

WEST THE TOTAL T

IV-35 (Rev 8-81)

Operator's Well No.

DEC 7 - 1984

Bepartment of Mines

Farm W.

DEC 7 - 1984

Bepartment of Mines

API No. 47

Date December 4. 1984
Operator's
Well No. 42
Farm W. M. Looney
API No. 47 - 087 - 3875-Li

OIL & GAS DIVISION UNI UND GAS Bivision
OIL & GAS DIVISION
OF MINE WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WEIL TYPE: Oil X / Gas / Liquid Injection (If "Gas," Production / Undergrow	n/ Wast und Storag	ce Disposa ge/ Deeg	l/ p/ Sha	llow/)
LOCATION: Elevation: 1067 Watershed	Trace For	k		
District: Smithfield County Roa			e <u>Tari</u>	ff 7.5'
COMPANY Pennzoil Company	S COMMON TO SERVICE AND ADMINISTRATION OF THE SERVICE AND ADMINISTRATION O			
ADDRESS_P.O. Box 1588, Parkersburg, WV 26101 DESIGNATED AGENT James A. Crews	Casing	Used in		Cement fill up
ADDRESS P.O. Box 1588, Parkersburg, WV 26101	Tubing Size	Drilling	In MeII	Cu. ft.
SURFACE OWNER Pennzoil Company	20-16 Cond.			
ADDRESS P. O. Box 1588, Parkersburg, WV	13-10"		,	
MINERAL RIGHTS OWNER Keith Crihfield	9 5/8			
ADDRESS P.O.Box 431, Spencer, WV 25276	8 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK Homer	7	428	428	120 sks
Dougherty ADDRESS Linden Rt., Box 3-A, PERMIT ISSUED 5-3-84 Looneyville, WV	5 1/2			
PERMIT ISSUED 5-3-84	4 1/2	2075	2075	60 sks
DRILLING COMMENCED 5-29-84	3			
DRILLING COMPLETED 6-1-84	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			
GEOLOGICAL TARGET FORMATION Big Injun		Dept	-h 2	lll feet
Depth of completed well feet F				
Water strata depth: Fresh 65-79 feet;			decrease the decrease of the d	
Coal seam depths:			ed in the	area? No
OPEN FLOW DATA				
Producing formation Water Injection Well	Pay	zone dept	-h	feet
Gas: Initial open flow Mcf/d				
Final open flowMcf/d	Fin	al open fl	Low	Bbl/d
Time of open flow between initi				
Static rock pressurepsig(surface		ent) after	hou	rs shut in
(If applicable due to multiple completion-				
Second producing formation				
Gas: Initial open flow Mcf/d				- 41
Final open flow Mcf/d				
Time of open flow between initi Static rock pressurepsig(surface				
		(Contin	ue on rei	verse singl

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

Big Injun: Open Hole 2075-2137

Fractured: w/250 gls. 12-3 reg. mud acid, 48 Bbls. 20# gel, 500# 20/40 sd

WELL LOG

FORMATION COLOR HAR	OR	SOFT	TOI	P FEET	BOTTOM FEET	REMARKS Including indication of all fres and salt water, coal, oil and ga
Sand Silt & Shale Sand, Shale, Silt Salt Sand Shale, Sand Little Lime Blue Monday Pencil Cave Big Lime Keener Big Injun Pocono Shale				0 94 440 1612 1857 1910 1950 1957 1974 2075 2091 2111	94 440 1612 1857 1910 1950 1957 1974 2075 2091 2111 2138	an sait water, coar, our and ga
Total Depth					2138	
			arricino managaria			
			-			
						en e

(Attach separate sheets as necessary)

Pennzoil Company Well Operator sentio a Luca Date:_

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 coult, encountered in the drilling of a well."

1)	Date: Ap	ril	12			19 84
2)	Operator's Well No. W	. М.	Lo	oney	#42	
3)	SIC Code			_		
4	API Well NO.	47 Sta		087		3875-L]
5.	UIC Permit No.	Jia		Coun	ity	Permit

STATE OF WEST VIRGINIA

NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLIE

OFFICE OF OIL AND GAS, DEPARTMENT OF MINES, AND FOR (CLASS II WELLS ONLY)

