

NEWFALL

201

OCT 17 1980

Date: Octob	Jer 10,	_, 13.80_
Cperatur's Well No.	895	
์ มี ลิวีวี พระบับทอง	37 107-	-1055

OIL & GAS DIVISION DEPARTMENT OF MINES, OIL AND GAS DIVISION DEPT. OF MINES

WEDD OPERATOR'S REPORT 40
OF
DRILLING, FRACTURING AND/OR STEMPLASTING, OR PRESIDAL CHANGE

		<u> </u>				22222		-074 U.S.135	
WELL-TYPE:	C11 x	/ Ca	x X	/ Liqu	uid :	iniectica -	/ Waste Di	sposai/	•
									Smillow X /
LOCATION:	(If "Gas", Production X / Underground storage / Deep / Shallow X /) OCATION: Elegation: 649! Watersted: North House of the Gast								
	County: Wood Quadrangle: Lubeck (7.5')								
									•
							EDA GETANDIZE	Same Same	
Addres	630	Commer	ce Sq	•		Philippine and the state of the	Address _		
	Char	leston	WV	25301		At the sales of th			
PERMETTED W	074: Dr	-11 X	_/ Car	ivert _	/	Drill deepe	r/ Redr	111/ ?rac	:ture or stimulate _
	P1	ug off	old for	cration		_/ Perforat	e new format:	.03/	
•	Ot	her ph	75:021	change :	in w	ell (specify))		
		-	······································			·			
PERMIT ISS	ַ אס כבּיי	Augus	t 15,		1980)	OIL & GAS INS	PECTOR FOR THIS	WORM:
(IF APPLIC							Name Paul G	oodnight	
CONTE REWOR	NGGUS PRO Sing. Ve	OGRISSI ERSAL ?	ON FROM ERMISSI	L DRILLI ON OSTA	NG C	.	Address	Smithville,	
			, 19					477-3660	
									010 feet
								able Tools	
						; salt,_			
								the area? No	
York	*25 CCTT	enced	9-7			1080	and somelessed	0.13	. 19 80
		-				وسيستورد وس	ens completell	9-13	· 19 <u>80</u>
CASENG AND	TUBING :	PROGRA	1						· · · · · · · · · · · · · · · · · · ·
CASING OR	_ [S ?EC:	FICATIO	INS	Ĭ	FOOTAGE 1	INTERVALS	CENENT FELL-SE	ZACEERS
	Size	G:24e	25. 25	Yew U	sed!	For drilling	Left in well	OR SACKS (Cubic (sec)	-
Canductor	13-3/	В		X	- 1	55.35	55.35	62 Sks	Kinds .
Presh wate	-								
Ccal	9-5/8			x	Ü	334 10	334.10	140 Sks	Stres
Intermedia	= <u>=</u> 7			x			170.71		
Production	1 44			x	*			100 Skg	Cenths set
Tubing					À			100 545	
Liners									Perforantes:
	Ħ				4				7:0 30:1:0
	H	Ì			1				1
	#			I	1				

CPEN FLOW	DATA					·	_		•
	cing for							Fay zone dept	1535-4016:
	Gas: In	itiel d	pen flo	. <u> </u>			Oil: Emitial	. spen flow,	D1/4
	P1	sal ope	en flow,	\cdot \leftarrow	84		7:mal o	pen flow,	351/d
		7:-	وه څو د	en flow	bet:	veen initial	and final tes	ts, kaur	3
	Static :	reck pr	233222,	8 <u>00</u>	p:	sia (surface	=easwrecent)	after ho	urs shut in
· CIF	epșlicebl	la dua	to mult	ipla so	وإشا	tismI			•
Second producing formation None Pay zone depth									
•								L open flow,	
• •	7:	imal op	es Slow	,			Final o	pen flox.	361/3
Final open flow, Mof/d Final open flow, Bb1/d Time of open flow between initial and final tests, hours									
	Static :							after ha	
•								•	•

[65-73]

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

Fraced with 500 gal. of 15% HCL with A-200 Inhibitor, F-78 Surfactant, L-53 Clay Control and Q-22 Non Emulsifier Pumped 600 MCF of N $_2$ at 35 BPM

Breakdown Pressure 1400#

Treated at 1900#

WELL LOG

		Hard or	40	Bottom	Remarks Including indication of all fresh and sait water, coal, oil and gas
PORMATION	Color	Sore	Too Feet	Peet	and sais water, coal, oil and gas
Sand & Shale			0	1390	
Little Lime	-		1390		
Big Lime	1		1407		
Big Injun	1		1475		
Shale			1535		
Coffee Shale Berea		I	1900		
Shale			1916 1920	1920	
Diale			1920	4016 T.D.	
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(Attack separate sheets to complete as necessary)

		DIAISION,	BVX	(0.8.),	INC.
Well Cper	2202				
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Ita Geo	lógist	•			

7077: Regulation 2.32(i) provides as

"The term 'lag' or 'well log' shall mean a systematic, described geological record of all formations, including coal, encountered in the drilling of a well."

