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LOCATION: Elevation:

Farm name:

State of West Virginia Division of Environmental Protection Section of Oil and Gas

Well Operator's Report of Well Work

HINTERER, PHYLLIS ETAL. Operator Well No.: COX HEIRS #2

LOCATIO	N: Elevation: Quadr	angle:			
	District: NEW MILTON Latitude: Feet Sout Longitude Feet West	h of	ounty: DODDI Deg. Min Deg. Min	. Sec.	•
	P: PETROLEUM DEVELOPMENT COR P. O. BOX 26 BRIDGEPORT, WV 26330-0026	&	Used in	•	Cement Fill Up Cu. Ft.
Inspect	eric r. Stearns or: Mike underwood	Size			
Permit Well wo	Issued: 02/09/94 ork Commenced: 02/22/94 ork Completed: 02/28/94	_11 3/4"	173 <u>'</u>	i 173'	105 sks
Verbal Permiss	Plugging sion granted on: X Cable Rig	8_5/8''_	1923	1923	475_sks_
Total D Fresh w	vater depths (ft)	4 1/2"	5735'	5735'	540 sks
Is coal	74: 1829 ater depths (ft) n/a being mined in area (Y/N)? N epths (ft): n/a			 	
OPEN FL	LOW DATA				
Ga	Final open flow ns MCF, Final open flow 230 MCF, Time of open flow between in	/d Oll: I /d	Pay zone nitial open inal open f d final tes e pressure)	flow low ts	Bbl/d Bbl/d Hours
Ga ·	econd producing formation Bensor as: Initial open flow MCF, Final open flowco-mingled MCF, Time of open flow between intatic rock Pressure psice	/d Oil: I /d	nitial open inal open f d final tes	flow low ts)4830-5271 Bbl/d Bbl/d Hours Hours

For: PETROLEUM DEVELOPMENT CORP.

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS,

INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Eric R. Stearns By: Date: April 5, 1994

COX HEIRS #2

STAGE	FORMATION	PERFS	80/100 SKS	20/40 SKS	ACID GAL	N2 (MCF)
1st	Alexander	12 (5411'-5521')	50	333	500	58
2nd	Benson/Riley	12 (4830' - 5271')	50	300	500	46

WELL LOG

FORMATION	TOP FEET BOTTO		MARKS: FRESH & SALT FER, COAL, OIL & GAS
KB - GL	0	10 1/2	2" water @ 74'
sand, shale, RR	10	2130	
Maxton	2130	2187	
sand, shale	2187		water @ 1829'
Big Lime	2341	2436 gas	s chk @ 2354' No Show
sand, shale		2442	
Big Injun			s chk @ 2417' No Show
sand, shale		2556 gas	s chk @ 2477' No Show
Weir		2641	
sand, shale		2801 gas	s chk @ 2666' No Show
Berea	2801	2841 gas	s chk @ 2793' No Show
sand, shale	2841	2997 ga:	s chk @ 2950' No Show
Gordon	2997		s chk @ 3545' No Show
sand, shale	3312	3329	
5th	3329	3380 ga:	s chk @ 4421' No Show
sand, shale	3380		s chk @ 5206' No Show
Warren	3657	3790	•
sand, shale	3790		s chk @ 5238' No Show
Speechley	3820	4190	
sand, shale	4190	4230	
Balltown	4230	4615	
sand, shale	4615		s chk @5333' 6/10 thru 1"/water
Bradford	4629	4716	
sand, shale	4716		s chk @5553' 2/10 thru 1"/water
Riley	5036	5209	
sand, shale	5209		s chk @ 5739' No Show
Benson	5275	5309	
sand, shale	5309	5383	
Leopold	5383	5460	
sand, shale	. 5460	5516	
Alexander	5516	5646	
sand, shale	5646		illers TD
	ч	5802 Lo	ogger TD

FORM WW-2B

FEB 0 7..94

E. mitting	CTATE	05	THE C IN	UTDOTATE

DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS EXPINED 2/9/96 WELL WORK PERMIT APPLICATION

