

aaé's

BIAS BLUEPRINT INC. Huntington W.V. C-G unnamed (0)



IV-35 (Rev 8-81)

OIL & GAS LIVISION

## State of Mest Nirginia

Bepartment of Mines Wil und Cas Bivision

Date	Febr	uary 7,	1984	
Operato				
Well N	o	1 - 19	63	
Farm_	Mason	County	Commissio	n
API No	<u>47</u>	053	- 0317	•

DEPT. OF MINES

WELL OPERATOR'S REPORT

OF

DRILLING,	FRACTURING	AND/OR	STIMULATING,	OR	PHYSICAL	CHANGE

WELL TYPE: Oil / Gas x / Liquid Injection (If "Gas," Production / Underground	nd Storag	e/ Deep	/ Shai	llow <u>x</u> /)
LOCATION: Elevation: 712' Watershed	Flatfoot	Creek		
District: Clendenin County Mason		Quadrangle	Apple G	rove
·				_
COMPANY UNION DRILLING, INC.				Cerent
ADDRESS P.O.Drawer 40.Buckahnnon.WV 26201	Casing	Used in	Left	fill up
DESIGNATED AGENT Joseph C. Vanzant, Jr.	Tubing	Drilling	in Well	Cu. ft.
ADDRESS P.O.Drawer 40, Buckhannon, WV 26201	Size			· .
SURFACE CWNER County Commission Of Mason Co.	20-16 Cond.			
ADDRESS Court House Bldg.,Point Pleasant,WV 25550	13-10"	27'		
MINERAL RIGHTS OWNER Same	9 5/8	913.85'		
ADDRESS	8 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK	7	2060.3	725.60'	59 cf
Jerry TephabockADDRESS Rtl,Box 101-A,Ripley,WV	5 1/2			
PERMIT ISSUED 11/28/83 25271	4 1/2	3224.30		146 cf
DRILLING COMMENCED 1/26/84	3			
DRILLING COMPLETED 2/1/84	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON				
CONTINUOUS PROGRESSION FROM DRILLING OR REVORKING. VERBAL PERMISSION OBTAINED	Liners used			
ON VERBAL PERVISSION CONTINUE				
GEOLOGICAL TARGET FORMATION Devonian Shale		Dep	o <b>th</b> 350	00' feet
Depth of completed well 3378' feet				
Water strata depth: Fresh33',1185' feet;				
Coal seam depths: 649/652	Ts coal	being mir	ned in the	area? no
Coal Seall depuis: 6497 032	. 25 33-			
OPEN FLOW DATA		_		
Producing formation DEVONIAN STATE	Pa	y zone dep	oth See	<u> さゃck</u> teer
Gas: Initial open flow show Mcf/d	Oil: Ir	itial oper	flow	Bbl/c
Final open flow 169 Mcf/d	Fi	nal open i	flow	Bb1/c
Time of open flow between init				
Static rock pressurepsig(surface	e measure	ment) after	erho	urs shut i
(If applicable due to multiple completion				2 1 2 2 1
Second producing formation	Pa	ay zone de	pth	fee
Gas: Initial open flowMcf/d	Oil: L	nitial oper	n flow	Bb1/
Final open flow Mcf/d				
Time of open flow between init				
Static rock pressurepsig(surface	e measure	ment) afte	rho	urs shut i

FORM IV-35 (PEVERSE)

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

Halliburton - 2/4/84 - 1 stage Foam Frac

2372/3160 - 65,000# sand,205 Bbls water and 1.041,000 scf nitrogen

237,2-2810 Up Dew undiff

## WELL LOG

·		<del></del>	
			REMARKS Including indication of all fres
FORMATION COLOR HARD OR SOFT	TOP FEET	BOLICM LEET	and salt water, coal, oil and ga
Red Clay Sand & Shale Coal Sand & Shale Big Lime Sand & Shale Big Injun Sand & Shale Berea Devonian "Grey" Shale Upper Huron Shale.	0 16 649 652 1308 1405 1440 1720 1958 1980 2835 2850	2835 2850 2882	Water at 33' Water at 1185'
Lower Huron Shale	2882 3164	3164 TD 3378 Frem GR 100 H-2810 · 316 J 3164-3203 A 3272-	<b>(</b> ( 33 78
• <del>•</del> •			535 April .
			* ************************************
-	•		

(Attach separate sheets as necessary)

UNIO	N DRILLING, INC.
We.	11 Operator
Bv:	Just a felley
	Joseph C.Pettey, Vice President of Production
Date:_	Joseph C.Pettey, vice Flesident of Flodder

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



١	Date:_	Novembe:	r 9

2) Operator's

Well No.

