

BIAS BLUEPRINT INC. Huntington, W.V. unnamed (D) Colo

IV-35 (Rev 8-81)

OIL & GAS DIVISION Department of Mines
DEPT. OF. MINESDII und Vas Pivision

Date	April	4, 198	34				
Operator's							
Well No.	2	- 19	68				
Farm j	ohn B.	Walla	ce	#2			
API No.	47 -	053	_	0322			

WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

(If "Gas," Production / Undergrou	nd Storag		/ Sha	llow_x/)
OCATION: Elevation: 590' Watershed  District: Clendenin County Mason		0.242224	Apple G	rove
District: Clendenin County Index	· 	Quadrangie	3	
CMPANY UNION DRILLING, INC.				
DDRESS P.O.Drawer 40, Buckhannon, WV 26201	Caşing	Used in	Left	Cement
ESICNATED AGENT Joseph C.Vanzant,Jr.	Tubing	Drilling		fill up Cu. ft.
DDRESS P.O.Drawer 40, Buckhannon, WV 26201	Size	32222-19		
URFACE OWNER John B.Wallace	20-16			
DDRESS Apple Grove, WV 25502	Cord.			
INERAL RIGHTS OWNER Same	13-10"	781.85'		
ADDRESS	9 5/8	/61.63		
OTT, AND GAS INSPECTOR FOR THIS WORK	8 5/8	1926.15	713.55'	59 cf
rry Tephabock ADDRESS Rt #1,Box 101-A,Ripley,WV	7	1920.13	,	33 02
PERMIT ISSUED 12/29/83 25271	5 1/2			110 6
ORILLING COMMENCED 3/7/84	4 1/2	3168.65'		119 cf
ORILLING COMPLETED 3/13/84	3			
F APPLICABLE: PLUGGING OF DRY HOLE ON	2			
CONTINUOUS PROGRESSION FROM DRILLING OR	Liners		·	
REWORKING. VERBAL PERMISSION OBTAINED ON	useđ			;
	<u></u>	Don	+h 3000'	feet
GEOLOGICAL TARGET FORMATION Lower Huron	2-1 Y	Dep	<u> </u>	1000
Depth of completed well 3222' feet 1				
Water strata depth: Fresh 90',1130'feet;				
Coal seam depths: 330/336	Is coal	being min	ea in the	area?
OPEN FLOW DATA -				
Producing formation Huron	Pa	y zone dep	th3002	etfeet
Gas: Initial open flow show Mcf/d	Oil: In	itial open	flow	Bb1/d
Final open flow 119 Mcf/d	Fi	nal open f	low	Bb1/d
Time of open flow between init	ial and f	inal tests	6 days bo	RYCH
Static rock pressure not taken psig(surfac	e measure	ment) afte	r_hou	ırs shut ir
(If applicable due to multiple completion	)			•
Second producing formation_	Pa	y zone dep	oth	fee
Gas: Initial open flow Mcf/d				
Final open flow Mcf/d				
Time of open flow between init				
		ent) after		

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

3/25/84 - Halliburton - 1 stage Foam Frac

2685/3002 - Huron - 60,000# 20/40 sand,247 Bbls water and 1,009,000 scf nitrogen

## 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 Coal Sand & Shale Big Lime Sand & Shale Injun Sand & Shale	0 154 330 336 1153 1255 1307 1397	154 330 336 1153 1255 1307 1397 1828	l½" stream water @90' ½" stream salt water @855' l½" stream water @1130'
Berea Upper Huron Lower Huron  From 6P  Berec 222 1858 (33)  H-2665 3008 (243)  T 3508-3122 (04)  A 3112-	1828 2672 2808	1852 2808 3010 <del>\$508</del>	T.D. gas show @T.D.

