





N.Y

## Oil and Gas Division

# OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,		
Charleston, W. Va.	DATE April 6, 1973	
Surface Owner Glen W. Roberts	Company Alvin G Rowe	S
Address Elizabeth, West Virginia	S117 to 405	nue New York
Glen W Roberts		Andrew State of the State of th
Address Elizabeth, West Virginia		
Coal Owner		
Address		
Coal Operator	Quadrangle Spencer Nort	heast
THIS PERMIT MUST BE POSTED AT THE WELL SITE All provisions being in accordance with Charactering in accordance with Charactering the location is hereby a fracturing. This permit shall expinormations have not commenced by 8-6-73	er 22, nporoved re 1f	
•	Montener	
Deputy Director - Oil & Gas Division	INSPECTOR TO BE NOTIF	CONTRACTOR OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT OF THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS
	Sissonville, WV.	PH: 984-9263
GENTLEMEN:		
The undersigned well operator is entitled to drill upon the	ne above named farm or tract of land for	or oil and gas, having fee
itle thereto, (or as the case may be) under grant or lease	dated 19	_ by
made to		day of
9, in County, Book	Page	
9, in County, Book	A PEDRILL V PRACT	LIDE OD CELMIN AFRE
OIL AND GAS WELL ORIGINALLY DRILLE		ORE OR STIMULATE
OID AND GAS WELL ORIGINALLI DRILLE	D BEFORE JUNE 5, 1969.	
The enclosed plat was prepared by a registered engineer lave been notified as of the above date.	or licensed land surveyor and all coal of	owners and/or operators
The above named coal owners and/or operator are hereby o make by Section 3 of the Code, must be received by, or	notified that any objection they wish t filed with the Department of Mines with	o make, or are required in ten (10) days. *
Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address	day	before or on the
ame day with the mailing or delivery of this copy to the De	epartment of Mines at Charleston, West	Virginia
	Very truly yours,	
	(Sign Name)	aux
	Well Operator	
	Route No. 5, Bo	x 171A
Addre of	Street Street	
Well Open	rator Parkersburg	
	City or Town	04/40/0004
	_West Virginia	01/19/2024
	State	

\*SECTION 3 . . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.



NN

# THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK OFFI	R TODRILL	DEEDEN X FRA	ACTURE-STIMULATE			
			ioi oita siimoairia			
	: (If Known) e Drilling Company					
	True of the					
		37				
	COMPLETED WELL:	ROTARY	CABLE TOOLS			
	FORMATION:	GEOD A GE	DIGDOGAI			
TYPE OF WELL:	OIL GAS (					
TENTATIVE CASING PRO		ING WATER FLOO	DOTHER			
CASING AND TUBING	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.			
SIZE	DRILLING	WELL	OR BACKS CODIC 11.			
20 - 16 13 - 10						
9 - 5/8						
8 - 5/8						
7						
5 ½						
4 ½						
3			Perf. Top			
2			Perf. Top a sent to			
Liners		This permit a life	Perf. Bottom			
		ommenced by	o Jon eved anolistedo			
TO DRILL:			AND DEDMANENT CORV			
SUBMIT FIVE (5) OF PLAT.	COPIES OF OG - 1, \$100.00 PERM	MIT FEE, PERFORMANCE BO	OND AND PERMANENT COPY			
TO DRILL DEEPER OR I	REDRILL:					
SUBMIT FIVE (5) C	OPIES OF OG - 1, SHOWING ORIG RIOR TO 1929, A PERMANENT	GINAL PERMIT NUMBER AND COPY OF THE PLAT AND T	D PERFORMANCE BOND. ON HE ORIGINAL WELL RECORI			
TO FRACTURE - STIMUI	ATE:					
OIL AND/OR GAS V	VELL ORIGINALLY DRILLED BEF IT PLAT AND ORIGINAL WELL R		COPIES OG - 1, PERFORMANCE			
OIL AND/OR GAS V	VELL ORIGINALLY DRILLED ON MIT NUMBER, AND PERFORMANC	AND/OR AFTER JUNE 5, 1929	9, FIVE COPIES OG - 1, SHOW			
Required forms must four (24) hours in a	be filed within ninety (90) days of dvance.	f completion for bond release.	Inspector to be notified twenty			
	Name of the second second					
The following waive	r must be completed by the coal of	pperator if the permit is to be i	issued within ten days of receip			
thereof.						
	ned, Agent formino					
	examined and place on our mine					
	Coal Compan					
providing opera Code.	ator has complied with all rules and r	regulations in Articles 4, 5, and '	7, Chapter 22 of the West Virgini			
		F	or Coal Company			
		1				

