

6625



IV-35 (Rev 8-81)

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

State of Mest Wirginia Department of Mines Wil und Vas Division

Date		July	2	3, 1	987		
Operator's							
Well	No.	3	_	253	8		
Farm	Pa	ul H	y11	pert	#3		
API N	ю.	47 -	- (095	-	1107	

WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection (If "Gas," Production / Undergrou	/ Wast	e Disposa e / Deep	l/ o / Sha	11ow x /)		
LOCATION: Elevation: 763.60 Watershed Ca			•	*		
			- Wood II-			
District: Centerville County Tyl	rer	Quadrangie	e west un	ton		
COMPANY Union Drilling, Inc.						
ADDRESS P.O. Drawer 40, Buckhannon, WV 26201	Caşing	Used in	Teft	Cement		
DESIGNATED AGENT Joseph C. Pettey	Tubing	Drilling		fill up Cu. ft.		
ADDRESS P.O. Drawer 40, Buckhannon, WV 26201	2	- Cu. 20.				
SURFACE OWNER see back	Size 20-16					
ADDRESS	Cond.					
MINERAL RIGHTS OWNER see back	13-10"		,			
ADDRESS	9 5/8					
OIL AND GAS INSPECTOR FOR THIS WORK	8 5/8	1002.80	1002.80	118 cf		
Robert Lowther ADDRESS Gen. Del., Middlebourne, WV	7					
PERMIT ISSUED 6-17-85 26149	5 1/2					
DRILLING COMMENCED 5-05-87	4 1/2		4761.15	320 cf		
DRILLING COMPLETED 5-11-87						
IF APPLICABLE: PLUCGING OF DRY HOLE ON	2					
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners	1.5"	4630.20			
ON	used	Tubing				
GEOLOGICAL TARGET FORMATION Devonian Shale		Dept	h 5995	feet		
Depth of completed well 5306 feet R						
Water strata depth: Fresh 73 feet;	Salt 119	96 fee t				
Coal seam depths: none			ed in the	area? No		
OPEN FLOW DATA						
· · · · · · · · · · · · · · · · · · ·				_		
Producing formation Riley, Benson Gas: Initial open flow 267 Months	Pay	zone depi	n 4691	feet		
Gas: Initial open flow 267 Mcf/d	OII: IUI	tiai open	ITOM	Bb1/d		
Final open flow 852 Mcf/d Time of open flow between initi						
Static rock pressure 1400 psig(surface						
(If applicable due to multiple completion-		ent, arter	24 hou	rs shut in		
		zono doni	<u>. i.</u>	.		
Second producing formation	ray Oil: Thi	tial open	fl~:	reet		
Final open flow Mcf/d	Oil. Fin	al own t.	TTOM			
Time of open flow between initi	al and fil	ar open I. mal tart-	· ·	RDT\q		
Static rock pressurepsig(surface	weschicamo	ntl sftor	ho	urs		
- Journal of the state of the s	~u3uLGIE	, arter	nou	rs sunc in		
	••	·(Contin	ue on re	verse side.		

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

Dowell - 2 stage foam frac - 5-20-87

4273/76 - Riley - 39,000# sand, 312 Bbls. fluid, 534,000 Scf nitrogen 4281/83

4289/91

4684/91 - Benson - 50,000# sand, 760 Bbls. fluid, 92,000 Scf nitrogen



		W.	ELL LOG	DIVISION OF OIL & GAS - DEPARTMENT OF ENERGY
FORMATION	COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	
	Sand & Shale	0.	149	2 1/2" water at 73'
	Red Rock Sand & Shale	149	161	
	Shale & Red Rock	161 425	425	
	Sand & Shale	1141	1141 1422	7 7/28 1 77061
	Shale & Red Rock	141	1422	1 1/2" water at 1196'
	Big Lime	1614	1	
	Big Injun	1718	1715 1824	
	Weir	1982	2088	
	Riley	4262	4295	•
	Benson	4674	4694	
	Alexander	4988	5010	Cog shock at 40021 40/10 thm. 21
	Alexander	4900	5306 TD	Gas check at 4992' - 40/10 thru 2"
			5306 TD	w/ water = 267 Mcf
• •	•••			
	n de la companya de l	1.0	,	
Surface Own	ers:			Mineral Rights Owners:
Karen J	. Osborne	·		Sam Horton
13405 K	ingsman Road			807 Victoria Avenue
Woodbri	dge, VA 22193	·		Williamstown, WV 26187
. Fred Do	tson c/o K.J. Osborne			Edward Mullooly
	ingsman Road		444	P.O. Box 883
	dge, VA 22193			Weston, WV 26452
Rodney	Dotson c/o K.J. Osborne			Frank Butler
	ingsman Road	1		Route 5, Box 215
	dge, VA 22193			Staunton, VA 24401
				Scauncon, VA 24401
	otson c/o K.J. Osborne			
	ingsman Road		j	
Woodbri	dge, VA 22193			
		i		· •
		1		
		1		

(Attach separate sheets as necessary)

Union Drilling. Inc Well Operator

Vice President of Production Joseph C. Pettey, Date:

7-23-87

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 only, encountered in the drilling of a well."



