



IV-35 (Rev 8-81)



OIL & GAS DIVISION

DEPT. of MINES



State of Mest Airginia Bepartment of Mines

Bepartment of Mines

Oil and Gas Division

Date	December 19, 1983
	tor's
Well	No. 1 - 1917
Farm	Kenneth & Gladys Price
ADT N	15 47 - 057 - 0310

WELL OPERATOR'S REPORT

CZ

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WEIL TYPE: Oil / Gas $_{\rm X}$ / Liquid Injection (If "Gas," Production $_{\rm X}$ / Underground	n_/Wast und Storag	ce Disposa ge/ Deep	l/ p/ Sha	llow <u>x</u> /)
IOCATION: Elevation: 797.35' Watershed_				
District: Clendenin County Mason		Quadrangle	Apple Gr	rove
<u> </u>		_		
COMPANY Union Drilling, Inc.				
ADDRESS P. O. Drawer 40, Buckhannon, WV 26201	Casine	Used in	Toft	Cement
DESIGNATED AGENT Joseph C. Vanzant, Jr.	Casing Tubing	Drilling		fill up Cu. ft.
ADDRESS P. O. Drawer 40, Buckhannon, WV 26201	Size	DITTING	TI WELL	Cu. Ic.
SURFACE OWNER Sold to Dale Nibert	20-16		## 00	
ADDRESS Apple Grove, WV 25502	Cord.	37.00	37.00	
MINERAL RIGHTS OWNER Sold to Dale Nibert	13-10"	071 00	077 00	770 - 0
ADDRESS Apple Grove, WV 25502	9 5/8	971.90	971.90	372 cf.
OTL AND GAS INSPECTOR FOR THIS WORK Jerry	8 5/8			
Taphabock ADDRESS Rt. #1, Box 101-A Ripley, WV 25271	7	2164.50	726.50	59 cf.
PERMIT ISSUED October 27, 1983	5 1/2			
DRILLING COMMENCED 11/01/83	4 1/2		3262.15	4
DRILLING COMPLETED 11/08/83	3	(Ran gel to 3272	in hole f feet)	om 11)
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2		,	
CONTINUOUS PROGRESSION FROM DRILLING OR	Liners		•	
REWORKING. VERBAL PERMISSION OBTAINED ON	used			!
GEOLOGICAL TARGET FORMATION Devonian Shale	2	Dep	th 5000	feet
Posth of completed upl 4006 feet	Rotary	x / Cabl	- സിം	
Water strata depth: Fresh 1616'; feet;	Salt	feet		
Coal seam depths: none				area? No
-	•	•		
OPEN FLOW DATA	5		LL 7220	Enah
Producing formation Devonian Shale				
Gas: Initial open flow show Mcf/d				
Final open flow (223) Mcf/d			•	
Time of open flow between init		•		
Static rock pressure 600 psig(surface		ment) arte	<u> </u>	us shut in
(If applicable due to multiple completion			. L	E nst
Second producing formation Mef/d				
Gas: Initial open flow Mcf/d				
Final open flow Mcf/d				
Time of open flow between init				
Static rock pressurepsig(surface	measuren	ent) after	nov	urs snut in JAN 0 100

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

On 11/30/83 Dowell Foam Fractured the Devonian Shale (2590/06, 2896/2988, 3022/3220) with 60,000# sand, 1500 gallon 15% HCL, 1,150,000 SCF/Nitrogen and 299 BBL Water.

896

75 30 B

. 350 9 - 2005 - 15

WELL LOG

		·	
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fres and salt water, coal, oil and ga
Sand and Shale Big Lime Big Injun Sand and Shale Berea Top of Devonian Shale Bottom of Devonian Shale Onondaga (Big Lime of Ohio) Tuscarora (Clinton) Sand and Shale Junion France (Clinton)	0 1362 1450 1616 2028 2052 3548 4716 4743	1362 1450 1616 2028 2052 20 3548 4716 4743 TD 4906	Water at 1140' 1/2" stream Water at 1300' 1/2" stream Water at 1616' 1" stream Water at 2035' 1½" stream State Show of gas at TD 2/10 -1" water
12000 1911 4390 ·			3548 2052 1496
How 2870 - 32 2560-	-		2000 1227 2518

(Attach separate sheets as necessary)

UNION DRILLING, INC.