19\_83

1-1963 47 - 053 - 0317 3) API Well No.

State

County

Permit

File

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

4) WELL TYI				37					
<ul> <li>1 (4)</li> </ul>				•					V
		f "Gas", l vation: _				_/ Underground st	torage Flatfoot C		_/ Shallow <u>X</u> _/)
LOCATIO		vation: _ trict: _C1				_	fiaciool C Mason		Apple Grove
WELL OP					Inc			Quadrangle: _ DAGENTJosep	
Address		Post C					Address	Post Office	
Address		Buckha					Address	Buckhannon	
OIL & GA					20201		9) DRILLING C	CONTRACTOR:	WV 2020I
Name J				ried				on Drilling.	Inc.
Address		te 1,		01-A	<del></del>		Address	Post Office	
		ley. W		5271			. 144. 000	Buckhannon,	
PROPOSE	DWELL	NOBK.	Drill	Χ .	_/ Drill	deeper	/ Redrill	/ Stimulate	
1 KO1 OSL	D WELL	WORK.			<del>-</del>	/ Perfora			
			_			well (specify)		······································	
GEOLOGI	CAL TAR	GET FOR						100	TE CERTITIVE TO
12) Estima					3500	feet		27	
13) Appro	_	-			?	feet; salt.	?	feet.	
14) Appro		•			?		al being mined in th		NOVN6 0 19883
CASING A									
SING OR	H	SPEC	IFICATION	s	!	FOOTAGE IN	NTERVALS	CEMENT FILL-UP	AL & GASKERVISION
BING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS	PT OF MINES
ductor	11-3/4		32		Χ	30'	30'		Kinds
water						210'	210'	coment to	surface by rule
					- 1			The state of	Sizes
mediate	8-5/8		23		Χ	1000'	1000'	286 sacks	
uction	4-1/2	J-55	10½	Χ		3500'	3500'	1013 sacks	Depths sets
ng									
rs									Perforations:
									Top Bottom
		•	1						
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ait number	47-	-053-0	317					No	ovember 28, 19 83
nit number _	47-	-053-0	317					No Da	ovember 28, 19 83
permit cove	ering the we	ell operato	or and wel	Il locatio	on shown	DRILLING PEI	RMIT	Da ted to drill in accordar	te ace with the pertinent legal re-
permit cove ements subje	ering the we	ell operato	or and wel	herein a	on shown	DRILLING PEI below is evidence o reverse hereof. Not	RMIT of permission grantification must be	Dated to drill in accordar	te  nce with the pertinent legal re- l and Gas Inspector, (Refer to
permit cove ements subje 8) Prior to tl	ering the weekt to the co	ell operato	or and wel	herein a	on shown and on the pits for a	DRILLING PEI below is evidence o reverse hereof. Not my permitted work.	RMIT  of permission grantification must be in addition, the v	Dated to drill in accordar	te ace with the pertinent legal re-
s permit cove ements subje 8) Prior to the rict oil and g	ering the we cet to the co he construc as inspector	ell operato onditions of tion of ros r 24 hours	or and wel contained ads, locati before ac	herein a lons and ctual pe	on shown  Ind on the  pits for a  rmitted we	below is evidence of reverse hereof. Not any permitted work. ork has commenced	RMIT  of permission gran  tification must be In addition, the v	Da ted to drill in accordar given to the District Oi well operator or his cor	te  ace with the pertinent legal re- l and Gas Inspector, (Refer to attractor shall notify the proper
s permit cove ements subje 8) Prior to the rict oil and go permitted we	ering the we bet to the co he construc as inspector ork is as de	ell operato onditions of tion of ros r 24 hours	or and well contained ads, locati before ac the Notic	herein a ions and ctual pe- ee and A	on shown  Ind on the  pits for a  rmitted we	below is evidence of reverse hereof. Not any permitted work. ork has commenced	RMIT  of permission gran  tification must be In addition, the v	Da ted to drill in accordar given to the District Oi well operator or his cor	te ace with the pertinent legal re- l and Gas Inspector, (Refer to
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rements subje 8) Prior to the rict oil and g	ering the we teet to the co the construct as inspector ork is as de Nov	ell operato onditions of tion of ros r 24 hours escribed in vember	or and welcontained ads, locatic before actine Notice 28, 1	herein a ions and ctual pe se and A	on shown and on the pits for a rmitted we pplication	below is evidence of reverse hereof. Not only permitted work. ork has commenced and plat, and reclama unless well	RMIT  of permission gran  tification must be In addition, the value  i.)	Dated to drill in accordant given to the District Oi well operator or his conto any modifications a	nce with the pertinent legal re- l and Gas Inspector, (Refer to stractor shall notify the proper and conditions specified on the
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