



API # 47- 95-01541 s

State of West Virginia Division of Environmental Protection Section of Oil and Gas

Well Operator's Report of Well Work DEC 0 7 93

STACKPOLE, DARRELL/ GRACE Operator Well No.: STACKPOLE F-9 Farm name:

LOCATION: Elevation: 1,256.00 Quadrangle: CENTER POINT

> District: MCELROY County: TYLER Latitude:

12950 Feet South of 39 8000 Feet West of 80 Deg. 30Min. Deg. 40 Min. Longitude Sec.

Company: PENNZOIL PRODUCTS COMPANY P. O. BOX 5519 Casing | Used in Left Cement VIENNA, WV 26105-5519 Fill Up Tubing | Drilling | in Well|Cu. Ft. Agent: JAMES A. CREWS Size Inspector: MIKE UNDERWOOD Permit Issued: 06/07/93 Well work Commenced: 7/23/93 Well work Completed: 9/28/93 Verbal Plugging Permission granted on: 507 8 5/8 507 165 Sks. Rotary X Cable
Total Depth (feet)
Fresh water depths (ft) 3420 300 Sks. 3389.3 4 1/2 3389.3 N/A Salt water depths (ft) _ N/A Is coal being mined in area (Y/N)? N Coal Depths (ft):

OPEN FLOW DATA

Producing formation Gordon Pay z	zone depth (ft) 3262 - 3318
MCF/d Oil: Initial	open flow * Bhl/
TINGT ODEN TION * WORLD EISSI SE	£1
lime of open flow between initial and final	L
psiq (surface press	sure) after Hour:
Water Injection Well - Not Tested Second producing formation Pay 2	11041
Second producing formation Pay z	zone depth (ft)
ods. Initial open flow MCF/d Oil: Initial	open flow Bbl/
ringi Open Liow MCE/G Eipsi on	
or open flow between initial and final	tests
Static rock Pressurepsig (surface press	sure) after Hour:

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELLOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For:	PENNZOIL PROD	YCTS COMPANY	
	By: Junolly	H. S.	
	Date:	12/6/93	

TREATMENT:

Perforated:

3288 - 3292, 3295 - 3302 2 Holes Per Foot - 22 Holes

Treated:

300 Gal. 15% HCL Acid, 287 Bbl. Gelled Water &

1500# 80/100 Sand & 3500# 20/40 Sand

WELL LOG:

Sand & Shale	0 - 915
Sand	915 - 965
Sand & Shale	965 - 1140
Sand	1140 - 1190
Sand & Shale	1190 - 1540
Sand	1540 - 1578
Shale	1578 - 1740
Limestone	1740 - 1790
Sand & Shale	1790 - 1920
Sand	1920 - 2018
Sand & Shale	2018 - 2142
Sand	2142 - 2200
Shale	2200 - 2360
Little Lime	2360 - 2378
Pencil Cave	2378 - 2390
Blue Monday	2390 - 2420
Big Lime	2420 - 2500
Big Injun	2500 - 2685
Shale	2685 - 3262
Stray	3262 - 3284
Gordon	3284 - 3318

T.D.

3420

DF -411 DFT-419

FORM WW-3(B)	FILE COPY
(Obverse)	
10/91	



1)	Date: May	10,		_, 1993_
2)	Operator's Well No. R.	M. STA	CKPOLE	F-9
3)	SIC Code			
•	API Well NO.	47	095	· 1541-L
•		State	County	Permit
4	IIIC Permit No.			