Well Operator

Date: 12/19/83 Joseph C. Pettey, Vice President of Prod.

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 end, encountered in the drilling of a well."



1)	Date:_	October	17	·	19_83
•	_				

2) Operator's Well No.

- 1917

0310 -Rev 053 3) API Well No. County Permit

To revise application from shallow well to deep well

File

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

5) LOCATION: Description	(If "Gas", Prelevation: 7 District: C R Union O Draw GUCKhanno GUC	roduction 97.35 lenden Drilli wer 40 n, WV E NOTIFI bock x 101- 2527 Drill X Plug off Other ph IATION, I well, Fresh, Is:	X nin ing, Inc.) 26201 IED A 71 Cold formatic ysical change Clinto 5,000 ?	Watershed: F County: M County: M Description Ill deeper Description In well (specify) In feet feet; salt,	Address 9) DRILLING C Name <u>Uni</u> Address/ Redrill	Quadrangle: Quadrangle: DAGENT Joseph P. O. Drawer Buckhannon, CONTRACTOR: ion Drilling, P. O. Drawer Buckhannon, Stimulate	r 40 WV 26201 Inc. r 40
B LOCATION: WELL OPERATO Address F OIL & GAS INSPI Name Jet Address ROU Rig PROPOSED WEL GEOLOGICAL TA 12) Estimated dept 13) Approximate to 14) Approximate to 14) Approximate to 14) CASING AND TU ASING OR URING TYPE Size	(If "Gas", Prelevation: 7 District: C R Union O Draw GUCKhanno GUC	roduction 97.35 lenden Drilli wer 40 n, WV E NOTIFI bock x 101- 2527 Drill X Plug off Other ph IATION, I well, Fresh, Is:	X nin ing, Inc.) 26201 IED A 71 Cold formatic ysical change Clinto 5,000 ?	Watershed: F County: M County: M Description Ill deeper Description In well (specify) In feet feet; salt,	Platfoot Creates Institute Platfoot Creates Platfoot Creates Platfoot Creates Address Platfoot Creates Address Platfoot Creates Platfoot Creat	Quadrangle: Quadrangle: DAGENT Joseph P. O. Drawer Buckhannon, CONTRACTOR: ion Drilling, P. O. Drawer Buckhannon, Stimulate A stimulate	Apple Grove h C. Vanzant r 40 WV 26201 Inc. r 40 WV 36201
WELL OPERATO Address _ F OIL & GAS INSPI Name _ JeT Address ROU Rip PROPOSED WELL GEOLOGICAL TA 12) Estimated dept 13) Approximate to 14) Approximate to CASING AND TU ASING OR UNING TYPE Size	Elevation: 7 District: C R Union O. Draw Buckhamo Buckham	97.35 lenden Drilli wer 40 n, WV E NOTIFI bock x 101- 2527 Drill X Plug off Other ph IATION, I well, Fresh, Is:	nin ing, Inc.) 26201 IED -A 71 old formatic ysical change Clinto 5,000 ?	Watershed: F County: M County: M Description Ill deeper Description In well (specify) In feet feet; salt,	Platfoot Creates Institute Platfoot Creates Platfoot Creates Platfoot Creates Address Platfoot Creates Address Platfoot Creates Platfoot Creat	Quadrangle: Quadrangle: DAGENT Joseph P. O. Drawer Buckhannon, CONTRACTOR: ion Drilling, P. O. Drawer Buckhannon, Stimulate A stimulate	Apple Grove h C. Vanzant r 40 WV 26201 Inc. r 40 WV 36201