THE DIVISION OF WATER RESOURCES, DEPARTMENT OF NATURAL RESOURCES

APR 1 7 1984

OIL & GAS DIVISION

			n <u>X</u> 1067.	Gas i					aste dispos		, D	EPT.	OF M	N
7) LOCATIO		ation:	Smith					ershed:		ice For				
8) WELL OF	DISU PERATOR	ict:				ıny	Cou						riff 7.5	
,	ddress		P. 0.					9)					A. Crews	
A	uaress								A	ddress			Box 1588	
10) 011 8-04	C INCORO	TOP TO			ry, v	<u>IV 26</u>	וסוד			***************************************	****	Parker	sburg, W	<u>IV</u>
10) OIL & GA														
			ner Dou					11)	DRILLIN					
Address	·			-					Name				***************************************	
			oneyvil	ıe,	_WV		`		Address		<u> </u>			
12) PROPOSI	ED WELL	WORK:	Drill									X		
									rmation/					
			Other pl	ıysical	change	in well (s	pecify)							
13) GEOLOG	ICAL TAR	GET FOR	MATION,			<u>Big In</u>	ijun		····· ································	Depth_2	065fe	et(top) to2	090_feet(be	ottom
14) Estimated	depth of co	mpleted v	well, (or ac	tual de	pth of	existing we	ell)(ll	2145	ft.				,	
 15) Approxim 	ate water st	rata depti	ıs; Fresh,	3	67	feet;	salt,		feet	•				
l6) Approxim	ete coal sear	n depths:												
(7) Is coal bei	ng mined in	the area	? Yes	/ No	<u>X</u> /									
8) Virgin rese	rvoir pressu	re in targe	t formation	1	80	psig. S	Source	Fs	timated			•		
9) Estimated	reservoir fra	cture pres	ssure		2655			DS	g (BHFP)				****	
							per hour:		25	Bott	om hole pres	CIITA	2000	
21) DETAILE	D IDENTII	FICATIO	N OF MAT	ERIA	LS TO I	BE INJECT	ΓED, INC	LUDIN	G ADDITI	/ES:		3410		
2) FILTERS							·						***************************************	
6. 4. 4.						ND OTH	ER CORR	OSION	CONTROL	.:				
(4) CASING	AND TUBI	NG PRO	GRAM		••							·		······
CASING OR	diament of the second	SPEC	IFICATIONS			4	FOOTAGE	INTERVA	LS	f ceme	NT FILL-UP	il	PACKERS	
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	For	drilling	l.	Left in well	O	R SACKS		a nemano	
Conductor				1464	030	101	- drining	_	Leit in wen	100	ubic feet)	-		
resh water	7				У	400	****	An	<u> </u>			Kinds		
Coal	1 1				 ^	TVV		17V	V.SEE	Lemen	t to su			·····
ntermediate	1				 							Sizes	···· -	
Production	4-1/2	VEE	^ F	Y	 			_				-		
	 4-1/	<u> </u>	9.5	X		}	2143		2143	Over		Depths set		
Tubing	-				 	-	·····	_		Salt	Sand	<u> </u>		
Liners	#				 	-						Perforation	15:	
	· ·				 						-	Top	Bottom	1 ,
					ļ	!						1 /		
	 					<u> </u>				1				
5) APPLICA				•			W	M. &	Anna L	onev				
by deed_			other co	ntract.	/	dated			per 13	<u> </u>	. 1691	(1899	, of record	in the
		oane				office in		Leas		Book	, , , , , , , , , , , , , , , , , , ,	at page	390	111 1110
See the rev			LICANT'S				to the wel					a. page	330	

OFFI	CE L	JSE O	NLY
DESTE	T TEL	CDED	BAITT

//7=087=3875=T		Ма	.v 3	19 84
Permit number 47-087-3875-LI		FIG	Date	17 04
his permit covering the well operator and well locati ulifements subject to the conditions contained herein to 8) Prior to the construction of roads, locations and district oil and gas inspector 24 hours before actual pe	and on the reverse here ad pits for any permitte	eof. Notification must be given to the d work. In addition, the well operator	District Oil and Gas	Inspector, (Refer to
The permitted work is as described in the Notice and A conditions specified below.	pplication, plat, and (i	f required) construction and reclamation	on plan, subject to a	ny modifications and
ermit expites May 3, 1986	unl	ess well work is commenced prior to the	at date and prosecute	ed with due diligence.
Bond: Agent: Plat: Casin	ng Fee //7463	11/1/20	- Jewis	Ļ
NOTE: Keep one copy of this permit posted at the d	drilling location.	Administrator,	Office of Oil and G	
PERMIT MODIFICATION	S AND CONDITION	IS (IF ANY) TO THE PROPOSED V	VELL WORK	
* *				
	OFFICE U	JSE ONLY	<u> </u>	
This part of Form IV-3(b) is to record the dates of con	rtain occurrences and	any follow-up inspections.		
Date		Tallan on insurable of		Date(s)
Application received		Follow-up inspection(s)	
Vell work started		" "		
otal depth reached				
Vell Record received		66 99		
Reclamation completed				
OTHER INSPECTIONS				
Reason:	AND 10 June 10			
Reason:				
				=