1)	Well Ope	rator:	06	Petroleui	n Development C	orporation 392	0 6 511
2)	Operator	's Well	Number:		Cox Heirs #2	3) Ele	evation: 1311'
4)	Well typ	oe: (a)	Oil_/	or Gas	5 <u>X</u> /		
		(b)	If Gas:	Production Deep	n_X/ Underg	round Storage Shallow	:
83	Proposed	l Target	Formation	(s):	Nexander 439		
1868	Dyanaaa	. m_+_1 D		5900	feet ⁸	00-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	
						360, 500', 795, 890'	
	Approxim	mate salt	water de	pths:	1615', 17	795',1860'	
.					425' - 4	രവ	
10)	Does lar	nd contai	n coal se	ams tribu	tary to act	ive mine? Ye	es/ NoX
				rill & stimulate ı			
12)			-				
			CASIN	G AND TUB	ING PROGRAM		
TYPE		S	PECIFICAT	IONS	FOOTAGE I	NTERVALS	CEMENT
		Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Condu	ıctor	11 3/4"	H-40	42#	135 175		Surface
	n Water				39	CSR18113	SO.K-
Coal					3	(CR181/22)	mu
	rmediate	8 5/8"	H-40	20#/23#	1,900'	1,900'	Surface
	uction	4 1/2"	J-55	10.5#	5900'	5900'	450 sks
Tubir		×					
Line	r s					38CSR/94	6-/
PACKERS: Kind							
	Siz	zes oths set					
074)		-00:/::	C 0:3			
\	\sim 4				and Gas Use	-	
1-1	Dee(s)	raid (7 11/	ork Permi	119-111	lamation Fund	
17	Plat (MI MARS	WW-	2B 1 1	Bond Mill	(Type)	Agent Agent
V			U	\mathcal{O}		138-1	V

	ge 1 of			Date: Feb. 2, 1994 Operator's well number
(10)-91)	17 ca		Cox Heirs #2
		·	3)	API Well No: 47 - 017 - 4104
		•		State - County - Permit
	display within the tile willow beeth within			VIRGINIA
	DIAIRI	ON OF ENVIRONMENTAL	PROTE	CTION, OFFICE OF OIL AND GAS
		NOTTOR AND ADDITION	TON F	OR A WELL WORK PERMIT
		NOTICE AND APPLICAL	TOM E	OR A WELL WORK PERMIT
4)	Surface C	wner(s) to be served		5) (a) Coal Operator:
- ,		Phyllis Hinterer		Name
		Rt. 1, Box 171D		Address
		Jane Lew, WV 26411		
	(b) Name	Craig Hinterer		(b) Coal .claration
	Address	Rt. 1, Box 77		Name Tygart Resources, Inc.
		New Milton, WV 26411		Address 1900 Grant Building
	(c) Name	Philip Hinterer Rt. 1. Box 70A1		Pittsburgh, PA 15219
		,		Name
	423424	New Milton, WV 26411		Address
6)	Inspector	Mike Underwood		(c) Coal Lessee with Declaration
,	a	Rt. 2, Box 135		Name
		Salem, WV 26426		Address
	Telephone	(304)-782-1043		
		TO THE PERSON(S) NAM	MED AB	OVE TAKE NOTICE THAT:
XX Sec I h	ntracts by wax Included ction 8(d) of I certify have served companying days Pers	hich I hold the righ is the information r f the Code of West V that as required un copies of this notic ocuments pages 1 thr onal Service (Affida	equire irgin: der Cl e and ough vit at ed pos	hapter 22B of the West Virginia Code application, a location plat, and on the above named parties, by: ttached)
•				22B and 38 CSR 11-18, and I agree
to	the terms a	nd conditions of any	perm	it issued under this application.
<i>E</i> ~ =				I have personally examined and am
				on this application form and all ry of those individuals immediately
res	ponsible fo	r obtaining the info	rmatio	on, I believe that the information
		ate, and complete.		on, i believe char the infolhacion
			nifica	ant penalties for submitting false
inf	ormation, i	ncluding the possibi	lity o	of fine and mprisonment.
2.50 Sec. 6.50 	STATE OF THE STATE	Well Oper	ator ·	SPETROLEUM DEVELOPMENT CORPORATION
	TOTAL AND	preuo 🖇 By:		Khoens
	(A) F) STATE OF WIT FRUITS - JANETIS (·/ 30/00 - 1		Geologist
概定	<i>電影園</i> - 85.2.60%で	AAPTON Address _		P O Box 26
No.	BRIDG FF Offi My Commission Sk	Series Selection of the Company of t		Bridgeport, WV 26330
22.02.02 411)	scribed and	Telebuoue	***************************************	842-6256 2 day of 7 a / a 19 84
	alla	The same of the cut	1 1	
Me -		enet s. Habo	ecc	Notary Public
uЯ	commission	expires	7,20	003
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