



IV-35 (Rev 8-81)



OIL & GAS DIVISION

DEPT. OF MINES State of Mest Birginia Bepartment of Mines

wieinich erd und lich

Date	February 14, 1984					
Operator's						
Well No	4 - 1962	_				
Farm	Dale Nibert #4					
API No.	47 - 05 3 - 0315					

WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIM	ULATING, O	R PHYSICAL	CHANGE	
WELL TYPE: Oil / Gas X / Liquid Injection (If "Gas," Production / Undergro	und Storag	e/ Deep	/ / Sha	llow <u>x</u> /)
IOCATION: Elevation: 657' Watershed_	Flatfoot	Creek		-
District: Clendenin County Masor	1	Quadrangle	Apple (Grove
ADDRESS P.O.Drawer 40, Buckhannon, WV 26201			T . C .	Cement
	Casing	Used in		fill up
DESIGNATED AGENT Joseph C. Vanzant.Jr.	Tubing	Drilling	in Well	Cu. ft.
ADDRESS P.O.Drawer 40, Buckhannon, WV 26201	Size 20-16			·
SURFACE CWNER Dale & Nancy Niebert	Cord.			
ADDRESS Apple Grove, WV 25502	13-10"	27'		
MINERAL RIGHTS OWNER same	9 5/8	921'		101 cf
ADDRESS	8 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK	7	1992.25	708.45	65 cf
Jerry Tephabock ADDRESS Rt #1.Box 101-A.Ripley, WV	5 1/2			
PERMIT ISSUED 11/28/83 25271	4 1/2	3179.80		96 cf
DRILLING COMMENCED 2/2/84	3			
DRILLING COMPLETED 2/8/84	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REPORKING. VERBAL PERMISSION OBTAINED	Liners used		·	
ON			<u></u>	<u> </u>
GEOLOGICAL TARGET FORMATION Devonian Shale			th350	
Depth of completed well 3256' feet				
Water strata depth: Freshfeet;				
Coal seam depths: none	_ Is coal	. being min	ed in the	area? no
OPEN FLOW DATA -				
Producing formation Lower Huron	Pa	ly zone dep	th	feet
Gas: Initial open flow show Mcf/d				
Final open flow (189) Mcf/d	Fi	inal open f	low	Bbl/d
Time of open flow between ini	tial and f	inal tests	<u>2</u> h	ours
Static rock pressurepsig(surfa	ce measure	ement) afte	r_ho	urs shut in
(If applicable due to multiple completio				
Second producing formation	Pa	ay zone dep	oth	feet
Gas: Initial open flow Mcf/d	Oil: I	uitial oper	flow	Bb1/d
Final open flowMcf/d				
Time of open flow between ini				

Static rock pressure _____psig(surface measurement) after__

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

B.J.Hughes - 1 stage Foam Frac - 2/15/84

2733/3054 - Lower Huron - 65,000 # sand,238 Bbls water and 1,259,000 scf nitrogen

WELL LOG

WELL LOG							
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas				
Sand & Shale Red Rock Sand & Shale Big Lime Injun Berea Lower Huron	0 130 168 1215 1348 1875	3066	1/2" stream of water @812' 1/4" stream of water @1032;1369 & 1434'				
Angola	30 66	3205 3256	T.D. Gas Odor				
•			from GP log - el. 687 148 H- 2725_3066 341 J. 3066-3198 Chy 4 3172-				
			424 K (*).				
			\$ Ca .				
<u>-</u>	•						

(Attach separate sheets as necessary)

UNION DRILLING, INC.	_
Well, Operator	
By: Carl Colly	
Date: Vice President of Production	·

