

AUG 21 1986



(Rev 8-81)

DEPARTMENT OF ENERGY State of Mest Hirginia

Beparlment of Mines Wil und Was Zivision

Opera	August tor's No. Horr	
Farm	Woodrow	
	10. 47 -	103 - 1384

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

FIL TYPE: Oil $\frac{X}{}$ / Gas $\frac{X}{}$ / Liquid Injection (If "Gas," Production X / Undergroup				/ / Shai	llow	_/)
	roct	or Cree	k			
OCATION: Elevation: 1221 Watershed 1 District: Proctor County Wet	zeı		_Quadrangie			
Inc.						
OMPANY Clay Resources, Inc. ADDRESS 286 Front St., Marietta, OH 45750	T	Casing	Used in	Left	Cemen	
ADDRESS 286 Front St., Harrison	1	Tubing	Drilling			
DESIGNATED AGENT Andy Brown	<u> </u>	Size	01111111		 	
ADDRESS Box 32, Reader, WV 26167		20-16				
SURFACE OWNER Woodrow Horner	- 4	Cond.			-	
ADDRESS P.O.Box 3, Proctor, WV 26055	-	13-10"			-	
MINERAL RIGHTS OWNER SAME	-	9 5/8		1453	365	SKS
ADDRESS	-	8 5/8	1453	1455	1 303	DRD
OIL AND GAS INSPECTOR FOR THIS WORK Don 2604 Crab Apple Lane	1	7			_	
Ellis ADDRESS 2604 Crab Apple Lane Fairmont, WV 26554		5 1/2		<u> </u>	-	
PERMIT ISSUED February 10, 1986		4 1/2	2885	2885	200	SKS
DRILLING COMMENCED February 16, 1986		3			_	
DRILLING COMPLETED February 27, 1986		2			_	
IF APPLICABLE: PLUGGING OF DRY HOLE ON		Liner		ŀ		
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED		used		,		
CN	•					
GEOLOGICAL TARGET FORMATION Gordon				pth 3100		fee
Depth of completed well 2974 fee	et F	otary	X / Cab	le Tools		
fee	et;	Salt 2	201 fee	et.		
Coal seam depths: 1011		Is ∞	al being mi	ned in t	he are	a?N
Coal Seam deput.						
OPEN FLOW DATA			Pay zone de	nth 2784	-2820	fe
Producing formation Gordon			Pay zone ud	on flow	0	 Ebl
Gas: Initial open flow 25 Mcf.	/d	011:	Initial ob	£1	0	Bb1
Final open flow 25 Mcf.	/d		Final open	- 70	hours	
Time of open flow between	init	ial an	i final tes	13 <u>/2</u>	- Pours	shut
Static rock pressure 320 psig(su	レレンパー	,				
a a during formation		,	Pay zone de	ptn		
con Initial open flow MCI/	/đ	OIT:	TUTTITY obe	11 1104		
Final open flow Mcf	/d	Oil:	Final open	ITOM		
mims of open flow between :	init	ial and	final test	s	yours	
Static rock pressurepsig(sur	face	measu	rement) afte	<u>r_h</u>	ours si	iut 1
			(Cont	irue on	reverse	e sid

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

Perforated: 20 Shots: 2780 - 2800 Gordon

Frac: 1st Stage FOAM: Broke @ 2910: ISP - 1350: 400 SKS 20/40 Sand:

N2 - 483,000 SCF

WELL LOG

RMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all and salt water, coal, oil	1 fresh and gas	
-				: ;	
Sand, limestone, SS	0	2250	•	1 to 1	
SS, redrock	2250	2400	Squaw: 2344 - 2366 Weir: 2380 - 2394	î .	
Sand, Sandstone	2400	2600	1st Berea: 2534 - 2538	: 🐉	
<i>,</i>			2nd Berea: 2548 - 2552	<i>:</i>	
Sand, Shale	2600	2750		* .	
Shale	2750	2974	Gordon: 2784 - 2820		
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(Attach separate sheets as necessary)

CLAY RESOURCES, INC.