Official Title



WELL RECORD, FORM OG-10, MUST BE SUBMITTED TO OBTAIN RELEASE OF WELL UNDER BOND.

STATE OF WEST VIRGINIA

# DEPARTMENT OF MINES OIL AND GAS DIVISION

### NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES, Charleston, W. Va.	
NA - NO COAL	BELCO PETROLEUM CORPORATION
COAL OPERATOR OR COAL OWNER	NAME OF WELL OPERATOR
NA - NO COAL	630 Third Avenue, New York, N.Y. 100
ADDRESS	COMPLETE ADDRESS
	October 28, 19 66
1. Glen W. Roberts 1/2	PROPOSED LOCATION
Elizabeth West Va.	SPRING CREEK
ADDRESS	District
2. Appalachian Royalties 1/3 Clarksburg, West Virginia	WIRTCounty
OWNER OF MINERAL RIGHTS	#1 ROBERT et al
3. Union Nalt, Bank, Trustee 1/6	Well No.
Clarksburg, West Va.	
GENTLEMEN:	Farm
	Elevation 1035 Acres 321
	drill upon the above named farm or tract of land for
oil and gas, having fee title thereto, (or as the case	e may be) under grant or lease dated
	eby_APPALACHIAN ROYALTIES et al, to
CT.EN W ROBERT	, and recorded on the lst day
	in the office of the County Clerk for said County in
Book 126 , page 608 .	in the office of the County Clerk for said County in
to be drilled for oil and gas by the undersigned well	t engineer and shows the proposed location of a well operator on the farm and in the Magisterial District d courses and distances from two permanent points, or
of coal beneath said farm or tract of land on which	d believes there are no coal operators operating beds said well is located, or within 500 feet of the bounds and filed their maps as required by law, excepting the as addressees.
the drilling of a well at said proposed location, or which the drilling of a well at said proposed location will calcoal mines, must be received by, or filed with the Depa a copy of this notice and accompanying plat by said that forms for use in making such objections will be on request and that all such objections must set forth	(if any) are notified that any objections they may hey are required to make by Section 3 of said Code, if ause a dangerous condition in or about their respective artment of Mines within ten* days from the receipt of Department. Said coal operators are further notified e furnished to them by the Department of Mines promptly as definitely as is reasonably possible the ground or e the direction and distance the proposed location should
(The next paragraph is to be completed only	y in Department's copy.)
	e mailed by registered mail, or delivered to the above
named coal operators or coal owners at their above or on the same day with the mailing or delivery o West Virginia.	shown respective addressday before, f this copy to the Department of Mines at Charleston,
	truly yours, BELCO PETROLEUM CORPORATION
(Sign Na	
	Robert E. Dippo
	630 Third Avenue
Address Address	STREET
Well Operator	New York
S OST TOPED SE	New York 01/19/202
(2 CVINE TO	STATE

