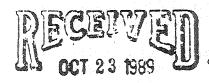


Samples

311 Desplier

WR-35



D'VISION OF OIL & CAS DEPARTMENT OF ENERGY

State of West Birginia

DEPARTMENT OF ENERGY

Bil und Gas Bivision

Date_	Octobe	r 20,	198	9	
Operat	or's				
Well N	Ю. <u></u> #	733			
Farm_	Fae Ma	ys			
API No	. 47 -	035		1076	Fra

WELL OPERATOR'S REPORT

Dictimities, FRACTUREING AND/OR STIME	LATING, C	R PHYSICA	L CHANGE	
WEIL TYPE: Oil / Gas $\frac{X}{X}$ / Liquid Injection (If "Gas," Production $\frac{X}{X}$ / Underground	/ Wast	e Disposa ge/ Dee	l/ p/ Sha	ıllow/)
LOCATION: Elevation: 831.6 Watershed B:	ig Mill Cr	eek		
District: Ripley County Jack			a Riple	ey
COMPANY Outros President				
COMPANY Quinoco Petroleum, Inc. ADDRESS 1207 Quarrier St., Charleston, WV 25301				······································
	Caşing	Used in	Left	Cement fill up
DESIGNATED AGENT Bill W. Backus	Tubing	Drilling	in Well	Cu. ft.
ADDRESS Same as above	Size			
SURFACE OWNER Sterling Ocheltree	'20-16 Cond			
ADDRESS P. O. Box 133, Ripley, WV 25271	13-10" .			
MINERAL RIGHTS OWNER Sterling Ocheltree, et al	9 5/8			
ADDRESS Same	8 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK Jerry				
Tephabock ADDRESS Rt.1, Box 101-A, Ripley, WV	5 1/2			
PERMIT ISSUED 6-1-88	4 1/2		· · · · · · · · · · · · · · · · · · ·	
DRILLING COMMENCED 6-2-88 Worked	3		- W	
DREIJENG-COMPLETED 6-8-88	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			
GEOLOGICAL TARGET FORMATION Brown Shale/Berea		Dept	h	feet
Depth of completed wellfeet R	otarv	······································		
Water strata depth: Fresh - feet;			10015	
Coal seam depths:		ceing mine	d in the	NO
OPEN FLOW DATA	15 COAL 1		а пі пе	area?
		• .		
Producing formation Brown Shale	Pay	zone dept	n 4067	<u>-4254</u> feet
Gas: Initial open flow - Mcf/d (	orr: Ini	ilal open	ilow	Bbl/d
Final open flow 45/62 Mcf/d	Fina	il open fl	ow	Bbl/d
Time of open flow between initia				
Static rock pressure 800 psig(surface	measureme	ent) after	24 hour	s shut in
(If applicable due to multiple completion-				07 27 m.
Second producing formation Berea	Pay	zone dept	h_2500-	feet feet
Gas: Initial open flow - Mcf/d (	Dil: Init	ial open	flow	Bbl/d
Final open flow 567 Mcf/d (	Dil: Fina	al open fl	ow	Bbl/d
Time of open flow between initia	al and fir	mal tests_	6 hou	ırs
Static rock pressure 920 psig(surface n	neasuremen	nt) after	18 hour	s shut in

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

- 6/2/88 Set drillable bridge plug at 4800° with 10° CalSeal cement on top of plug and perforated 4449-4455 with 4 shots.
- NOWSCO cemented behind 4 1/2" with 327 cubic feet foam cement
- 6/9/88 Ran cement bond log. TOC 4016'. Perforated 4067' to 4254' with 23 shots.
- 6/10/88 Foam frac Brown Shale with 370 sxs 20/40 and 755 mScf N=2 with 129 bbls water. Job screened out. Flowed well back.
- 4/28/89 Set drillable bridge plug at 2600'. Perforated 2590-2591' with 4 shots. Halliburton cemented behind 4 1/2" with 75 sxs neat cement.
- 5/31/89 Ran cement bond log TOC 2339 . Perforated 2500-2504 with 32 shots.
- 6/2/89 Halliburton fracture treated Berea with 452 bbls gelled water, 450 sxs 20/40 sand and 108 mScf N-2.

## WELL LOG

FORMATION	COLOR	HARD	OR	SOFT	TOP	FEET	BOT	TOM F	EET	REMARKS Including indication of all frestand salt water, coal, oil and gas
••										
SEE ORIG	INAL						o Maria de Caracteria de C			
- UD	25 LO									
this c	3720		,							
	4246									<del>-</del>
	4657								-000	
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										OCT 23 1989
e e									0000	SIGN OF OF AS
										DIVISION OF OIL & CAS DEPARTMENT OF CIVERRY
									-	
					The special state of the state	<b>ಪ</b>				

(Attach separate sheets as necessary)

Ouinoco Betroleum Well Operator Dachu Bill W. Backus - District Manager October 20, 1989 Date:

Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including and, encountered in the drilling of a well."



