

DEPT. OF ENERGY

State of West Virginia DEPARTMENT OF ENERGY Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: CLARK, CATHARINE P.

Operator Well No.: C. CLARK #1

LOCATION: Elevation: 1115.00 Quadrangle: MOUNT CLARE

District: ELK

Latitude: 8275

County: HARRISON Feet South of 39 Deg. 12Min. 30 Sec.

Longitude 4800 Feet West of 80 Deg. 15 Min. 0 Sec.

Company: PETROLEUM DEVELOPMENT COR

P. O. BOX 26

BRIDGEPORT, WV 26330-0026

Agent: ERIC R. STEARNS

Inspector: STEVE CASEY

Permit Issued:

02/26/90 03/27/90

Well work Commenced:

Well work Completed:

04/02/90

Verbal Plugging

Permission granted on:

Rotary x Cable Ric Total Depth (feet) 4426'

Rig

Fresh water depths (ft)

540: 700

Salt water depths (ft)

Is coal being mined in area (Y/N)? n Coal Depths (ft): $380-382 \cdot 840-843$

Casing	Used in	Left	Cement Fill Up
)	Drilling	in Well	Cu. Ft.
Size			
11 3/4"	31	31	
8 5/8"	 976 	976	 220 sks
4 1/2"	 4371 	4371	523 sks
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OPEN FLOW DATA

Producing formation	Benson	Pay zone depth (ft) 4278-4281
Gas: Initial open flow	MCF/d Oil:	: Initial open flow	Bbl/d
Final open flow	1.517 MCF/d	Final open flow	Bbl/d
Time of open flow	between initial	and final tests	Hours
Static rock Pressure	1250 psig (surf	face pressure) after	72 Hours
	工作的人以	- 4	
. Second producing forma	tion Balltown	Pay zone depth (ft)1397.5-1405.5
Gas: Initial open flow	MCF/d Oil:	: Initial open flow	Bbl/d
Final open flowco-	-mingled MCF/d	Final open flow	Bbl/d
Time of open flow	between initial	and final tests	Hours
Static rock Pressure	psig (sur	face pressure) after	Hours

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 SEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

> For: PETROLEUM DEVELOPMENT

MAY 0 4 1990

By:

Eric R. Stearns April 19, 1990



Clark #1

STAGE	FORMATION	PERFS	80/100 SKS	20/40 SKS	ACID GAL	N2 (MCF)
1ST	Benson (RFK)	13 (4278-4281)	100	450	500	63.7
2ND	**	17(1397.5-1405.5)	100	450	750	70.7

WELL LOG

FORMATION	TOP FEET BOTTOM FEET	REMARKS: FRESH & SALT WATER, COAL, OIL & GAS
TZY'S C T	2	
KB - GL	0 10	7.4011
sand, shale, RR	10 1266	1/2" stream H2O @ 540'
Little Lime	1266 1283	1/2" stream H20 @ 700'
sand, shale	1283 1306	
Big Lime	1306 1394	01 200 200 240 242
Big Injun	1394 1485	Coal 380-382, 840-843
sand, shale	1485 1712	
Gantz	1712 1730	
sand, shale	1730 1745	
::50 ft	1745 1802	gas chk @ 1778' 16/10-2" H2O
	1802 1817	
30 ft	1817 1845	
	1845 1910	
Gordon	1910 1948	
•	1948 2049	
3rd	2049 2070	
	2070 2125	gas chk @ 2115' 16/10-2" H20
4th	2125 2147	
sand, shale	2147 2260	•
5th	2260 2294	
sand, shale	2294 2648	gas chk @ 2330' 24/10-2" H20
Speechley	2648 3036	-
sand, shale	3036 3088	gas chk @ 3069' 22/10-2" H20
Balltown	3088 3442	
sand, shale	3442 3492	
Bradford	3492 3635	gas chk @ 3566' 22/10-2" H20
sand, shale	3635 3990	gas chk @ 3752' 24/10-2" H20
Riley	3990 4106	gas chk @ 4061' 24/10-2" H20
sand, shale	4106 4272	,
Benson	4272 4324	gas chk @ 4277' 24/10-2" H20
sand, shale	4324 4397	<u> </u>
	4397 4397	Driller TD 24/10-2" H20
		gas chk @ DC 24/10-2" H20
	4426	Logger TD

1

FORM WW-2B

Page of STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS WELL WORK PERMIT APPLICATION Page of Old And Carrier 2/26/92