I) Date: 2) Operator's Well No. 3) API Well No. 47
State 095 -1107

County

Permit

File

MAY 3 0 1985

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

	Oil	& GAS	DIVISIO)N	<u>A</u>	PPLICAT	ION FOR A WEI	L WORK PERMIT		
4) DERT. Poil MINES as_				а. Х	,					
7)	WEEL 14		If "Gas",		V		/ Lindanasaund	-4		V
5)	LOCATIO		evation:				_/ Underground	camp Mistake	/ Deep	/ Shallow X/)
-,	2000					е		Terlos		Wort Union 7 Et
6)	WELL OP						County	7) DESIGNATED		West Union 7.5'
•	Address	_	Blvd.			lies	-	Address		Box 1550
			tsburg				25900	Address		sburg, WV 26301
8)	OIL & GA							9) DRILLING CO		3041 g, WV 20301
	Name	Robe	ert Lo	wther				Name		۸m
	Address	Gene	eral D	eliver	У			Address	<u> </u>	· · · · · · · · · · · · · · · · · · ·
		Mid	dlebou	rne, W	V 2	6149		1 2 4 4 7 5 5 5		
0)	PROPOSE	D WELL	WORK:	Drill	X	_/ Dril!	deener	/ Redrill	/ Stimulata	,
,							•	ate new formation_	/ Stimulate	/
								are new formation_		
1)	GEOLOGI	CAL TAR	GET FOR	MATION	De	vonian	Shale			
	(2) Estima					995	feet	·		
	i3) Appro	-	•			, 70		,	feet	
	 Аррго 		-	,	~ = =	, 1120		al being mined in the		/ No X
	CASING A		_			<u> </u>	13 CC	ar being mineu in the	alea? Tes	/ No
	ING OR	H		IFICATION	s	H	FOOTAGE I	NTERVALE	N CELEBRATE DIVIN	h
	ING TYPE	Size	l	Weight	ı	1		1	CEMENT FILL-UP OR SACKS	PACKERS
Condu	ıclor	11-3/4	Grade H-4	per ft. 42	New	Used X	For drilling	Left in well	(Cubic feet)	L D 10-
Fresh		11-5/	117-7	1		^	100	100%	CTS D	y Kingrule 15.
Coal	water			 	 	╁				X
	nediate	8-5/8	1_55	23	X		1 200	1200	G: 3 4	Sizes
Produ		4-1/2		10.5	X	╂╌╌┼	1388	1388	Circulate	
		4-1/2	0 - 55	110.5	<u> </u>			5900	350	The public of th
Tubing		-			 				requi	sed by ru
Liners		 			 			***	$\parallel \cdot \cdot \cdot 0$	Perforations: 15.0
	···	-				 			 	Top Bottom
		∦			ļ	1 4				
	· · · · · · · · · · · · · · · · · · ·	II	<u> </u>	L	<u> </u>	<u> </u>		<u> </u>	<u></u>	
			·				OFFICE USE (
						j	DRILLING PE	RMIT		
ermi	it number_	47-0	95-110	7						June 17 19 85
								· · · · · · · · · · · · · · · · · · ·	D	ate 17 85
his p	permit cove	ring the w	ell operato	or and wel	l location	on shown	below is evidence	of permission grante	d to drill in accorda	ance with the pertinent legal re
unci	ments subje	ci to the c	onuitions (contained	nerein a	ana on the	Preverse bereat No	in ad taum moutentific	van to the District C	Mileral Carles and Car
istric	ct oil and g	as inspecto	or 24 hours	before a	ctual pe	rmitted w	ork has commence	. In addition, the we	ell operator or his co	ontractor shall notify the prope
								•		
evers	e hereof.	01 K 15 U5 U	escribed iii	the Hote	c and F	хррисации	ii, piat, and reciam	ation plan, subject to	any modifications	and conditions specified on the
ermi	it expires _	June	17, 1	987			unless well	work is commenced	prior to that date an	d prosecuted with due diligence
									F to that date all	a prosecuted with due dingence
Boi	nd:	Agen	, ,	Plat:	Casin	,,	Fac			
1	07	/ A = -	··· '	iai.	Casin	1	Fee			
	0/	<u> 4] </u>	1	ו עני	177	NH.	356	- 0		. <i>j</i>
				, , , , ,				V)arga	ret ()	Llass
							4	7	nistrator, Office of	Oil and Gas
ITO	E: Keep o	ne copy of	this perm	it posted a	at the d	rilling loc	ation.	\mathcal{J}^{m}	on the or	on and Ogo

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