\*Section 3... If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

The mean policies and

01/19/2024

Bond Form OG-23-Rev. - 1971

# State of West Virginia



2.6

# BOND FOR SINGLE OIL OR GAS

OIL & GAS DIVISION DEFT. OF MINES

	N BY THESE PRESENTS:	
	Alvin G. Rowes	as principal and Royal Indemnity Company
a corporation, as		ne State of West Virginia, in the just and full sum of
\$1,000.00		reof, well and truly made, we bind ourselves, our personal
	uccessors, heirs and assigns, jointly and seve	
representatives, so		,
THE CONI	DITION OF THE ABOVE OBLIGATIONS IS	S SUCH THAT, WHEREAS, the above bound principal (s)
in pursuance of t	the provisions of Chapter 22, Article 4 of the	e Code of West Virginia, 1931, as amended, to obtain from
the Deputy Direc	tor, Oil and Gas Divison, Department of Mine	es of the State of West Virginia, a permit only as indicated.
	Drill ()	
	Re-drill ()	)
	Deepen ()	)
	Plug	
	Fracture-	
	Stimulate (2	
	ell located at or near <u>Creston</u>	in Spring Creek District
Wirt	County, West Virginia. Please ma	ake application on the appropriate form to the Oil and Gas
Division.		
NOW TWO		දිදිදු වි/යුවෙදි දිනු
		, re-drilling, deepening, fracturing-stimulating, plugging of
		laws, rules and regulations relating to the drilling, re-drilling,
1		d casing of wells shall furnish such reports and information
		ia Department of Mines, then this obligation shall be void.
Otherwise, it sha	ll remain in full force and effect and subje	ect to forfeiture.
INI WITNIE	CC WHEREOF the said sainsing has been set	a set his seems and officed his seal and the said county has
		o set his name and affixed his seal, and the said surety has
callsed its cornor	ate name to be hereunto signed and its corp	
		porate seal to be hereunto affixed by Richard H.
Brumbaugh	, its officer or agent thereunto dul	borate seal to be hereunto affixed by RICHARO H.  ly authorized, all of which is done as of the 6th
Brumbaugh	, its officer or agent thereunto dul	
Brumbaugh day of April	, its officer or agent thereunto dul	ly authorized, all of which is done as of the 6th
Brumbaugh day of April	, its officer or agent thereunto dul	
Brumbaugh day of April	, its officer or agent thereunto dul	y authorized, all of which is done as of the 6th  Alvin G. Rowes
Brumbaugh day of April COUNTERSIGNE	, its officer or agent thereunto dul , 19	Alvin G. Rowes  Principal
Brumbaugh day of April COUNTERSIGNE	, its officer or agent thereunto dul	Alvin G. Rowes  Principal  by Multo flux  Superintendent
Brumbaugh day of April COUNTERSIGNE	, its officer or agent thereunto dul , 19	Alvin G. Rowes  by Multo flux
Brumbaugh day of April  COUNTERSIGNE  by  Licens  Surety Company	its officer or agent thereunto dul.  19	Alvin G. Rowes  by Multi- Superintendent  Royal Indemnity Company
Brumbaugh day of April  COUNTERSIGNE  by  Licens  Surety Company	its officer or agent thereunto dul.  19	Alvin G. Rowes  By Multe Principal  By Superintendent  Royal Indemnity Company  Surety
Brumbaugh day of April  COUNTERSIGNE  by  Licens  Surety Company	its officer or agent thereunto dul.  19	Alvin G. Rowes  Principal  by  Superintendent  Royal Indemnity Company  Surety  by  Attorney-in-Fact
Brumbaugh day of April  COUNTERSIGNE  by  Licens  Surety Company	eD:  Seed Resident Agent	Alvin G. Rowes  Principal  by  Superintendent  Royal Indemnity Company  Surety  by  Attorney-in-Fact
Brumbaugh day of April  COUNTERSIGNE  by  Licens  Surety Company	its officer or agent thereunto dul.  19	Alvin G. Rowes  Principal  by Multe flux  Superintendent  Royal Indemnity Company  Surety  Attorney-in-Fact  reverse side)
Brumbaugh day of April  COUNTERSIGNE  by  Licens  Surety Company	eD:  Seed Resident Agent  Seed Resident Agent  (continued on a	Alvin G. Rowes  Principal  by Multe Superintendent  Royal Indemnity Company  Surety  Attorney—in—Fact reverse side)
Brumbaugh day of April  COUNTERSIGNE  by  Licens  Surety Company	eD:  Seed Resident Agent  Seed Resident Agent  (continued on a	Alvin G. Rowes  Principal  by Multe flux  Superintendent  Royal Indemnity Company  Surety  Attorney-in-Fact  reverse side)
Brumbaugh day of April  COUNTERSIGNE  by  Licens  Surety Company	eD:  Seed Resident Agent  Seed Resident Agent  (continued on a	Alvin G. Rowes  Principal  by Multe Superintendent  Royal Indemnity Company  Surety  Attorney—in—Fact reverse side)
Brumbaugh day of April  COUNTERSIGNE  by  Licens  Surety Company' attached.	Term Expires  State of New York  Jest 1  Jest	Alvin G. Rowes  Principal  by Multe Superintendent  Royal Indemnity Company  Surety  Attorney—in—Fact reverse side)
Brumbaugh day of April  COUNTERSIGNE  by  Licens  Surety Company' attached.	Term Expires  State of New York Country of New York  Scountry of New York  State of New Y	Alvin G. Rowes  Principal  by Multe flux  Superintendent  Royal Indemnity Company  Surety  reverse side)  March 30, 1962
Brumbaugh day of April  COUNTERSIGNE  by  Licens  Surety Company' attached.	Term Expires  Continued on 1	Alvin G. Rowes  Principal  by Superintendent  Royal Indemnity Company  Surety  reverse side)  NSEN  Assistant Secretary of
Brumbaugh day of April  COUNTERSIGNE  by Licens  Surety Company' attached.	Term Expires  State of New York Country of New York  I,	Alvin G. Rowes  Principal  By Multi flux  Superintendent  Royal Indemnity Company  Surety  Actionney—in—Fact  reverse side)  NSEN  Assistant Secretary of the State of State o
Brumbaugh day of April  COUNTERSIGNE  by Licens  Surety Company' attached.	Term Expires  State of New York Country of New York  I,	Alvin G. Rowes  Principal  By Much Superintendent  Royal Indemnity Company  Surety  Attorney in-Fact  reverse side)  Assistant Secretary of Company  March 30, 1962  Assistant Secretary of Company  Assistant Secretary of Company  March 30, 1962

