max. 2530# I.S.I. 1500# 5 min. 1400# 10 Perf Balls WELL LOG

•		•	•
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sandstone and Shale Salt Sand Sandy Shale Upper Maxon Shale Lower Maxon Big Lime Big Injun Siltstone and Shale Sunbury Shale Sandy Siltstones and Shale Grey Silty Shale and Shale	0 1023 1080 1236 1283 1312 1402 1516 1602 1990 2008 2387	1023 1080 1236 1283 1312 1402 1516 1602 1990 2008 2387 4713	All log tops - 8' KB Gas show @ 1936' TD - 4713' KB Gas Shows: 2395' 2480'
404 200 1250 760 760 4018 170 4158 -70 4448			Oil Show: 3700' Gas at TD: 7/10 'Wl''

(Attach separate sheets as necessary)

Clint Hurt & Associates, Inc.	
Well Operator	
11-4/11	*
By: Christophin A Farmer	
2/2/20	•
Date: //3//85	

Regulation 2.02(i) provides as follows: "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including

FORM IV-2(B)	FILE COPY
(Obverse)	THE PROPERTY
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1) Date:	June	12	, 1	<u>, 85</u>
2) Operator's Well No.	Smit	h_#1		
3) API Well No.	4.00	105 -	1180	
<i>5)</i> 111 1 ((611)	State	Cou	nty	Permit

Permit

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

		4 C D11/15	ION		APP	LICATIO	N FOR A W	ELL W	ORK PERMIT			
	OIL & GA	MI	VIX. =	T / Gas	Х	,						
4)	WELLTYP	ELY INT	'Coe'' Pr	oduction	X		Undergrout	nd stora	ge	_/ Deep	-	X/)
	T OCATION	,	tion:	864.50			Watershed:	Two	Run & Bu	rning Springs	Run	3/2/4
•	LOCATION	Diete	ict. Bur	ning S	pring	s /	County:	Wirt	·	Quadrangle:C	irta (/	<u>.5.) 747</u>
6)	WELL OPE	RATOR (Clint	Hurt &	Assc	ciate	s(389)	7)	DESIGNATED	AGENT I. Davi	d Bartr	am
0)	Address	P. (). Box	388				^ ,	Address	P. O. Box 3		
	71441455	Elk	view,	<u>wv 25</u>	<u>071 </u>		23450	,	-	Elkview, W		
8)	OIL & GAS	INSPECT	OR TO B	E NOTIFI	ED			9)	DRILLING CO	ontractor: of Hurt & Asso	noistes	
-,	Name HO	mer Do	ughert	У						P. O. Box 38	RR	
	Address	Lin	<u>den Rt</u>	., Box		\ <u>-</u>			Address	Elkview, W		
		Loo	neyvil	<u>le, WV</u>						· · · · · · · · · · · · · · · · · · ·		
10)	PROPOSEI	WELL W	ORK:		<u>X</u> /	Drill			Redrill		<u> </u>	
·									new formation	/		
				Other ph	ysical cl	nange in v	well (specify)_ Shale	40	117			
11)	GEOLOGIC	CAL TARC	ET FORM	MATION,	Dev	4675	DIMIC	feet				
	12) Estima	ted depth o	f complete	ed well, _		150	feet;	salt,	1050	feet.		
	13) Approx					None				e area? Yes	/ No	/
	14) Approx					TACTIE						
	CASING A	" ND LORII		JKAWI IFICATIONS		Ħ	FOOTA	AGE INTE	RVALS	CEMENT FILL-UP	PA PA	ACKERS
	ASING OR JBING TYPE	1		Weight		Used	For drilling	l	Left in well	OR SACKS (Cubic feet)		
		Size	Grade	96.0#	New X	Useu	300		300	To Surface	NEL	IT
	ductor	9 5/8	<u>IS</u>	30.U#							 	
	sh water										Sizes	
Coa		7	LS	20.0#	Х		1725		1725	125 Sks.	1 00	Marila (Me)
	ermediate	1 1/2	K-55				4675		4675	225 Sks. 01	Depos	Tegures
	oduction	4 1/2	10.00	1							ay 1	Mg 10.01
Lin		1								#	Perforations	Bottom
											Тор	Bottom
											+	
					<u> </u>	I						
							OFFICE U	ISE O	JI V			
							DRILLING					
	•					1	DKILLING	JILK		June 28		19 85 •
Da	rmit number	47 -	105 -	1180							ate	
												e nertinent legal re
Tł	nis permit cov	vering the v	vell opera	tor and we	ll locati	on shown	below is evid	dence of	permission gra	nted to drill in accordance given to the District Constitution well operator or his constitution.	Dil and Gas I	nspector, (Refer to
qu	irements sub	ject to the	conditions	contained	ione and	nits for	any permitted	work.	In addition, the	well operator or his co	ontractor sha	ill notify the proper
No di	strict oil and	gas inspect	or 24 hou	rs before a	ictual pe	rmitted v	vork has com	menced)			· · · · · · · · · · · · · · · · · · ·
ייי	he permitted	work is as o	lescribed i	in the Noti	ce and	Application	on, plat, and r	reclamat	ion plan, subje	et to any modifications	and condition	ons specified on the
re	verse hereof.						•		1-1	ced prior to that date as	nd prosecuted	d with due diligence
P	ermit expires	June	28,	1987			unle	ess well v	vork is commen	ced prior to that date as	p	
												
	Bond:	Age	ent:	Plat:	Casi	ng	Fee					•
	77	AR	1	211	M	11 1	023		100	10	1/2	
	_//	VILD		110		~ '			Y lar	garet.	Mus	ise
								1	<i>A</i>	dininistrator, Office o	f Oil and Ga	.s
	OTE: Keep	one conv	of this per	rmit poste	at the	drilling lo	eation.		/	/		File
	OIL. Reep							CORV	for instruction	to the well operator.		
			S	ee the reve	rse side	of the Al	PPLICANT'S	CUri	IOI IIISH UCBORS	to the well operator.		4