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	JAN 1 7 53
17	OIL & GAS DIVISION

DEPT. OF MINIES

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Bepartment of Mines Gil und Cas Zivision

Date	Janua	ary 14, 1	.985					
Operator's								
Well No. J-864								
Farm	Georg	ge Lewis						
API N	2. 47	_ 095	- 1065					

WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

L TYPE: Oil / Gas x/ Liquid Injection (If "Gas," Production x / Undergroun	/ Waste d Storage	Disposal / Deep	/ / Shal	low_x_/)
CATION: Elevation: 1210 Watershed Sho				
District: Centerville County Tyler	() (Auadrangle	Pennsbor	:o
District: Centerville Wanty 17101				
MPANY J&J Enterprises, Inc				
	Casing	Used in	Left	Cement
DRESS P.O. Box 213, Pennsboro, WV 26415 SIGNATED AGENT Richard Reddecliff	Tubing		•	fill up Cu. ft.
DRESS P.O. Box 48, Buckhannon, WV 26201	Size	DETTE		
REFACE OWNER Roger Scott	20-16 Cond.			
DRESS Rt. # 1, Box 213, Pennsboro, WV 26415	13-10"	32	0	0 sks.
NERAL RIGHTS OWNER Aaron Lewis Hrs. C/O	9 5/8			
West Union, WV DDRESS Jewel Lewis, 302 Louise St., 26149	8 5/8	1726.20	1726.20	395 sks.
IL AND GAS INSPECTOR FOR THIS WORK Robert	7			
Lowther ADDRESS Gen. Del., Middlebourne, WY 26149	5 1/2	1		
ERMIT ISSUED. 3/29/84 ·	4 1/2	5174	5174	270 sks.
RILLING COMMENCED 12/10/84	3			
PRILLING COMPLETED 12/18/84	2			
OF APPLICABLE: PLUGGING OF DRY HOLE ON TONITHUOUS PROGRESSION FROM DRILLING OR	Liners			
REWORKING. VERBAL PERMISSION OBTAINED	used			
		De	pt h	feet
GEOLOGICAL TARGET FORMATION Devonian Shale	Rotary	x / Cab	le T∞ls	
Depth of completed well 5617 feet Water strata depth: Fresh 130,1210, feet;	Salt	fee	- : t	•
Coal seam depths: 1635-45	Ts coa	l being mi	ned in t	he area? No
Coal seam depuis:	_			
PEN FLOW DATA	_			se_70 feet
Producing formation Benson		ay zone de		00-70
Gas: Initial open flow Ncf/d	Oil: I	vitiai cb	en riow_	
Combined Final open flow 1,100 Mcf/d	1 	nuar oben	110w	
Time of open flow between ini	Itial and	tinal tes	ts	- iours
Static rock pressure 1700 psig(surfa		renent) ar	ter_ 96 1	iom2 and 1
(If applicable due to multiple completion	on)	- 4	المحملا	_{3_4703} fee
Second producing formation Riley		ray zone c	2001 467	J 3/VJ
Sas: Initial open flow Fcf/d	0i1:	miner of	e ties	-
Final open flow Mcf/d	0il:	Final obei	1 110W	boure
Time of open flow between in	utial and	i final te	5C5	houre chut
atic mck pressure psiq(surfa	ice measui	rement, at	ســـــــــــــــــــــــــــــــــــــ	

(REVERSE)

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

Benson: Perforations: 5068-70 (8 holes) Fracturing: 400 sks. 20/40 sand: Foam frac.

Riley: Perforations: 4673-76 (6 holes) 4692-93 (4 holes) 4702-03 (4 holes) Fracturing: 300 sks. 20/40 sand: Foam frac;

BOTTOM HOLE PRESSURE Pf=PweXGLS $t=60 + (0.0075 \times 5174) + 459.7 = 559 \times = \frac{1}{53.35 \times 554} = \frac{1}{29822} = 0.000034 \text{ Pf} = 1700 \times 2.72^{(0.000034)}$ $(0.626)(4872)(0.9) = 1700 \times 2.72^{0.09} = 1700 \times 1.09$

Pf= 1853 psi

WELL LOG

	<u> </u>		REMARKS		
FORMATION COLOR HAPD OR SOFT	TOP FEET	BOTTOM FEET	Including indication of all		
	<u> </u>		and salt water, coal, oil a		
Fill & shale	0	15			
Red rock and sand	15	65	Damp @ 130'		
Shale & sand	65	100			
Shale, red rock & sand	100	180	3/4" stream @ 1210		
Red rock, sand & shale	180	· 290			
Red rock & shale	290	350	1" stream @ 2010		
Red rock, sand & shale	· · · 350	520			
Red rock, sand & shale	520	1090	Gas ck @ 2234 10/10-12" w/wa		
Shale & sand	1090	1635	197,000 cu.		
Coal	1635	1645	197,000 çu.		
Sand & shale	1645	1990	Gas ck @ 3633 No show		
Little lime	1990	2030			
Blue Monday	2030	2045	Gas ck @ 4969 No show		
Big Lime	2045	2110			
Big Injun	2110	2230	1		
Sand & shale	2230	3250			
Sand & shale	3250	4673			
Riley	4673	4703			
Sand & shaele	4703	5068			
Benson	5068	5070			
Sand & shale	5070	5617			
		T.D			
			l'		
•			·		
			•		
Company Compan		1			
			1		
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	1		•		