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company, at the City of

April

\_day of\_\_

New York, this\_

STATE OF WEST VIRGINIA

COUNTY OF \_\_\_\_\_\_, to wit:

	وي م
And the second delicated that the second	Carrotte Control
Julier of Attorney No. 14093	
purmant in the tollowing By-Law, which was adopted by the Directors of the said Company on	
Armore that have power and authority to appear therefore, for any other Officer designated by the Board of Officers that have power and authority to appear the leaders Vice-Presidents, desident Secretaries, Resident Assistant Secretaries, and Attourees as last, and to give such appearances built cover and authority to significant the seak with the Company's seek where required all positives bends, recognisances, supplictude and estimated underwriting understanting, and be may at any time in his judgment remove save such appointed and revisite any suffering vices to them.	
does hereby nominate, consumine and appealing RICHARD By STUMBAUCH	
askings, the near item of up one of which is in any or out, he exceed FIFTY THOUSAND	
IN WITNESS WHEREOF, the said ROYAL INDEMNITY COMPANY has consed its conporate seal to be bereinted and three-presents to be duly executed by its proper Officers.	
STATE OF NEW YORK  COUNTY OF NEW YORK  SET OF NEW YORK  COUNTY OF NEW YORK  STATE OF NEW	
On this 30 day of November 19 60 before me personally appeared	
W. L. FALK Vice-President of the ACYAL INDEMNITY COMPANY	
with whom I am personally acquainted, who, being it its duly eacen, saids that he resides in the State of	
NEW YORK that he is Vice-President of the ROYAL INDEMNITY COMPANY	
the corporation described in and which executed the loragoing instrument, that he knows the corporate seal of the said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he seems that it was so affixed by order say the suthority.  Robert F. Mirchert, Notery Public, State of New York, No. 24-7277375, Qualifiled in Mings County  Lead of New York County  Lead of Explored Method of Med County	
	A) A
	50 60
ATE OF NEW YORK OURTY OF MIN YORK	
	1/19/2024
corporation of the State of the above and lorsgoing as a full, true and correct copyror I ower of Attorney issued by	
oguar and that it is a correct transcript therefrom and of the original and that the said Power of themselves said in the force, and effect and late not been recoked.	
IN WITNESS WHEREOF, I have hereunto earmy hand and smared the seal of said Company, at the City of	
ew Vork this 1, the day of April 10 73	

Permit No.....