## DEPARTMENT OF MINES OIL AND GAS DIVISION

Rotary	,	
Spudder		
Cable T	ools	
<u>~.</u>		

Quadrangle Ripley S. W.

The same y	1
Spudder	
Cable Tools	
Storage	

Company   Commerced the Gas Gerpecation   Company   Co	Permit NoJac		novammusens er turnst to stock of a state of		RECORD		Oil or Gas	Well (KIND)
Address F. O. Sex 11/33 Chearlastem, W. Van 35.25 Canny and Used in Tubing Fac Mays of al. Acres 91.25    Farm Fig. Mays of al. Acres 91.25    Site 35718 35818    Site 35718 35818    Site 35718 35818    Site 358197 County Juniors 1: 800466    Site 35718 1282518    Site 06 35718 1282518    Site 07 1282518    Site 18 215518    Site 07 1282518    Site 07 1	Company Compa	namealth Gas	Corporatio	<b>B</b>				
Continue   County   Display   Size	Address P. O.		······································		25 Casing and Tubing	Used in Drilling		Packers
Well No. 733				res_91 <u>a25</u> _		1		
District. Riplay County Jackson 13 80846s And Section 15 12214 1214 1214 1214 1214 1214 1214				808 /	Size		~~~~	
The nurtice of tract is owned in fee by Pan Maye    Singley, West Yea. Address.   8-1	Well No. 733		E	lev. 631.6	16	<del></del>	1	Kind of Packer
The nurtice of tract is owned in fee by Pan Maye    Singley, West Yea. Address.   8-1	District Riple	<b>D</b> Y(	County Jacks	OM.	13	1 000 0		
Mineral rights are owned by Toe Mark and Norse Take Dedecon Address 1831 Gak Ridge De- Norse Take Dedecon Address 1831 Gak Ridge De- Drilling commenced Sellocki Gassatems, N. Vas 2   50551109 50551107 Drilling completed 1-27-55 Drilling	The surface of tra	ct is owned in f	ee by <b>Fao Mo</b>	<b>y</b> 2	10			Size of
Michael rights are owned by Fam Hand 1831 Oak Ridges Inc.  Drilling commenced 9-10-65  Drilling commenced 9-10-65  Drilling commenced 9-10-65  Drilling completed 1-27-65  Drilling completed 1-28-65	Ripley, Vos	Bt Va. Ad	ldress	<u> </u>	8 1/4	215518	2155:8	
Res   Time   Decision	Mineral rights are	owned by	no Mays and		-			Denth set
Drilling commenced 2-10-61; Castron very we want to provide the state of the state	Mrs. Pina Do	odson Ad	dress 1831 On	k Ridgo Dr.			1	opon see
Delling completed 1-27-55  Date Shot From To Liners Used Taking set at 50871  Perf. bottom Perf. to 50851  Perf. bottom 50855	Drilling commence	d 9-10-6h	Charles	ton, W. Va.	7.1	5078169	507816	Dane Ann
Date Shot From To Liners Used Tuking set at 5087   Perf. top 50592   Perf. top 50592				:	•	7	FALF8300	<del>"</del>
Open Flow /10ths Water in	-				<del></del>	·····		
Open Flow   Total Water in   Inch		r rom	10_		Liners Used			Perf. top
Open Flow   Total Water in   Inch		······································			***************************************	(MOCILLON)		Perf. bottom
Volume Rock Pressure 1140 ibs 65 brs.  Oil. St. St. St. St. St. St. St. St. St. St	: "						CONTRACT TO EXPERIENCE AND THE CONTRACT OF THE	