By: August 20, 1986

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



1)	Date: Dece	mber 5	, 12	, 85
2)	Operator's Well No	Horner	#2	
3)	API Well No.	47	103 -1384	
		State	County	Darmit

DIVISION OF OIL & GAS STATE OF WEST VIRGINIA DEPARTMENT OF EIDERGRETMENT OF ENERGY, OIL AND GAS DIVISION

APPLICATION FOR A WELL WORK PERMIT

	В ((If "Gas",	Production	1 <u> </u>		Underground s	storage	_/ Deep	/ Shallow _	/)
5) LOCATION		levation: _		. Her			Proctor Cree			
		istrict:					Wetzel	Quadrangle: _	New Martin	sville
6) WELL O					CODE: ,	10025	7) DESIGNATED		y Brown	
Addre	55	204 U					Address	Box	32	
		<u> Marie</u>	tta, 0	H 45750	<u>) </u>		-	Rea	<u>der, WV</u> 26	167
8) OIL&G	AS INSPEC	CTOR TO	BE NOTII	FIED			9) DRILLING CO	NTRACTOR:		
Name	R	Robert	Lowthe	<u>r</u>			NameU	nknown		
Addre	ssG	General	Deliv	ery			Address			
• .		1iddleb	ourne.	WV 26	149					
0) PROPOS			-	Х/г		deener	/ Redrill	/ Stimulate	4	
o, rkoros	LD WELL	WORK.					ate new formation_			
		D C E T E O D	Other p.	Cord	ge in weii	(specify)				
) GEOLOG					JII					
12) Estin	nated depth	of complet	ed well,	3100'		feet	00001			
				≈421'		X		feet.		
14) App	oximate co	al seam der	oths:			13 00	al being mined in the a	rea? Yes	/ No	_X/
5) CASING	AND TUE	ING PRO	GRAM	78.	from t	Eemit# 10	13-00 38			
CASING OR	H	SPEC	CIFICATIONS	5	ti	FOOTAGE I	NTERVALS]	CEMENT FILLUP	PACKER	:S
TUBING TYPE	Size	Grade	Weight per ft.	New Used	.	For drilling	Left in well	OR SACKS (Cubic feet)		
Conductor					x 4		* 451'		RULE 15	A
resh water	8 5/8	, 	1	 		421'	1421'	CTS Re		05
	10 3/0		-		1-1	.421	1421	<u> </u>	Per rule	15.05
ioal	+	+	 						Sizes	
ntermediate	1, 1,6		 				01001	500	<u> </u>	
roduction	4 1/2	<u></u>			$\frac{3}{3}$	3100' app	. 3100' appr	. 500 + SKS	Depths set Per	rule 15.
ubing	┛									
inc.s	.								Perforations:	
	* 01	JKY TO	BER	IN 1F					Тор	Bottom
	FRESH	WATER	IS EN	COUNTER	ED					
									1	
					OFF	FICE USE ()NI V			
						LLING PE				
					DKI.	LLING FE	KMIII			
ermit number	47-1	103-13	384		-			Fe	ebruary 10	0 19 86
ermit number	47-	103-13	384						ebruary 10	0 19 86
his permit co	vering the v	well operato	or and well	location she	own belov	w is evidence o	of permission granted	Da to drill in accorda	ate	nent legal re
his permit co	vering the v	well operato	or and well	l location she	own below	w is evidence or rse hereof Not	of permission granted	Da to drill in accorda	ate	nent legal re
uirements sub 8) Prior to 1	vering the v ject to the o	well operate conditions ction of ros	or and well contained l	herein and or ons and pits f	n the reve or any pe	erse hereof Not rmitted work.	ification must be give In addition, the wel	Da to drill in accorda	ate	nent legal re
his permit co- uirements sub o. 8) Prior to t istrict oil and	vering the v ject to the d the construc- gas inspect	well operate conditions ction of ros tor 24 hour	or and well contained l ids, locations before ac	herein and or ons and pits f ctual permitte	n the reve or any pe ed work h	erse hereof Not ermitted work, has commenced	ification must be give In addition, the wel d.)	Date to drill in accordant to the District Oil operator or his co	ate ince with the pertin il and Gas Inspecto intractor shall notif	nent legal re- r. (Refer to y the proper
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