Quadrangle Burning Springs

Wirt 531



# STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION 14

Rotary	X
Spudder	
Cable Tools	

Storage

Operations Oil or Gas Well Suspended

#### WELL RECORD

(KIND) Belco Petroleum Corporation Casing and Tubing Used in Drilling Left in Well Company . **Packers** 630 Third Ave. NYC, N.Y. Address ... Roberts Size Acres. Location (waters) Umpstead Ridge, Fish Pot Run 16... Kind of Packer Model"B 13 3/8 33 33 Well No. #1 Elev. 1035 GD No 9 5/8 2013 District Spring Ck. County 2013 Wirt Size of... 81/4..... Mueller The surface of tract is owned in fee by..... Elizabeth, W.Va. 6×x 7" 7086 7086 Depth set 6950 ----- Address 5879 Mineral rights are owned by Roberts, AppalachRoyalties 5 3/16... Address Elizabeth, W. Va. Drilling commenced 11/15/66 Perf. top 7074-76 Drilling completed 12/13/66 ж 7/8 7078-Perf. bottom 5928-36 Perf. top 5942-54 Date Shot...... From...... To...... Liners Used. Perf. bottom 5959-64 With See Back Open Flow /10ths Water in.....Inch Attach copy of cementing record. See Back Page CASING CEMENTED SIZE No. Ft. ..... Cu. Ft. Amount of cement used (bags)..... hrs. Name of Service Co..... .....bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT None FEET ....INCHES WELL ACIDIZED (DETAILS) See Back FEET INCHES FEET INCHES FEET INCHES FEET WELL FRACTURED (DETAILS).... RESULT AFTER TREATMENT (Initial open Flow or bbls.)..... ROCK PRESSURE AFTER TREATMENT ... HOURS Fresh Water Feet.... Salt Water

roducing Sand	g Sand						
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth	Remarks
ss,sts, sh	Red	Soft	Surf	1150			
Sands	Buff	Medium	1150	1160			
s, sts,sh	Red	Soft	1160	1560			
Sands	White	Hard	1560	1800	Tr.Gas-oil	shows	Salt sds
Shales	Grey	Soft	1800	1825	1.7	F -	N.
imy Sands	Buff	Medium	1825	1860			1
ime ·	Grey	Hard	1860	1875			
and	Buff	Hard	1875	2010	Gas Shows		Injun
sts,sh	grey/grn	Soft	2010	5580			Berea 238
hale	Brown	Soft	5580	5690			Marcellus
ime &shale	Tan	Medium	5690	5740		and the second second	That contract
ime, chert	buff	Hard	5740	5930	336	563	Cornif.
	ouff/white	Hard	5930	6020	Gasail	5928	00211111
ts,lime ime,sts	grey	Hard	6020	6050	(0)	R1967	i i gan
atty .	. Brown	Hard	6050	6220	I LI LE	TILL NO	
olo,atty	D		6220	6250	Dept. of	rginia 3	LA TOLE
_	Brown	Hard	6220	6250	PET. OI	Mines S	
olo q	Brown	Hard	6250	6630	EC.	3	
alt,Dolo olo,sts	White	Soft	6630	6660	EE55150	26181	O. Carlo
atty	Brown	Hard	6660	7075			
s, dolo	tan, buff	The state of the s	7075	7080	Gas, salt w	12ton 707.01	19/2024
lolo, Mdst	Tan/grey	A	7080	7140	das, sart v	uter /0/3	Mewnar.8
, 1100	7001	Mossia .	1000	71-10		1	
FILE	TOMOGRA	ATIC TO DEC	207.0				100
or,		The second second	OULCE TO THE				
reen tond	1 GB	Lead of Day					

