

Agent:

RECEIVED DEC 1 4 1990 DEPT. OF EMERGY

State of West Virginia DEPARTMENT OF ENERGY Division of Oil and Gas

Well Operator's Report of Well Work

CAVA, RICHARD T. Farm name

Operator Well No.: WESTFALL # 1

LOCATION: Elevation: 971.00

Quadrangle: WEST UNION

District: CENTERVILLE Latitude: 5400

County: TYLER

Feet South of 39 Deg. 22Min. 30 Sec. Feet West of 80 Deg. 50 Min. 0 Sec. Longitude 8620

Company:ANVIL OIL CO., INC. 2099 PLEASANT VALLEY ROAD FAIRMONT, WV 26554-1230

JUSTIN L. HENDERSON

Inspector: GLEN P. ROBINSON Permit Issued: 04/04/90 5-4-90 Well work Commenced: Well work Completed: 6-9-90 Verbal Plugging Permission granted on:
Rotary XX Cable
Total Depth (feet)
Fresh water depths (ft) Rig wet 100' Salt water depths (ft)

Is coal being mined in area (Y/N)? N Coal Depths (ft):

Casing	Used in	Left	Cement	
Tubing	Drilling	in Well	Fill Up Cu. Ft.	
Size		·	 	
<u> 41. T.A</u>	· · · · · · · · · · · · · · · · · · ·		 	
11 3/4	137	<u> </u> 127	<u> </u>	
8 5/8	1840	1794	480 sks	
1 4/5	5400		 	
4 1/2	<u>5120</u>	<u>4970</u>	<u>450 sks</u>	

OPEN FLOW DATA

Producing formation Benson	Pay zone depth (ft) 4848
Gas: Initial open flow 0 MCF/d Oil:	Initial open flow Bbl/d
Final open flow 840 MCF/d	Final open flow Bbl/d
Time of open flow between initial a	and final tests 4 Hours
Static rock Pressure <u>1350</u> psig (surfa	ace pressure) after 48 Hours
Second producing formation Riley Gas: Initial open flow MCF/d Oil:	Pay zone depth (ft)
Gas: Initial open flow MCF/d Oil:	Initial open flow Bbl/d
rinal open flow MCF/d	Final open flow Phl/d
Time of open flow between initial a	and final tests Hours
static rock Pressure psiq (surfa	ace pressure) after Hours
Riley commingled with Benso	n

THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED NOTE: ON BACK OF 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.

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY For: ANVIL QIL CO.,

By: Date:

<u> 9 8 1990</u>

Fracturing-Perforate Benson 4862 - 70 with 14 holes Frac with 350 sks sand, 411 treated fluid. $87,000 \text{ scf N}_2$ Avg rate = 234

Avg psi = 2535

Perforate Riley

4462 94 with 16 holes

Frac with 300 sks sand 364 bbls treated fluid

73,000 N₂

Avg rete = 202

Avg psi = 2517

damp 100'

Sand Sh/sd RR Sd/ah Lime	0 40 850 900 1810	40 850 900 1810 1875
Sd	1875	1940
Sh/sd	1940	5120

2407' 2"₁₀ thru 2" gas

E log tops Big Lime Berea Benson

1834 2372 4848



DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

. .

(550/

5400'

| | Well Work Permit | | Reclamation Fund |

For Divison of Oil and Gas Use Only

5400'

(Type)

4-1/2"

Production

PACKERS : Kind

Sizes

_| Fee(s) paid:

Depths set

Tubing

Liners

By Rule 38

CSR 18-11.1

		PREBIVEN 1			
	1 of		Date:3-1-90		
	WW2-A	2)	Operator's well number		
(09/8 File		MAR 1 9 1990	<u>Westfall #1</u> API Well No: 47 - 095 - 1384		
LITE	Сору	EIVISION OF OIL & GAS	API Well No: 47 - <u>095</u> - <u>1384</u>		
		DEPARTMENT OF LINERGY	State - County - Permit		
		STATE OF WEST	T WIDATHT &		
		DEPARTMENT OF ENERGY, DI	VIRGINIA VISION OF OIL AND CAC		
			VIDION OF OTH AND GAS		
		NOTICE AND APPLICATION F	OR A WELL WORK PERMIT		
4)	Surface C	wner(s) to be served:	, the policies of the second o		
	(a) Name	Richard T. Cava 314 West 105th St. #3C	Name		
	Address _	New York, NY 10025	Address		
	(h) Name	New 101K, NY 10025	(h) 0 - 1 0		
	Address		(b) Coal Owner(s) with Declaration		
			Name		
	(c) Name		Address		
	Address _		Name		
			Address		
<i>c</i> \					
6)	Inspector	Glen Robinson	(c) Coal Lessee with Declaration		
	Address _	Route 1 Mineral Wells, WV	Name		
	Telephone	(304)	Address		
		(304)			
		TO THE PERSON(S) NAMED AB	OVE TAKE NOTICE THAT.		
			·		
	Included	is the lease or leases or	other continuing contract or		
contr	acts by w	hich I hold the right to	extract oil and das OP		
	Included	is the information requir	ed by Chapter 22B Article 1		
Secti	on s(a) o	I the Code of West Virgin	ia (see page 2)		
T hav	e served	that as required under C	hapter 22B of the West Virginia Code		
accom	nanving d	ocuments pages 1 through	application, a location plat, and		
	Pers	onal Service (Affidavit a	on the above named parties, by:		
	Cert	ified Mail (Postmarked po	stal receipt attached)		
	Publ	ication (Notice of Public	ation attached)		
	I have re	ad and understand Chapter	22B and 38 CSR 11-18, and I agree		
CO CII	e cerms a	NG CONGITIONS OF ANY DERM	it issued under this appliantion		
	I CELLITY	under penalty of law tha	t I have personally evamined and		
T G 111 T	TOT MICH	the information submitted	On this application form and all		
respo	nsible fo	r obtaining the informati	ry of those individuals immediately on, I believe that the information		
is tr	ue, accur	ate, and complete.	on, I believe that the information		
	I am awar	e that there are signific.	ant penaities for submitting folds		
I am aware that there are significant penaities for submitting false information, including the possibility of fine and imprisonment.					
Well Operator Anvil Dix Co. Inc / O					
		By: <u>Justin L.</u> H	lenderson / Den		
		Its: Procdiont			

Address P.O. Box 1230

Telephone <u>3631362</u>

FAirmont, WV 26554

162 day of March

, 1990

_Notary Public

My commission expires

Subscribed and sworn before