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WELL OPERATO Address F OIL & GAS INSPINAME Jet Address ROU Rig PROPOSED WEL GEOLOGICAL TA 12) Estimated dept 13) Approximate to 14) Approximate to CASING AND TU SENG OR BEING TYPE Size	R Union O. Draw Suckharmo Scror to Bi Ty Tepha Ite 1, Bo Iey, WV L WORK: ARGET FORM h of completed rata depths: I oal seam depth BING PROGE	wer 40 n, WV E NOTIFI bock x 101- 2527 Drill X Plug off Other physical ATION, i well, Fresh, us:	26201 A 71 old formatic ysical change Clinto 5,000 ?	ll deeper	7) DESIGNATE Address 9) DRILLING C Name <u>Uni</u> Address / Redrill	EDAGENT Joseph P. O. Drawer Buckhannon, CONTRACTOR: ion Drilling, P. O. Drawer Buckhannon, / Stimulate_)	h C. Vanzant r 40 WV 26201 Inc. r 40 WV 36201
AddressE	C. O. Drawckhamood Coron To Bird Tephalite 1, Booley, WV L WORK: ARGET FORM the of completed rata depths: I coal seam depth BING PROGE	wer 40 n, WV E NOTIFI bock x 101- 2527 Drill X Plug off Other physical ATION, i well, Fresh, us:	26201 A 71 old formatic ysical change Clinto 5,000 ?	ll deeper	Address 9) DRILLING C Name <u>Uni</u> Address/ Redrill	P. O. Drawer Buckhannon, CONTRACTOR: ion Drilling, P. O. Drawer Buckhannon, / Stimulate_	r 40 WV 26201 Inc. r 40 WV 26201
OIL & GAS INSPINAME JET Address ROURITE PROPOSED WELL GEOLOGICAL TA 12) Estimated dept 13) Approximate to Approximate to CASING AND TU SENG OR BRING TYPE Size	CUCKharmo CUCKHA	n, WV E NOTIFI bock x 101- 2527 Drill X Plug off Other physication, i well, Fresh, Is:	A 71 Old formatic ysical change Clinto 5,000 ?	ll deeper	9) DRILLING C Name <u>Uni</u> Address/ Redrill	Buckhannon, CONTRACTOR: ion Drilling, P. O. Drawer Buckhannon, / Stimulate	WV 26201 Inc. r 40 WV 26201
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13) Approximate to 14) Approximate concentrate CASING AND TUSING OR MING TYPE	rata depths: I oal seam depth BING PROGI	Fresh, 1s:	?	feet; salt,			
14) Approximate c CASING AND TU SING OR BING TYPE	oal seam depth BING PROGI	ıs:	_		?	feet.	
CASING AND TU SING OR MING TYPE Size	BING PROGI			Is con	al being mined in th		OH & GAS DIVISION
SENG OR MING TYPE Size			•		a comp inner in th	ic aica. Tes	OH,& GAS DIVISION DEPT. OF MILE
MING TYPE Size		ICATIONS		FOOTAGE II	NTERVATE	CEMENT FILL-UP	PACKERS
	اسما	Weight	N-1 1	Įį.	1	OR SACKS	ACKERS
enctor 11-:	Grade	per ft.	New Used	For drilling	Left in well	(Cubic feet)	
	/ 	_36#	-X-	700	700	to surface	Kinds
h water				 		- 	
	: 	20#	77	2000	2000		Sizes
remodiate 8_5		20#	X	2000	2000	350 sks.	
tuction 4-1	/ [10.5#	-X- 	5000	5000	500 sks.	Depths set
ing							
							Perforations:
				-			Top Bottom
				<u> </u>			
- CalbinCl			l	<u> </u>	L		.11
					i i		
	++			OFFICE USE C	NII V		
				DRILLING PE			
				DRILLING PE	MIVII I		
nit number 4	7-053-031	<u>.0-Rev</u>		-		Oc	tober 27, 19 83
							<u> </u>