06/07/93

STATE OF WEST VIRGINIA

NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION
for the

DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

LOCATION		1	256'		_	Wh.	d: Stack	nole Run	عد
	_	VII	cElroy		(5)			Quadrangle:	Centerpoint
WELL OF	District				s Co.			TED AGENT J.A.	
			ox 551		3 00.		,	dress P.O. Box	
Add	3,633		, WV		15		Au		WV 26105
OIL & GAS									
	Mike Un			בט			II) DRILLING	CONTRACTOR:	
Name	70 +		Box 13	5			Name	,	
Address.		em. WV					Address		
•					BE DI	RECTIONALLY I			
PROPOSE	n well w		Drill X		/ Drill	deeper		/ StimulateX	
r KOI OSE	D WELL W	OKK.				Perforale new			
			•			well (specify)			
GEOLOGI	CAL TARG	FT FORM			_	_		Depth 3215 feet	(top) to 3230 feet (botto
	depth of cor					sting well) 331	.5 ft.	•	, , , , , , , , , , , , , , , , , , , ,
	te water str			43			463 feet.		
	te coal seam		1000						
• •	ig mined in	-		No.	Χ,				-
	voir pressur			1		psig. Source	Estimated		
•	eservoir fra	_		350	00		_psig (BHFP)		
				ERAT	IONS:	Volume per hour:	25	Bottom hole pressi	ure 2380
								ES: Fresh water	. produced wate
acterici	des, an	d othe	r chem	ical	ls as	needed to mai	ntain wat	er quality & i	mprove oil reco
	IF ANY):	0				d/or Coal Bed			
						DOTHER CORROS		:	
31 ECH IC	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	on comm	02.0						
		IC PROC	RAM						
CASING A	AND TUBII	YU FKOO							
CASING A	AND TUBI!	_			8	POOTAGE INT	FRVAIS	F CEMENT FILLUP	PACKERS
CASING A		SPECI	FICATIONS Weight	.		FOOTAGE INT		CEMENT FILLUP OR SACKS	PACKERS
ASING OR UBING TYPE	Size	_	FICATIONS	New	Used	FOOTAGE INT	ERVALS Left in well		
ASING OR UBING TYPE	Size	SPECI Grade	FICATIONS Weight per ft.		Used	For drilling	Left in well	OR SACKS (Cubic feet)	PACKERS Kinds
ASING OR UBING TYPE		SPECI	FICATIONS Weight	New	Used	1		OR SACES (Cable feet) Cement to	Kinds
ASING OR UBING TYPE iductor th water	Size	SPECI Grade	FICATIONS Weight per ft.		Used	For drilling	Left in well	OR SACKS (Cubic feet)	
ASING OR UBING TYPE iductor th water	Size 8 5/8	SPECI Grade	FICATIONS Weight per ft.	X	Used	For drilling	Left in well	OR SACES (Cable feet) Cement to Surface	Kinds Sizes
ASING OR UBING TYPE iductor sh water if frmediate duction	Size	SPECI Grade	FICATIONS Weight per ft.		Used	For drilling	Left in well	Cement to Surface Cement over	Kinds Sizes
ASING OR UBING TYPE Iductor Ith water If remediate duction	Size 8 5/8	SPECI Grade	FICATIONS Weight per ft.	X	Used	For drilling	Left in well	OR SACES (Cable feet) Cement to Surface	Kinds Sizes Depths set
ASING OR UBING TYPE ductor th water frmediate duction	Size 8 5/8	SPECI Grade	FICATIONS Weight per ft.	X	Used	For drilling	Left in well	Cement to Surface Cement over	Kinds Sizes Depths set Perforations:
ASING OR UBING TYPE ductor h water J rmediate duction ing	Size 8 5/8	SPECI Grade	FICATIONS Weight per ft.	X	Used	For drilling	Left in well	Cement to Surface Cement over	Kinds Sizes Depths set
ASING OR UBING TYPE ductor th water frmediate duction	Size 8 5/8	SPECI Grade	FICATIONS Weight per ft.	X	Used	For drilling	Left in well	Cement to Surface Cement over	Kinds Sizes Depths set Perforations:
ductor h water frmediate duction ing	8 5/8 4 1/2	Greek L.S. J-55	PICATIONS Weight per ft. 20 10.5	X		506 3315	506 3315	Cement to Surface Cement over	Kinds Sizes Depths set Perforations:
ASING OR UBING TYPE iductor th water	8 5/8 4 1/2 NT'S OPE	Greek L.S. J-55	PICATIONS Weight per ft. 20 10.5	X X	uired fro	506 3315 R. M. St.	506 3315	Cement to Surface Cement over Salt Sand	Kinds Sizes Depths set Perforations:

FORM WW-3(A)
Obverse

i	O:	•			
	UIU Gastian				
-	MAY 1 2 93				
-	WV Division of Environmental Proto	J:1			
		_			

information is true, accurate, and complete. I

submitting false information, including the

possibility of fine and imprisonment.

1)	Date_	May	10	, 1993	
	Operat	or's			
2)	Well N	lo. R.	M.	STACKPOLE	F-9

3) SIC Code

4) API Well No. 47 - 095 - 1541 State County Permi

STATE OF WEST VIRGINIA

NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION for the

	-01
DIVISION OF OIL AND	D GAS, DEPARTMENT OF ENERGY
6) SURFACE OWNER(S) OF RECORD TO BE SERVED '	7 (i) COAL OPERATOR N/A
() · · ·	Address
(i) Name <u>Darrell & Grace Stackpole</u>	
Address Alvy, WV 26322	7 (ii) COAL OWNER(S) WITH DECLARATION ON RECOR
(ii) Name	NameAddress
(ii) NameAddress	
	7 (iii) COAL LESSEE WITH DECLARATION ON RECORD:
(iii) Name	Name
Address	Address
TO THE PERSON(S) NAMED ABOVE: You should hav	ve received this Form and the following documents
(1) The Application for a Liquid Injecti	on or Waste Disposal Well Work Permit on Form
	involved in the drilling or other work, and
(2) The plat (surveyor's map) showing th	
	in on Form WW-9 (unless the well work is only
reclamation for the site and access	plan for erosion and sediment control and for
The date proposed for the first injection	or waste disposal is, 19
THE REASON YOU RECEIVED THESE DOCUMENTS IS TH	AT YOU HAVE RIGHTS REGARDING THE APPLICATION
WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON	THE REVERSE SIDE OF THE COPY OF THE APPLICATION
(FORM WW-3(B)) DESIGNATED FOR YOU. HOWEVER,	YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.
Take notice that under Chapter 22B of the Wes	t Virginia Code, the undersigned well operator
proposes to file or has filed this Notice and	Application and accompanying documents for a
Well Work Permit with the Director of the Div	rision of Oil and Gas, West Virginia Department
of Energy, with respect to a well at the loca	tion described on the attached Application and
depicted on attached Form WW-6. Copies of th	is Notice, the Application, the plat, and the
Construction and Reclamation Plan have been m	mailed by registered or certified mail or deliv-
ered by hand to the person(s) hamed above (or before the day of mailing or delivery to the	by publication in certain circumstances) on or
before the day of marring of derivery to the	Director.
The person signing this document shall make t	he
following certification:	
"I certify under penalty of law that I h	ave Pennzoil Products Company
personally examined and am familiar with	the / Well pperator
information submitted in this document a	and all $\mathcal{L} \mathcal{L} \mathcal{L} \mathcal{L} \mathcal{L} \mathcal{L} \mathcal{L} \mathcal{L} $
attachments and that, based on my inquir	y of By fundly the
those individuals immediately responsibl	
obtaining the information, I believe tha	t the Its Supervisor - Surveying/Mapping

am aware that there are significant penalties for Telephone (304) 422-6565