

DIVISION OF OIL & GAS DEPT. OF ENERGY



## Sinde of Mest Airginia Bepariment of Alines Gil und Cas Bivision

Date	Septe	mber	9, 1	.98	5	-
Opera	tor's					
Well	No	Staar	cman	#2		
Farm	St	aarma	an			
API N	The state of the s			<u></u>	3443	
WATN	O. 4/		n. /	-		

(Continue on reverse side)

WELL OPERATOR'S				
DRILLING, FRACTURING AND/OR STIMUL	ATING, (	OR PHYSICAL	CHANGE	
DRIMING, 114.023				ø
WEIL TYPE: Oil / Gas X / Liquid Injection (If "Gas," Production X / Undergrou		~ commentates	/ Sha	11ow/)
LOCATION: Elevation: 1090 Watershed To	wn Camp l	Run	1	
District: Cove . County Doddri	dge	_Quadrangle	New M	ilton
COMPANY Rockwell Petroleum Company				
ADDRESS P. O. Box 179, Glenville, WV 26351	Caging	Used in	Left	Cement fill up
DESIGNATED AGENT Mack R. Worl	Tubing	Drilling	in Well	Cu. ft.
ADDRESS P. O. Box 179, Glenville, WV 26351	Size 20-16			
SURFACE OWNER Henry Staarman  ADDRESS New Milton, WV	Cond.			
· · · · · · · · · · · · · · · · · · ·	13-10"			
MINERAL RIGHTS OWNER same as surface owner	9 5/8			
ADDRESS THE POPPER	8 5/8	1119	1119	300 sacks
OIL AND GAS INSPECTOR FOR THIS WORK	7			
ke Underwood ADDRESS Salem, WV	5 1/2		22/0	100 sacks
PERMIT ISSUED June 21, 1985	4-1/2		2340	100 Backs
DRILLING COMMENCED June 24, 1985				
DRILLING COMPLETED June 27, 1985	2	<u> </u>		
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners used,			
GEOLOGICAL TARGET FORMATION Gantz.		Der	oth 258	30feet
	Rotary_	Cabl	le Tools_	
Water strata depth: Fresh 60 feet;		feet		
Coal seam depths: None		l being mi	ed in th	e area? No
OPEN FLOW DATA				
Producing formation Big Injun	<b>Y</b>	ay zone de	oth 2277	feet
Gas: Initial open flow 100 Mcf/d	Oil: I	nitial ope	n flow	Bbl/d
				Bb1/d
Time of open flow between init	ial and	final test	s 4 h	ours
Static rock pressure 640 psig(surface	e neasur	ement) aft	er 12 ho	urs shut in
(If applicable due to multiple completion			•	
Second producing formation		ay zone de	pth	feet
Gas: Initial open flow Mcf/d	Oil:	Initial ope	n flow	Bbl/d
		inal open		Bbl/d
Time of open flow between ini	tial and	final test	s}	ours ours shut in

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

1st Zone 2275½ to 2269½ 8 Holes

2nd Zone 2203 to 2206 6 Holes

## WELL LOG

	4.87		
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
	0	80 ,	Water @ 60' 1" Stream
Soil & Sand		1910	
Sand & Shale	80	1950	
Sand	1910		
Shale	1950	2006	The second of the second section is
Sand	2006	2026	The first of the first that the
Shale	2026	2088	Section for the second of the second
Sand	2088	2110	
Shale	2110	2116	
Sand	2116	2132	
Shale	2132	2134	
Lime (Big)	2134	2190	
Sand (Keener)	2190	2214	
Sand (Big Injun)Gell	2214	2282	Gas @ 2277 100mcf
Shale	2282	2572	
Sand (Gantz)	2572	2584	
Shale	2584	2698	
Total Depth	•	2698	
•			
			1.00
	•		
•			
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			I was a second state

(Attach separate sheets as necessary)

By: Mark R. Worl

Date: September 9, 1985

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."