,		gust 20	0	, 19	85_
2)	Operator's Well No	L - 19	17		
3)	API Well No.	47 -	053 -	0310	
		State	Coun	ty	Permit

File

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION APPLICATION FOR A WELL WORK PERMIT

4) WELL TY	PE: A O	il	/ Ga	s <u>X</u>	/					
	В (І	f "Gas",	Production	ı	_x/	Underground st	orage	/ Deep	_/ Shallow	X/)
5) LOCATIO	N: Ele	vation: _	797	.35		Watershed:	Elatfoot Cre			
	Dis	strict:	Clende	nin		County: Mas	son	Quadrangle:	Apple Gr	ove
6) WELL OP	ERATOR_	Union	Drill	ing.	Inc.			AGENT Joseph		
Address			Drawe				Address		Drawer 40	100
		Buckh	annon.	WV	26201		12021000		nnon. WV	26201
8) OIL & GA	S INSPEC		-		187		DRIEBNECO		IIIIVII, IIV	_20201
Name Ke					5 N.S.	用いる価値		on Drilling.	Inc	
Address		FD #1			2	Laces	Address	P. O. Drawer		***************************************
: 12505			sville	WV	25504			Buckhannon.		
10) PROPOSE			Drill	•		ThUG 있 및	1983 Redrill	•		
IU) PROPOSE	D WELL	WUKK:						/ Stimulate	<u>X</u> /	
•					ormation	Periora	te new formation	/		
11) CEOLOGI	CAL TAD	CET EOD	Other pi	nysicai	change in we	O LEP CE I COAS C	HOISION			
11) GEOLOGI					00 00	an Shale	MINEC			
12) Estima	•	-	-		300	reet				
13) Appro		_				feet; salt,		feet.		
14) Appro		_				Is coa	being mined in the	area? Yes	/ No	/
15) CASING A	" YND IOBI									
CASING OR TUBING TYPE		SPEC	IFICATIONS Weight	i .		FOOTAGE IN	TERVALS	CEMENT FILL-UP OR SACKS	PACKE	RS
	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	<u> </u>	·
Conductor	9 . 5/8		36#	<u> </u>		300	300	to surface	Kinds	
Fresh water										
Coal							****		Sizes	
Intermediate	7		20#	<u>x</u>		. 2250	2250	400 sks.		
Production	4 1/2		10.5#	x			3500	350 sks.	Depths set	
Tubing										
Liners									Perforations:	
· · ·									Тор	Bottom
- 1 + -			-							
					:					
					OF	FICE USE O	NLY			
					DR	ILLING PER	RMIT			
		47-053	-030 8			٠				02
Permit number_	·	- 77-033	-UJAF7							1983
Th	-1 41	.11						Dat	=	
i nis permit cove	ring the wo	onditions	or and well	locatio erein a	n snown bei	ow is evidence of	permission grante	ed to drill in accordan	ce with the perti	inent legal re-
No. 8) Prior to t	he construc	tion of ro	ads, locati	ons and	pits for any	permitted work.	In addition, the we	ell operator or his con	ractor shall not	ify the proper
district oil and g	as inspecto	r 24 hours	before ac	tual per	mitted work	has commenced	.)	•		,e proper
The permitted w	ork is as de	scribed in	the Notice	and A	pplication, p	lat, and reclamat	ion plan, subject to	o any modifications a	nd conditions sn	ecified on the
reverse hereof.					110	•	, , , , , , , , , , , , , , , , , , , ,		co	cerried on the
Permit expires _		Septe	mber 2	6, 19	985	unless well w	vork is commenced	prior to that date and	prosecuted with	due diligence.
										C
Bond:	Agent	. ,	Name of	Casin	Fee					
L L	Agen				ント			. نوه می	, //	,
		13	7 14	10,	008	520		/		
$\overline{/}$			***************************************					////	こってい	
							Admi	nistrator, Office of O	il and Gas	
NOTE: Keep o	ne copy of	this perm	it posted a	t the dr	illing locatio	n.				

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.