(Attach separate sheets as necessary)

UNION DRILLING, INC.	
Well Operator	
By: () asyn a feller	
Date: Joseph C.Pettey, Vice President of Production	

4/4/84

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:_December	8	-	19_83
2)	Operator's			

Well No. 1968 (2)

3) API Well No.  $\frac{47 - 053 - 0322}{\text{State}}$  County

Permit

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

				_			- Jan I Dadill		
4) WELL TY	PE: A	Oil		Gas	X/				
		If "Gas"	Production		X	/ Underground s	torage	/ Deep	/ Shallow X/)
5) LOCATIO		evation:		90.9	±	Watershed: _	<u>Jerrys Ru</u>	n	
6) WELLO			lenden		<del>-</del>	County: <u>Ma</u>		Quadrangle:	Apple Grove
6) WELL OF	EKATOK Doc	701100		ing,	Inc.		<ol><li>DESIGNATE</li></ol>	DAGENT _Josep	oh C. Vanzant, Jr.
Addres			ice Dr on, WV				Address	Post Office	
8) OIL & GA					<u> 201</u>	<del></del>	•	Buckhannon.	WV 26201
	Jerry 1			FIED			9) DRILLING C		<del>-</del>
Addres			Box 1	01-A				on DRilling,	
		ley,		5271	·	<del></del>	Address	Puckhannan	Drawer X 40
10) PROPOSE	D WELL	WORK:	Drill	17	_/ Drill	doanar	/ 55 - 1 '11	Buckhannon,	
						Perfora	/ Kedrill	/ Stimulate	
			Other r	hysical	change in	well (specify)			
11) GEOLOG	CAL TAR	GET FOR	MATION	, <u>-</u> De	vonia	n Shale /	OW FR.	HURON	assert a series of the series of
12) Estima	ated depth	of comple	ted well,		3000	feet		70.0070	
13) Appro						feet; salt,	?	feet.	DEL AL BAS DIVISIO
14) Appro				·	?	Is coa	being mined in the	e area? Yes	No.
15) CASING A	AND TUBI	NG PRO	GRAM			•	-	1	CF WHIN
CASING OR TUBING TYPE		SPEC	IFICATION:	<b>S</b> .	11	FOOTAGE IN	TERVALS	CEMENT FILL-UP	PACKERS
	Size	Grade	per ft.	New	Used	For drilling	Left in weil,	OR SACKS (Cubic feet)	
Conductor	11-5/8		32		X	30'	30'		Kinds
Fresh water			ļ	l 					
Coal	0 5/0		27						Sizes
Intermediate	8-5/8	-	23		X	1000' 790	1000 790	210 sacks	TS NEAT
Production	4-1/2	J	10.5	X		3000'	3000'	640 sacks	Depths set
Tubing Liners	<u> </u>							or as	Pa. by rule 15.
									perforations:
								<b> </b>	Top Bottom
						•		<u> </u>	
	tt							II	
									•
	•					OFFICE USE O	VI.Y		
						RILLING PER			
ermit number		47-053	3-0322					Dec	ember 29, <sub>19</sub> 83
								Dot	, 19
his permit cover	ing the wel	ll operato	r and well	locatio	n shown l	below is evidence of	permission grante		
strict oil and ga	s inspector	24 hours	before ac	ual per	mitted wo	ork has commenced.)	n addition, the we	ell operator or his con	il and Gas Inspector, (Refer to tractor shall notify the proper
								any modifications	nd conditions specified on the
		Decem	ber 29	100	5	, , ,	on plan, subject to	any modifications a	nd conditions specified on the
ermit expires		Decen	DCI 20	, 130	<del></del>	unless well w	ork is commenced	prior to that date and	prosecuted with due diligence.
	<del></del>			······································					and ampenet.
Bond	Agent:	↓ P	lat:	Casing		Fee			
	On	$+\lambda$	n11	m	1100		-0		.1
<u> </u>	~ 13		'/'	1//	V 15	74.	1/0-	. 111	/
							1 larga	<u> </u>	asse
OTE: Keep on	copy of t	his permit	posted at	the dri	lling locat	ion.	Admir	nistrator, Office of O	l and Gas
					iocai				

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