Volume  Col. Fr.  Oil.  Dobis, 1st 24 hrs.  FEET INCHES FEET INCHES FEET INCHES WELL ACIDIZED  WELL ACIDIZED  Jun 1, 1965 frem 5911 to 5618 (McCallengh Log) with 800 bals water  RESULT AFTER TREATMENT 1,21h, 200 es. 25 hrs.  Fresh Water 370 Feet Sait Water 1759-1759 Feet  Formation Color Hard or Soft  Top Sottom Oil, Gas- or Water Depth Remarks  Depth Remarks					CASING CEN	FATER AS	SIZE N	. Et
MORE PRESSURE AND DESCRIPTION DESCRIPTION DESCRIPTION DE LA COLUMN DE								
Oil bbls, ist 24 hrs.  WELL ACIDIZED  WELL ACIDIZED  FEET INCHES FEET INCHE  FEET INCHES FEET INCHE  WELL FRACTURED Jan, 1, 1945 Crem 5011 to 5028 (McCallengh Log) with 800 bbls water  RESULT AFTER TREATMENT 1,211,000 cm. ft. (60,000 cm. ft. matters)  ROCK PRESSURE AFTER TREATMENT 11407 - 65 hrs.  Fresh Water 370 Feet Sait Water 1759-1759 Feet  Formation Color Hard or Soft 30 200  Darks 200 297  Balls 200 297  Balls 200 297  Balls 315 380 Water 370 1-1/2 bailer par hr.  Late 1980 395 416  Late 1981 115 380 Water 370 1-1/2 bailer par hr.  Late 1981 115 380 Water 370 1-1/2 bailer par hr.  Late 1981 115 380 Water 370 1-1/2 bailer par hr.  Late 1981 115 380 Water 370 1-1/2 bailer par hr.  Late 200 297  Late 200	Rock Pressure	میایلا	lbs	65 hrs.	Lond La	and we		
WELL ACIDIZED  FEET INCHES FEET INCHES WELL FRACTURED Jan. 1, 1965 from 5931 to 5938 (McCallangh Log) with 500 bbls water  RESULT AFTER TREATMENT 1,211,680 gm. 7t. (69,000 gm. 7t. naturel) ROCK PRESSURE AFTER TREATMENT 1,111,680 gm. 7t. (69,000 gm. 7t. naturel)  From Soft Top Bottom Offi, Gas or Water  Formation Color Hard or Soft Top Bottom or Water Depth Remarks  Marface to 200 297 301  Marke 200 297 301  Marke 300 395 116  Marke 300 300 300  Marke 30	Oil	;		bbls., 1st 24 hrs.	COAL WAS I	ENCOUNTERED	ATF	EETINCHE
WELL FRACTURED Jan. 1, 1965 from 5011 to 5038 (NoCallengh Log) with 800 bbls water  RESULT APTER TREATMENT 1,21h,600 on. 2h. (60,000 on. fh. maturel)  ROCK PRESSURE AFTER TREATMENT 1hing - 65 hr.  Fresh Water 370 Feet Sait Water 1759-1769 Peet  Formation Color Hard or Soft Top Bottom Odi, Gasor or Water Depth Remarks  Depth Remarks 11,50 Jan. 1,50 Jan. 1				•	FER	ETINCH	HESF	EETINCHE
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Fresh Water   370   Feet   Salt Water   1759-1769   Feet	Search Administration and a search and a sea		2 021 000	Orlo /		A moderno I i	<u> </u>	
Fresh Water   370   Feet   Salt Water   1759-1769   Feet						The Transfer		
Formation   Color   Soft   Top   Bottom   Oil, Gas or Water   Depth   Remarks								
Soft   10p   Sof	Fresh Water	370	Feet	÷	Salt Water	1759-1769	Feet	
Seed	Formation	Color		Тор	Bottom		Depth'	Remarks
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Mark   297   301   315   380   315   380   395   380   395   380   395   380   395   380   395   380   395   380   395   380   395   380   395   380		Addison	LACOPOPOLA					
Section   Sect			and the state of					
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		Hard or Soft		Boštom	Oil, Gas or Water	Depth Found	Remarks
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Date June 10 , 19 65