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

Charleston, W. Va.	DATE August 8, 1980
Surface Owner John S. Cather	Company Ray Resources Div. BVX
Address Parkersburg, WV	Address Charleston, WV
Mineral Owner John S. Cather	Farm John S. Cather Acres 205
Address Parkersburg, WV	Location (waters) North Fork of Lee Creek
Coal Owner None	Well No. 895 Elevation 649 '
Address	District Harris County Wood
Coal Operator None	Quadrangle Lubeck (7.5')
Address	
HIS PERMIT MUST BE POSTED AT THE WELL SITE	
provisions being in accordance with Chapter 22,	
the W. Va. Code, the location is hereby approved	INSPECTOR
drilling . This permit shall expire if	TO BE NOTIFIED <u>Paul Goodnight</u>
perations have not commenced by 4-15-81	ADDRESS Smithville, WV
fred Dungett	PHONE 477-3660
Deputy Director - Oil & Gas Division	
GENTLEMEN:	
The undersigned well operator is entitled to drill up	on the above named farm or tract of land for oil and gas, having fee
Cas Ray Resources	t ease dated April 2, 1980 by Columbia
	and recorded on the day of
Jy in Canada Daale	
19, in County, Book	
	PageFRACTURE OR STIMULATE
	REDRILLFRACTURE OR STIMULATE
	REDRILLFRACTURE OR STIMULATE
NEW WELLDRILL DEEPEROIL AND GAS WELL ORIGINALLY DRI The enclosed plat was prepared by a registered engine have been notified as of the above date. The above named coal owners and/or operator are here.	REDRILLFRACTURE OR STIMULATE
AX NEW WELLDRILL DEEPEROIL AND GAS WELL ORIGINALLY DRIVED The enclosed plat was prepared by a registered engine have been notified as of the above date. The above named coal owners and/or operator are he to make by Section 3 of the Code, must be received by Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address	REDRILLFRACTURE OR STIMULATE ILLED BEFORE JUNE 5, 1969. Therefore or licensed land surveyor and all coal owners and/or operators are represented by notified that any objection they wish to make, or are required by or filed with the Department of Mines within ten (10) days. * The ded by registered mail, or delivered to the above named coal operators of the day
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THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER	ro XX DRILL	DEEPEN	FRACTURE-STIMULATE		
DRILLING CONTRACTOR:	•		RESPONSIBLE AGENT:		
NAME Ray Resources		NAME Smokey Stover			
ADDRESS 630 Commerce TELEPHONE 344-839	ce Sq. Chas., WV	ADDRESS <u>Culloden</u> , WV TELEPHONE 743-9067			
ESTIMATED DEPTH OF COM			_ CABLE TOOLS		
PROPOSED GEOLOGICAL FO			_ CABIL TOOLS		
		OMB XX STORAG	GE DISPOSAL		
			LOOD OTHER		
		77222	OTHER		
TENTATIVE CASING PROGR	AM:				
	_	-			
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.		
20 - 16		WELL	OR SACKS - COBIC FT.		
13 - 10					
9 - 5/8	200'	200'	To Surface		
8 - 5/8			TO BULLECC		
7/	1600'	1600'	100 Sacks		
5 1/2					
4 1/2					
3			Perf. Top		
2			Perf. Bottom		
Liners			Perf. Top		
			Perf. Bottom		
OF PLAT. TO DRILL DEEPER OR REDI SUBMIT FIVE (5) COPIE WELLS DRILLED PRIOR MUST ALSO BE SUBMIT TO FRACTURE - STIMULATE OIL AND/OR GAS WELL BOND, PERMANENT PL OIL AND/OR GAS WELL ING ORIGINAL PERMIT	ES OF OG - 1, \$100.00 PERMIRED. ES OF OG - 1, SHOWING ORIGINATED. COURT OF THE CO	T FEE, PERFORMANCE INAL PERMIT NUMBER A OPY OF THE PLAT AND RE JUNE 5, 1929, FIVE (5 CORD. ND/OR AFTER JUNE 5, 19 BOND.	BOND AND PERMANENT COPY AND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD O) COPIES OG - 1, PERFORMANCE 929, FIVE COPIES OG - 1, SHOW- e. Inspector to be notified twenty-		
			•		
•					
The following waiver mu thereof.	st be completed by the coal ope	erator if the permit is to b	e issued within ten days of receipt		
	Aront for	0.10			
	nined and place on our mine m		ner or Operator of the coal under cation.		
We the	Coal Company	have no objections to said	well being drilled at this location,		
providing operator h Code.	as complied with all rules and reg	ulations in Articles 4, 5, an	d 7, Chapter 22 of the West Virginia		
		·	•		
April 4 San Landing			For Coal Company		
	n disk Turk	artini kang <u>aran labah artah da</u> arting labah menjadah kangaran	Official Title		