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

STOLES TO STOLE ST

)	Date:	November	9	

2) Operator's Well No. 4-1962

3) API Well No. $\frac{47 - 053 - 0315}{\text{State}}$

Permit

File

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

				A	PPLICA	TION FOR A WE	LL WORK PERMIT			
4) WELL TY	PE: A O	il	/ G	as <u>X</u>						
	В (І	f "Gas", I	Production	n <u>X</u>		/ Underground	storage	/ Deep	/ Shallo	w X
5) LOCATIO	N: Ele	vation: _	657.1	1		Watershed: _	Flatfoot Cre			,
	Dis	trict: Cle	<u>endeni</u>	n		County: <u>M</u>	ason	Quadrangle:	Apple G	rove
6) WELL OP	ERATOR_	Union	<u>Drill</u>	ing,	Inc.		7) DESIGNATED	AGENT JOSE	eph Vanzai	nt
Address	Post	Offic	ce Dra	wer ·	40		Address	Post Office	e Drawer 4	40
•	<u>Buck</u>	hannoi	n, WV	26	201			Buckhannon	, WV 262	201
8) OIL & GA	S INSPEC	TOR TO	BE NOTI	FIED			9) DRILLING CO	ONTRACTOR:		
NameJ	erry Te	phabo	ck				Name <u>Unior</u>	n DRilling,	Inc.	
Address			80x 10	1-A_			Address	Post Office	e Drawer 4	40
	Ripl	ey, W	V 25	271			· · · · · · · · · · · · · · · · · · ·	Buckhannon	<u>, WV 262</u>	201
10) PROPOSE	D WELL V	VORK:	Drill	Χ	_/ Drill	deeper	/ Redrill	/ Stimulate_	X /	
			Plug of	f old	formation	n/ Perfo	rate new formation_		200	2000
			Other p	hysical	change is	n well (specify)			0) 2 (5)	37 /N P
11) GEOLOGI	CAL TAR	GET FOR	MATION			n Shale				5
12) Estima	ated depth o	f complet	ed well,	<u>35</u>	<u>00'</u>	feet		·	الاصلام الألف	1 0 1002
13) Appro	ximate trata	a depths:	Fresh, _			feet; sal	t,?	feet.	NOA	1 0 1983
14) Appro	ximate coal	seam dep	ths:	?		Is co	oal being mined in the	area? Yes	/2. No	AS DIVISION
15) CASING A	AND TUBI	NG PROC	GRAM					_		
CASING OR	1	SPEC	IFICATIONS	3	. 1	FOOTAGE	INTERVALS	CEMENT FILL)\FPT. K	SKER MINE
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)		
Conductor	11-3/4		32		Χ	30'	30'		Kinds	
Fresh water						150'	1501	Coment to	1	hurute
Coal								Certain 10	Sizes	by ruc
Intermediate	8-5/8		23		X	1000'	1000	286 sacks	Sizes	•
Production	4-1/2	J-55		Χ		3500'	3500'	1013 sacks	Depths set	29. by Tu
Tubing									Depuis sec	0 134
Liners									Perforations:	
									Top	Bottom
									1 100	Bottom
·										
		: :	:		*		-1	H	U	
	+									
•			•			OFFICE USE	ONLY			
						DRILLING PE				
	/.7	-053-0	21 5							
Permit number_	4/-	<u>-055-0</u>	212		 				November :	28 1983
									Date	
This permit cove	ring the we	ll operato	r and well	location	on shown	below is evidence	of permission grante	d to drill in accord	lance with the p	ertinent legal re-
quirements subje	the construc	natuons c	ontained i	nerein a	ind on the	e reverse hereof. N	otification must be g k. In addition, the we	iven to the District	Oil and Gas Ins	spector, (Refer to
district oil and g	as inspector	24 hours	before ac	tual pe	rmitted w	ork has commence	ed.)	in operator or his c	ontractor shall	nouty the proper
							ation plan, subject to	any modification	and conditions	
reverse hereof.	O1 K 13 43 40		:			ii, piat, and recian	ation plan, subject to	any modifications	s and conditions	specified on the
Permit expires _		Nove	mber 2	8, 1	985	unless wel	l work is commenced	prior to that date a	nd prosecuted w	ith due diligence
•								prior to that date a	a prosecuted w	im due dingence.
Daniel I	A	.7/				_	<u>.</u>			
Bond:	Agent		riat:	Casin	Ig-	ree	•			
		012	141	m_L	1 /	574		مرادات المستديد المستسيد		Jan X
*			• • •				·	1		
					,					
Bond:	Agent	00	Plat:	Casin	1 /	Fee S74 —	Admi	nistrator, Office of	Oil and Gas	/ `.

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