1)	Well	Opera	ator:_	Pet	roleum Devel	opment Corpora	ation 3820	c (5) 115
2)	Opera	tor's	s Well	Number:_	Catherin	e Clark #1	3) El	evation: 1115'
4)	Well	type	: (a)	Oil_/	or Ga	s XX/		
					Dee	P/	round Storag Shallo	e/ wXX/
5)	Propo	sed '	Target	Formatio	on(s):Be	nson (45)		
6)					5000			
7)	Appro	xima	te fre	sh water	strata dep	ths: 32, 132	2, 307	
8)	Appro	xima	te sal	t water d	epths:	N/A		
9)	Appro	xima	te coa	l seam de	pths: 39	7		
10)	Does	land	conta					es/ NoXX
11)	Propo	sed '	Well W	ork:		Stoulet	E Neulla	
12)				,	/	ING PROGRAM		
TYPE				SPECIFICA	TIONS	FOOTAGE I	NTERVALS	CEMENT
			Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Cond	uctor		11 3/4	H-40	42			
Fresl	n Wate	r						
Coal								343816113
Inte	rmedia	te 8	3 5/8	H-40	20#	950	950	E. M. KIBITA
Produ	uction	4	1/2	J-55	10.5#	5000	5000	450 sks
Tubin	ng					*		- JUCS1/18-11-1
Line:	rs	Profession of the						
PACK			s hs set					CELVE III
947	For Divison of Oil and Gas Use, Only DIVISION OF OIL 2 745							
DEPARTMENT OF THE PERSON DEPARTMENT OF WEST								
	Plat	1	\\ WW-9	WW	1-2B	Bond Stuffer	(Type)	A Agent

Page	1 of _
	WW2-A
(09/8	7)
File	Conv

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	CI.	82	(7)	Tour	 U	2)

3)

Date:	February 13	, 1990			
Operator's well number Catharine P. Clark #1					
API Wel	1 No: -47	_ 033	3696		
	04-4-	(1	D 1		

DEPLOYMENT OF DISABLEY

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4)	Surface Owner(s) to be served: (a) NameCatharine P. Clark	5) (a) Coal Operator:
	(a) Name Californie P. Clark	Name
	Address Rt. #1, Box 443	Address
	Mt. Clare, WV 26408	
	(D) Name	(b) Coal Owner(s) with Declaration
	Address	Name Same as Surface
	***************************************	Address
	(c) Name	
	Address	Name
		NameAddress
	Charles Carry NO	
6)	Inspector Stephen Casey #2	(c) Coal Lessee with Declaration
	Address Rt. 2, Box 232 D	Name
	Jane Lew, WV 26378	Address
	Telephone (304)- <u>745-4888</u>	
	TO THE PERSON(S) NAMED AE	NOVE TAKE NOTICE THAT.
	TO THE PERSON OF WHILE THE	OVD TAKE ROTTOR THAT.
	Included is the lease or leases or	other continuing contract or
cont	racts by which I hold the right to	
	Included is the information requir	
	ion 8(d) of the Code of West Virgin	
Sect		
		hapter 22B of the West Virginia Code
I ha	ve served copies of this notice and	application, a location plat, and
acco	mpanying documents pages 1 through	on the above named parties, by:
	Personal Service (Affidavit a	ttached)
	XX Certified Mail (Postmarked po	stal receipt attached)
	Publication (Notice of Public	
	I have read and understand Chapter	22B and 38 CSR 11-18, and I agree
to t	he terms and conditions of any perm	
		it I have personally examined and am
c :		
	liar with the information submitted	
atta	chments, and that based on my inqui	ry of those individuals immediately
		on, I believe that the information
is t	rue, accurate, and complete.	
. ***	I am aware that there are signific	ant penalties for submitting false
	rmation, including the possibility	
	Well Operator	Petroleum Development Corporation
	OFFICIAL SEAL BY:	LUK S.
arra ere	NOTARY PUBLIC Its:	Geologist
E	STATE OF WEST VIRGINIA	P.O. Box 26
10.2	JERRY ALAN STIRE & Address	Bridgeport, WV 26330
	P. C. Box 439 Anmode WV 05025 TO Lophone	304-842-6256
المتعادد	1616 Communication Express Planch 1 1994	
educ.	cribed and worm before me this 22	Inflay of February, 1990
	Class Q. V.	Notary Public
Мус	ommission expires / Man	ek 1,1999