(Attach separate sheets as necessary)

J&J Enterprises, Inc Robert Dahlin-Geologist Date:

Regulation 2.02(i) provides as follows: "The term 'log' or 'well log' shall mean a systematic

1)	Date: Feb	ruary	9	. 19 84		
	Operator's Well No	J-864				
3)	API Well No.	47 -	095 -	1065		
		State	County	Permit		

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

4) WELL IY										
6) 7.0G4.771	В (If "Gas",	Productio	n	ζ	/ Undergroun	id storage	/ Deep	/ Shallow	<u>x</u> _/)
5) LOCATIO	DN: EI	evation: _	Cento	orri 17		Watershed:	Short Ru	n to Arnold C	reek	
6) WELL OF	ים ERATOR		T Ente	corie	.e	Соилту: <u>_</u> Гис	7) DESIGNATE	Quadrangle: _	Pennsboro	-1466
Addres			O Bo				Address	DAGENT Rich		CITLL
			Buckhai		WV	26201	Address		ckhannon,	MT 26201
8) OIL & GA	AS INSPEC			•			9) DRILLING C		cknannon,	WV 26201
Name Ro	obert I	owther						S.W. Jack Dri	lling Com	oanv
Addres	s <u> </u>	eneral	L Deli	very			Address	2.0		
		Middle	ebourne	e, WV	261	L49			hannon, W	7 26201.
10) PROPOSE	ED WELL	WORK:	Drill	х	_/ Dril	l deeper	/ Redrill	/ Stimulate	x ,	7
			Plug of	ff old	formatio		orate new formation		ক্রন্ত / ভার	Telegraph
			Other p	hysical	change	in well (specify)			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
11) GEOLOG	ICAL TAR	GET FOR	MATION	,	Devoi	nian Shale				"મેન
12) Estimated 13) Approximately 13) Approximately 13)	ated depth	of complet	ted well,	300	950	fe		ر. شخت	Stal [17] 1	4 1084 7
15) / 1pp. 0	minute tru	a acpens.	110311,				alt,0	feet.	, 5,,, 2	
14) Appro				vone		Is	coal being mined in th	e area? Yes	No./	<u>3 9171810</u> /1
15) CASING	AND TUBI							-	PACKE	FAINE
CASING OR TUBING TYPE	1	SPEC	CIFICATION: Weight	5 1		FOOTAG	E INTERVALS	CEMENT FILL-UP OR SACKS	PACKE	RS
	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)		
Conductor	11	H-40	42	х		30-	0	0 sks.	Kinds	
Fresh water Coal	8 5/8	1	23	X		1300	1300	To surface	A/FAn	
Intermediate	8 5/8	ERW	23	X		1300	1300	To surface	Mr. Elli	
Production	41/5	J-55	10.5			5900	5000	450		
Tubing	1 3 2	<u> </u>	10.5	X_		3900	5900	450 sks.	Depths set	
Liners								OR AS R	14	
								<u> </u>	Perforations:	15.01
									Тор	Bottom
									1	
	····									
						OFFICE USE				
						DRILLING P	ERMIT			
Permit number_	47-	095-10	65					March 2	9.	19 84
								Dat	e	
This permit cove	ring the we	ell operato	or and well	locatio	n shown	below is evidence	of permission grante	ed to drill in accordan	ce with the perti	inent legal re-
lan curents sand	er to the ce	mainons c	ontaineu i	ici cili a	na on in	e reverse nereor. N	intification must be a	iven to the District Oil ell operator or his con	I I I	
listrict oil and g	as inspecto	r 24 hours	before ac	tual per	mitted v	vork has commend	ed.)	en operator or his con	tractor snall noti	ify the proper
The permitted we	ork is as de	scribed in	the Notice	and A	pplicatio	n, plat, and reclar	nation plan, subject t	o any modifications as	nd conditions sp	ecified on the
everse mercor.		ch 29,								
Permit expires _		,				unless we	ell work is commenced	prior to that date and	prosecuted with	due diligence.
										
Bond:	Agent	i ,F	Plat:	Casin	g	Fee				
O CANANTI	J.	1 /	א אארנו	MI	(1)	11.21				
	-			/ / 7	V	7 7 8	-	11/1-		
							Admi	inistrator, Office of O	il and Gas	
OTE: Keep or	ne copy of	this permi	it posted a	t the dr	illing lo	cation.		,, =	043	
		See	the reverse	eide of	the AD	DI ICANTIE COR	V for instance:	Ab 11		File
		366	1676136	siut Ol	ar Ar	L LICANT S COP	Y for instructions to	tne well operator.		