1)	Date:	Ju	ne	1	3	9				 19_	85
2)	Operator Well No.		St	ar	r	mar	1	<b>#</b>	2		
3)	API Wel		).	47		***	0	1	7	 3	443

County

Permit

3) API Well No.

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

## APPLICATION FOR A WELL WORK PERMIT

4) WELLT	YPE: A C	oil X	/ Ga	s	<u> </u>					
	В (	If "Gas", I	Production			/ Underground s	torage	/ Deep	_/ Shallow _	<u>X</u> /)
5) LOCATION	5) LOCATION: Elevation: 1090 Watershed: Town Camp Run						ıp Run	Jose Wilto	7 5 8	
		strict:		ove		County.	ddridge	Quadrangle:	New Milto	11 1.337
6) WELL O					coleum	<u>Co</u> •(765)		DAGENT Mack	R. Worl	
Addre		. 0. lenvi			06351	731925	Address	P. O. Box Glenville,	179 WV 2635	. 1
						12.			, *** 2033	3
8) OIL & G.					n o d		9) DRILLING C	ONTRACTOR: kworth Dril	lling	
Name	7 -	ute 2			CONTRACTOR OF THE PROPERTY OF THE PARTY OF T	ATTACA POPULAR CARDEN ALA.		Gassaway	WV 2662	4
Addre		lem,			•		Address		,	
10) PROPOS	ED WELL	WORK:	Drill	X	_/ Drill	deeper	/ Redrill	/ StimulateΣ		
,							ate new formation			
						well (specify)				
11) GEOLOG	GICAL TAR	GET FOR	MATION,		Berea	(345)				<del></del>
	nated depth				2700	feet				
13) Appr	oximate tra	ta depths:	Fresh,		60	feet; salt,	***************************************	feet.		
14) Appr	oximate coa	al seam dep	ths:			Is coa	al being mined in th	e area? Yes	/ No	X
15) CASING	AND TUB	ING PRO	GRAM					6		1:1
CASING OR TUBING TYPE		SPEC	IFICATIONS		-	FOOTAGE I	NTERVALS	CEMENT FILLUE OR SACKS	PACKER	1S = -
TUBING TIFE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	(Cubic feet)	17 15	Comments
Conductor								i.	Kinds 😂	
Fresh water										
Coal							5001	1	Sizes	
Intermediate	8 5/8		20	X		500'	500	150 sacks	-75 Oc	1 rule 13
Production	4 1/2	J-55	10.5	X			1700	240 sacks	Depths-set -	1
Tubing				***************************************		***************************************		or as he	guerred s	Dy rule
Liners								4	Perforations:	1 15.00
		-			-				Тор	Bottom
		-			-					
		1			<u> </u>			200	1	
						FFICE USE O	NII V			
						RILLING PE				
					ب	ANDERING I E.	W/14E H		- 01	0.5
Permit number	47-(	017-344	+3						June 21	19 85
								Da	•	
								ted to drill in accordar given to the District O		
								well operator or his cor		
district oil and	gas inspect	or 24 hour	s before ac	tual pe	ermitted wo	rk has commenced	d.)	•		
The permitted	work is as d	lescribed in	the Notic	e and A	Application	, plat, and reclama	ation plan, subject	to any modifications a	and conditions spe	ecified on the
reverse hereof.	Tun	e 21, 1	1027							
Permit expires						unless well	work is commence	d prior to that date and	prosecuted with a	due diligence.
r										
Bond:	Age	nt:	Plat:	Casi	ng :	Fee				
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11/-	11-17		1111		~ ' ′		VY b.	caret I	1 & bon	A ii
						-		<del></del>	· NUUC	2
NOTE: Keep	One conv o	f this nerm	it nosted	at the c	Irilling loca	tion	Agr	ninistrator, Office of (	Jii and Gas	
. roit. Reep	one copy o	i una perii	posted (		10Ca			/		File_
		See	the revers	e side o	of the APP	LICANT'S COPY	for instructions to	o the well operator.		