

NEST VIEW

IV-35 (Rev 8-81)

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APR	09	198	7	

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY tate of Mest Nirginia Department of Alines Oil and Cas Division

Date_	April 8, 1987						
Operator's Well No. 1 - 2516							
	Anna Barker #1						
API N	<b>.</b> 47 - 085 - 7499						

WELL OPERATOR'S REPORT

OF

## 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_xx_/)
LOCATION: Elevation: 1158' Watershed Ye			,	<del></del>
District: Clay County Ritch			3 Dannah	
Clay County Ricen	те	yaaarang r	- Pennsbo	)10
COMPANY Union Drilling, Inc.				
ADDRESS P.O. Drawer 40, Buckhannon, WV 26201	Casing	Used in	Left	Cement fill up
DESIGNATED AGENT Joseph C. Pettey	Tubing	Drilling	in Well	Cu. ft.
ADDRESS P.O. Drawer 40, Buckhannon, WV 26201	Size	•		·
SURFACE OWNER Homer K. Dotson	20-16 Cond.			
ADDRESS Box 134, Toll Gate, WV 26442	13-10"		·	
MINERAL RIGHTS OWNER	9 5/8			
ADDRESS	8 5/8	1468.25	1468.25	460 cf
OIL AND GAS INSPECTOR FOR THIS WORK		2.100.20	1,00.23	
Samurl Hersman ADDRESS P.O. Box 66, Smithville, W	V <sub>5</sub> 1/2			
PERMIT ISSUED 3/5/86	4 1/2		5395.88	380 cf
DRILLING COMMENCED 2/11/87	3			
DRILLING COMPLETED 2/17/87	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR				
REWORKING. VERBAL PERMISSION OBTAINED	Liners used			
ON				
GEOLOGICAL TARGET FORMATION Rhine Street		Dept	<b>-h</b> 599!	<sup>5†</sup> <b>feet</b>
Depth of completed well 5548' feet R				
Water strata depth: Fresh 90, feet;			<del></del>	,
Coal seam depths: none	Is coal	being mine	ed in the	area? no
OPEN FLOW DATA				
Producing formation Riley, Benson, Alexan	der <b>Pay</b>	zone dept	<b>th</b> 527'	7' <b>feet</b>
Gas: Initial open flow 15 Mcf/d				
Final open flow 907 Mcf/d				
Time of open flow between initi				
Static rock pressure 1375# psig(surface		_		
(If applicable due to multiple completion-		·		
Second producing formation	Pay	zone dep	th	feet
Gas: Initial open flow Mcf/d	Oil: Ini	tial open	flow	Bb1/d
Final open flow Mcf/d	Oil: Fin	al open f	low	Bb1 /d
Time of open flow between initi				
Static rock pressurepsig(surface	measureme	nt) after	IIO	re chut in
		·(Conti	tie on re	verse side)

### FORM IV-35 (REVERSE)

# DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. Halliburton - 3 stage Foam Frac - 2/25/87

4598/4602 - Riley - 50,000# sand, 705 bbls fluid and 608,000 scf nitrogen

4598/4602 - Riley - 50,000# sand, 705 bbls fluid and 608,000 scf nitrogen <math>4615/4618

 $4\underline{980/4984}$  - Benson - 35,000# sand, 610 bbls fluid and 420,000 scf nitrogen

5267/5277 - Alexander - 40,000# sand, 664 bbls fluid and 445,000 scf nitrogen

#### WELL TOG

		W	ELL LOG	
FORMATION	COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all freshand salt water, coal, oil and gas
	Fill & Shale	0	48	1/2" stream fresh water @90'
:	Sand	48	. 73	,
	Sand & Shale	73	113	
	Red Rock	113	183	
	Sand & Shale	183	634	
	Red Rock	634	664	
	Sand & Shale	664	795	
	Red Rock	795	836	
	Sand & Shale	836	1973	hole wet @1587'
	Big Lime	1973	2040	
	Injun	2045	2151	
	Riley	4581	4636	
	Benson	4979	4989	
	Alexander	5244	5296	
			5548 TI	Gas check @TD 2/10th thru 1" w/w = 15 mcf
•				
		•		
				RECEIVEN
				APR 09 1987
•				DIVISION OF OIL & GAS DEPARTMENT OF ENERGY
				a management of arrange

(Attach separate sheets as necessary)

Union Drilling, Inc,

Well Operator

V: Jaspie Grilly

Date: Joseph C. Fettey, Vive President of Production

4/8/87

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."