APPROVED COMMENTALY GAS CORPORATION , Owner

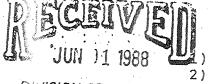
By 1. 1. Jun 2 Land & Eng. Day 6.

Cartifolding protestions each fitterpolationary.

lacued 6/1/88 Expires 6/1/90

FORM WW-2B					Pa	ge <u>3</u> of 6
		STATE	OF WEST	<u>VIRGINIA</u> ISION OF OI	T. AND GAS	
	DEPARTM	WELL WOR	K PERMIT	APPLICATION	L AND GRO	
			1039	2/01	175,3,	577
) Well O	perator:	Quinoco Pe	troleum, En	c. //U/	P15/P1	
) Operato	or's Well N	Number: $\underline{\hspace{0.1cm}}^{\hspace{0.1cm}  ext{F}}$	ae Mays 733	(47-035-1076	) 3) El	evation: <u>831.6</u>
) Well to	ype: (a) (	)il/	or Gas	<u>x</u> _/		•
t Away Miller Tanana ar wasafa ki ki mala wasa	(b) I	f Gas: F	roduction	/ Undergr	ound Storag	e/
ggen et en	Estadores de la companya della companya della companya de la companya de la companya della compa		Deep	- Hut	Shallo	w <u>x</u> /
) Propos	ed Target E	ormation(	(s): <u>Ber</u>	ea/Brown Shal	e	
			11.65	feet P	1.0 A 2.3 C	
) Approx	imate fresh	water st	rata dept	hs: 370'		
) Approx	imate salt	water de	oths:	1759 <b>'</b>		
	imate coal					
0) Does l	and contain	n coal sea	ams tribut	ary to acti	ve mine? Y	es/ No/
.1) Propos	ed Well Wor	ck: Plug b	ack, receme	ent 4 1/2", pe	rforate and f	racture
.1, 110,000		the Br	own Shale a	and Berea form	nations	
.2)		CASIN	G AND TUBI	NG PROGRAM		
						CEMENT
YPE	S	PECIFICAT	IONS	FOOTAGE IN	TERVALS	T CENERI
			Weight	1	Left in	Fill-up
	Size	Grade ·	per ft.	drilling	well	(cu. ft.)
Conductor	16"	35 t	·	•	35 *	:=
		10/01			1242'	1 de la companya della companya della companya de la companya della companya dell
<u>Fresh Water</u>	10"	12421				Justino O
Coal						7
Intermediat	e 8"	21551			2155 '	7/501
`.	4 1/2"	5078 1	-		5078'	From 4450 To 2400
Production	4 1/2	3070			·	
Tubing	•					
Liners	out to support the support to sup				1 500	PARTE SE
		1		:	K	Sagar C
	lind Sizes					JUN 0 1 1988
	epths set					VISION OF OIL & GA
-757	T.	or Diviso	n of Oil	and Gas Use	Only DEP	ARTMENT OF ENER
122						( Ve
Fee(s)	paid:	179911 W	ork Permi		lamation Fu	000
A Plat (	# WW-9	WW-	·2B /	Bond 50B	anse	_ Agen
'F' 7	,	0			(Type)	

1123



DIVISION OF OIL & GAS DEPARTMENT OF ENERGY 3)

Date		MAY	, 	<i>30</i> .	197	88	
Oper	ator	's well	nu	mber			•
Fac	e Mays	733					
API	Well	No: 4		-			
	5 8 8 8 X	State		Count	у -	Permi	t

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

## NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4)		5) (a) Coal Operator:
	(a) Name <u>Sterling Ocheltree</u>	NameNone
	Address P.O. Box 133	Address
	Ripley, WV 25271	
	(b) Name	(b) Coal Owner(s) with Declaration
	Address	Name Sterling Ocheltree
		Address P. O. Box 133
	(c) Name	Ripley, WV 25271
	Address ·	Name Wilma Higginbotham
		Address 1831 Oakridge Drive
		Charleston, WV 25311
6)	InspectorJerry Tephabock	(c) Coal Lessee with Declaration
	Address Route 1, Box 101-A	Name N/A
	Ripley, WV 25271	Address
	Telephone (304)372-6805	
	TO THE PERSON(S) NAMED AS	BOVE TAKE NOTICE THAT:
· ·		11012 11012 11111 1
	Included is the lease or leases or	other continuing contract or
conti	lacts by which I hold the right to	extract oil and dae OP
. A.	included is the information requir	ed by Charter 220 Arting 1
Sect:	ion 8(d) of the Code of West Virgin	lia (see mage 2)
	I certify that as required under of	Chapter 22B of the West Virginia Code
I hav	Ve served copies of this notice and	application, a location plat, and
accor	mpanying documents pages 1 through	on the above named parties, by:
	Personal Service (Affidavit a	on the above named parties, by:
J	Certified Wail (Death-and a	(trached)
	Certified Mail (Postmarked po	stal receipt attached)
	Publication (Notice of Public	ation attached)
	T have yord and make a company	
+0 +1	I have read and understand Chapter	22B and 38 CSR 11-18, and I agree
LO LI.	ne terms and conditions of any perm	ilt issued under this application.
	I certify under penalty of law tha	t I have percentile commised and
ramıı	tar with the information submitted	on this appliantion form
4	eiics, aiid tliat based on my indiii	TV of those individuals immediately
respo	district for obtaining the informati	on, I believe that the information
سدسا تسد	de, accurace, and complete.	
	I am aware that there are signific	ant penalties for submitting false
infor	mation, including the possibility	of fimerand imprisonment
	Well Operator	Quiroco Petroleum, Inc.
	By:/Xll	11/ Dellevel
		2 Comment
		ict Manager uarrier Street, P. O. Box 1433
	Telephone 304/	ston, West Virginia 25325
Subsc	ribed and sworn before me this 30	
1	1 O 1 O 1	May of, 19 <u>88</u>
XX	Van Sale Calendar	
íy co	mmission expires December 9, 1997	Notary Public
<u> </u>	mmission expires <u>December 9, 1997</u>	•