



IV-35 (Rev 8-81)

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Well	No.	· -#] () 5 -	KEM	#348	
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WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

DISTRICT: Blarris County Wood Quadrangle Fond Creek District: Barris County Wood Quadrangle Fond Creek District: Barris County Wood Quadrangle Fond Creek DESTRUCT OF MEMORY CORPORATION DESTRUCT CONTROL Activer C. Youse ADDRESS Box 1433, Charleston, W. Va. DESTRUCT CAMER Herbert Galland DESTRUCT CAMER HERBERT CAMER AND AND ASSETTING CAMER AND ASS	T CONTINUIONI •	Elevation:	787	Watershe	d	Pond Cre	ek			
COMPANY DEVON ENERGY CORPORATION ADDRESS Dox 1433, Charleston, W. Va. DESIGNATED ACEMY Arthur C. Youse ADDRESS Box 1433, Charleston, W. Va. SIZE 20-16 Cond. ADDRESS Rt. 1, Box 77, Belleville, W. Va. MINERAL RIGHTS COMER Same ZGI33 ADDRESS as above OH: AND GAS INSPECTOR FOR THIS NOT: Deo Mice ADDRESS Sandridge, W. Va. PERGIT ISSUED February 3, 1982 DRILLING COMPATION OF DRY HOLE ON CONTINUOUS PICKRESSION FROM BRILLING GR REFORKING, VERBAL PERMISSION OBTAINED CON CEDIOGICAL TARKET FORMATION OF ISSUED GAS: Water strata depth: Fresh feet; Salt feet Coal seem depths: None reported Is coal being mined in the area? OPEN FLOW DATA Producing formation Devonian Shale Pay zone depth Molfs-3805 feet Final open flow 274 Nocf/d Final open flow hours Static rock pressure 725 psig (surface measurement) after 96 hours shut (If applicable dux to multiple completion-) Second producing formation Provention Prove flow Pay zone depth for Final open flow Pay zone depth four shut Final open flow Pref/d Oil: Initial open flow Pay zone depth four flow Pay zone depth four shut If applicable dux to multiple completion-) Second producing formation Provention Prove formation Provention Proventio	TOTALION.	District:	Marrie	County	Wood	<u> </u>	Quadrangle	Pond (Creck	
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DETAILS OF PERFORMED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHELLIS, LAY.

Perforated Oriskany Sand 4488-4492 N/4 shots/foot. Frac with 847 BBLS water, 50,000% 20/40 sand and 156,000 SCF nitrogen. Tested gas and salt water after frac. Set wireline bridge plug at 3915' with cal seal on top. Perforated 4-1/2" casing from 3618' to 3805' with 28 shots. Fractured Brown Shale with 365 BBLS water, 75,000% sand and 708,000 SCF nitrogen.

GHUMA

3618

WELL ICG

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				and sa.	It water,	coal, o	il and g
Soil		0	8				. *
Shale		8	53				,
Sand	•	53	289				
Shale	• '	289	392				
Sand		392	403				
Shale		403	465				
Sand		465	480		• •		
Shale	•	480	543		•		
Sand	•	543	578			•	
Shale	* a	578	647		•	•	
Sand		647	693				
Shale		693	1043				
Sand	ø -	1043	1102			•	
Shale		1102	1127		•		
Sand		1127	1143			•	
Shale		1143	1206			•	
Sand	·	1206	1244			•	
Shale		1244	1260				
Sand ·		1260	1270				
Shale		1270	1294				
Sand		1294	1355				•
Shale		1355	1445				•
Sand	•	1445	1543				• ,
Shale	•	1543	1563		•		
Sand	•	1563	1652				•
Big Lime	•	1652	1696		•		
Shale		1696	2130				
Coffee Shale	e _.	2130	2152				
Berea Sand		2152	2155				
Shale	·· · .	2155	3307				
Brown Shale		3307	3821				•
Shale	9 ~	3821	4212				
Marcellus S		4212	4389			•	
Onondaga L.		4389	4485	=			
Oriskany Sa		4485	4499				
Helderberg		4499	4575	-		•	
Log Total	Depth		4575				

(Attach separate sheets as necessary)

DEVON ENERGY CORPORATION	N	
Well Operator	•	
By: A. C. Hause		
A. C. Youse, Area Exp. Mgr		
Date: July 12, 1982		

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

evil, encountered in the drilling of a well."