FORM (Obve	WW-2(	B) F	ILE CO	PY	2	
,,05	M		B 18		_	



1) Date: Ja	nuary	17	15.86
2) Operator's Well No.		JK-1253	
3) API Well No	o. 47	-085-7499	
	State	County	Permit

File

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

4)	WELL TYP	PE: A O	il	/ Ga	sX							
		B (1	f " <b>Ga</b> s", l	Production	ــــــــــــــــــــــــــــــــــــــ	<b>X</b> /	Undergrou	ind storage		_/ Deep	/ Shallow	_X/)
5)	LOCATIO	N: Ele	vation:	1158			Watershed	: Year	ger Run			
		Dis	trict:C	lay		427	County:	Ritch	ie	Ouadrangle: _	Pennsbo	ro 7.5'
6)	WELL OP	ERATOR	&J Ent	erpris	es I	nc code	: 24150	7) DE:	SIGNATED	AGENT Richar		ecliff
-,	Address		.0. Bo						Address	P.O. B		
			uckhan		IV 2	6201		•			nnon, WV	26201
8)	OIL & GA							9) DR	ILLING CO	NTRACTOR:		
٠,	Name		uel He							Jack Drill	ina Co.	
	Address		Box			· · · · · · · · · · · · · · · · · · ·	•		Address	P.O. Box 48		-
	7100.000		thvill		261	78		•	100,03	Buckhannon,		1
•••	DROBOCE			Drill_			4	, n	_ 4_01	/ Stimulate		
10)	PROPOSE	D WELL	WUKK:			/ Drill						
				•			/ Pe	riorate new	formation_	/		
				-	-		vell (specify).	441				
11)	GEOLOGI				,	<u>Rhine S</u> 5995'		····*				
	12) Estima				. 1			feet	N/A	_		
	13) Appro		-					salt,		feet.		v
	14) Appro		-		509	**************************************		s coal being	mined in the	area? Yes	/ No	<u> </u>
15)	CASING A	ND TUBI	NG PRO	GRAM	,,	FROM !	Parmit #	065	301			
	SING OR		SPEC	IFICATION: Weight	•	4'scar	TOOTA	GE INTERVAL	5	CEMENT FILLUP OR SACKS	PACK	ERS
		Size	Grade	per ft.	New	Used	For drilling	L L	ft in well	(Cubic feet)		
Conc	ductor	$11 \ 3/4$	<del></del>	42	X	-77	<u>390' 38°</u>	390'	x	-t-Sacks-C	The Stind By W	rule 150.
Fresi	h water	8 5/8		23	Х		<u> 1758'</u>		758'	To Surface		
Coal		8 5/8	ERW	23	Χ		1758'	1	758'	To Surface	Sizes	
Inter	mediate											
Prod	luction	41/2	J-55	10.5	Χ		5995'	5	945'	300 Sacks	Depths set	
Tubi	ng									or as requ	red by r	ule 15-01
Lin.				1							Perforations:	
	11	0	1	<b>†</b>			· · · · · · · · · · · · · · · · · · ·				Top	Bottom
-	- 4	BE R	UN	FE	CFS/	W4:	TER	15 En	COLIA	TERED	1	
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		н	<b>.</b>	<del></del>		·				IL	_#	
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					· · · · · · · · · · · · · · · · · · ·		RILLING					
						D	MILLING	1 DECIVEL				
Perr	nit number_	47-	085 - 7	7499							March 5	<sup>19</sup> 86
								•		D	ate	
										d to drill in accorda		
quir	ements subje	ect to the c	onditions :	contained	herein a	and on the i	reverse hereo	Notification	must be giv	en to the District O	l and Gas Inspec	ctor, (Refer to
o. a distr	ict oil and a	e construc	tion of ros	ids, locatio s before a	ons and ctual ne	pits for any	permitted w rk has comm	ork. In add enced.)	ition, the we	en operator or his co	ontractor snail no	only the proper
	_	•			_					,		
	permitted write hereof.	Ork is as d	escribed in	the Notic	e and A	Application,	piat, and rec	lamation pi	in, subject to	any modifications	and conditions	specified on the
		Mar	ch 5.	1988	3		unless	well work is	commenced	prior to that date an	d processited wit	h dua diliaanaa
r CI f	nit expires _	1441	<u> </u>	1000			uiiiess	wen work is	commenced	prior to that date an	a prosecuted wit	n due unigence.
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