ELEPHONE: (304) 348-3092



API #47 -	107	1206	*	λ
WELL NO.	10	15		~~
FARM	He	rbert	Galland	

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

DATE 1/27 , 1982

	OIL AND GAS	WELL PERMIT	
ELL TYPE: Oil/	Gas/		
(If "Gas", Prod	uction X / Unde	erground storage/	Deep/ Shallow/)
OCATION: Elevation:		ershed: Pond Cre	eek
			Quadrangle: Pond Creek 7-1/2
			NT Arthur C. Youse
Address PO Box 1			PO Box 1433
	on, W. Va. 25325		Charleston, WV 25325
IL & GAS OYALTY OWNER Herbert	Galland, et ux	COAL OPERATOR	Not operated
	ox 77		
	le, W. Va. 26133		
	-	· · · · · · · · · · · · · · · · · · ·	
Acreage 100 acre			WITH DECLARATION ON RECORD:
URFACE OWNER Same as	aboye	Name	
Address	•		RECEIVED
:		Name	FEB 2 - 1982
IELD SALE (IF MADE) TO: No	t Contracted	Address	OIL AND GAS DIVISION WY DEPARTMENT OF MINES
			WV DEPARTMENT OF MINES
Address			TH DECLARATION ON RECORD:
O CAO INCREOTOR TO BE A	IOTIFIED		
IL & GAS INSPECTOR TO BE N			
Ded Mace		Address	
Address Rt. 1, Box 5		-	
	V. Va. 25274		
The undersigned well operator is en	itled to operate for oil or ga	s purposes at the above locati	on under a deed/ leaseXX
her contract/ dated/	lay 25 , 19 <u>79</u>	_, to the undersigned well o	perator from Herbert
Galland, et ux said deed, lease, or other contra-			
ecorded on, 19	•	Clerk of the County Commiss	ion of Wood County, West
			County, West
est, in Lease Book			
PROPOSED WORK: Drill X			
Plug off old	formation/ Perf	orate new formation	
Other physica	d change in well (specify)		
			and the state of t
—planned as	shown on the work order	on the reverse side hereof.	
The above named coal operator, coal	owner(s), and coal lessee a	re hereby notified that any ob	jection they wish to make or are required to
ake by Code §22-4-3 must be filed	with the Department of Mi	nes within fifteen (15) days a	after the receipt of this Application by the
epartment.			
Copies of this Permit Application and	i the enclosed plat and recla	amation plan have been maile	d by registered mail or delivered by hand to
e above named coal operator, coal or	wner(s), and coal lessee on	or before the day of the maili	ng or delivery of this Permit Application to
e Department of Mines at Charles	ion, West Virginia.	•	
EASE SUBMIT COPIES OF ALL			
EOPHYSICAL LOGS DIRECTLY		DEVON	ENERGY CORPORATION
EST VIRGINIA OIL AND GAS		à.	Well Operator
CONSERVATION COMMIS-		By	the Collans
SION DIS WASHINGTON STREET EAST	翻译 隨霧 黃名 黃 花 花 卷 卷 卷 卷 卷 卷 卷 卷 卷 卷 卷 卷 卷 卷 卷 卷 卷	112	thur C. Youse,
HARLESTON, WV 25311			

ORM IV-2 Reverse) 08-78)

PROPOSED WORK AUDER

THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

ILLING C	UNIKAU	IUK (II	· KNUW	-	************	PO Box 38	······································			
				AU			W. Va. 250)71		
OLOGICAI	TARGE	ET FORI	MATION				Sand			
								_XX/ Cal	ole tools	1
Approxi	mate wat	er strata	depths:	Fres	h. 1	ISO feet	: wit 1500) feet.		_'
Approxi	mate coa	l seam d	eoths:	None	e .	Is coal	haing mined	in the area? Yes	/ No	XX /
ING AND	TUBIN	G PROG	RAM	-Ant	icipa	ited-"	Ooms made		140	1
nio mi	, , 0 1 / 1 / 1		******							
NG OR	SPE Size	CIFICAT	IONS Weight per ft	New	Usad	FOOTAGE	INTERVALS	CEMENT FILL-UP OR SACKS (Cubic faet)	PACKERS	
luctor									Kinds	
Water	10 3/4			x		300	300	125 sax	To surface	
		·					.,,,,,,		Sizes	
madlata	7			x		1750	500	75 sax	430 feet	
ıction	4 1/2			Х		. 1750	4550	225 sax	Dapths set 2700	feet
1g	2 3/8			X	<u> </u>		4450			
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previo Code A s	ously paid \$22-4-8a eparate Fo	on the safrom the orm lv-2 s	ame well e owner shall not l	the fe of any se requ	e requ wate uired f	uired by Code § r well or dwell or fracturing or	22-4-12a, and (value of the stimulating a value	2-4-12b and Regular v) if applicable, the confect of the propose well where fracturing Form IV-2 filed in confect.	onsent required by d well. or stimulating is to	
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THIS PERM	ALL MUS	57 BE P	OSTED /	AT TH	E WE	LL SITE				
All provis	ions bair	ıg in ac	cordance	with	Chap	er 22.				
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operations	rilling		. This p	ormit s 1	shall e	xpire if		Λ Λ		•
and July same Supplied to Supplied and	110010 110	COGITIE:	nced by_		// //	O Z				
Deputy	Director	- Oil & (Gas Divi	<u>L</u>	September 19 (19 cm)	·		X		
				2011						
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								lowner or coal lessee ifteen (15) days of r		a
				•		WAIV	ER			
ie undersig	gned coal	operator	•	_/ owr	ner	/ Insens	· / of	the coal under this v	rall browless	
undersign	ed has no	objectio	map exis	work i	on cove propos	ers the area of t ed to be done	The Well lacation	t, the well location has never the most	ic boom added a landar at	,
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