Formation	Color	Hard or Soft	Top14	Bottom	Oil, Gas or Water	Depth Found	Remarks
Set 33' 13					e		
Set 2013 9 Set 7078'		sx cu. ft. Two	Stages			Age 7	
olis esp ()	First St	age: 5999-7	127 w 175			7.7	
Ran 2 7/8		tage: 5999	w 95 cu.it				
	-7076 w 8		ough 36 Bbl	s 28% Acid	& 20% isopr	ophy alchol	nol
		- broke dow	m @ 3,800,	inj @3.5 B	PM @ 4,600	psi	
Rec	Acid & we	- inj N2 ll flowing.	140 MCF t	hrough 6700	of SW	- francisc al.	
Set Abn P	ug @ 6,03	8' & Perf	928-36, 59	42-54, 5959	64 w/2/ft		
		Bbls 28% a	cid		1 311		
		er @ 5879 wn Orisk @	1800 psi-i	 mi 16 BPM @	3.100 psi		
	ir	j N2 @200 s	CF/Bbl & s		,,200 por		
T. Mary	To	tal 500g-ad 600 Bbl	s-Treated	water			
		25,000 1h 128 MS0					
Test.		k Frac wate	r & N2			1 m 1 978	
7.39		Bbls H2O, 10 Bbls H2				. A. 1960 17g1	
1	SI - M <b>O</b> I						
(1)	Opened Wand salt	vell through	test sepai	ators and	unloaded ga	s, conden <b>s</b> a	e
(2)	Moved in	rig and ki nt retainer	lled well. @ 5974°.	Pulled tu Spotted ce	bing. Re-r	an and set l of retaine	Model
(3)	Squeezed and perf	perfs 5928 5927'-35'	- 5964 w/3 w/32 holes	100 Sx. Dr	led out ce	ment to 5939	) 1
(4)	Acidized SI well	w/1000 gal 1-31-67.	15% Hcl.	Swabbed an	d flowed ga	s (TSTM) and	l water.
					and the same of th		
	the man	7					
					1808	68 1 194	
1	12.74	4	1 10			a la	
	1						
	1.					The i	
		1000	57				
					The second	18	
· . Compel			E			16.1	
						of the america	
						49.75	
			2			12	
			25			01/1	

M'N

	Date	March	22,	1967	, 19
				RPORATION	, , ,, ,,
В	y Hans	eR.S	deva (Ti	Gas Er	gineer

B.3

#### STATE OF WEST VIRGINIA

## DEPARTMENT OF MINES

OIL AND GAS DIVISION

## INSPECTOR'S WELL REPORT

ROTARY

Permit No. WIRT- 531		Oil or Gas Well			
Company BelCo PETROLEUM CORP.	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS	
Address SpenceR, W.UR.	Size			Libert and the soul	
Farm GLEN W. ROBERTS ETAL.	16	33'		Kind of Packer	
Well No	10			Size of	
District SPRING CREEK County 45/RT	81/4				
Drilling commenced 11- 15-66	6%			Depth set	
Drilling completedTotal depth	5 3/16			Parf ton	
Date shotDepth of shot	2			Perf. bottom	
Initial open flow/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing/10ths Merc. inInch				Perf. bottom	
VolumeCu. Ft.	CASING CEME	NTED	SIZE	No. FTDate	
Rock pressure lbs. hrs.	NAME OF SER	RVICE COMPA	NY		
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT NONE	_FEETINCHES	
Fresh water NONE feet feet feet	FEET_	INCH	ES	_FEETINCHES	
Salt water None feet feet	FEET	INCH	ES	FEETINCHES	
Drillers' Names				e de la companya de	
	DRILLING	Co.			
CONT, RAY BROS, A Remarks:  DR9-1335					
6117-1000			1819303	122232425	
			and.	0.3	

11- 17- 66

attice our Wal 1/2020

#### DEPARTMENT OF MINES

#### OIL AND GAS DIVISION

## INSPECTOR'S PLUGGING REPORT

	DISTRICT_	Packer  BRIDGES  CONSTRUCTION-LOCATION	Location		
tion D DEPTH PLACED	Amount	Packer BRIDGES	Location	S AND TUE	BING
tion D DEPTH PLACED	Amount	Packer BRIDGES	Location	S AND TUE	BING
tion D DEPTH PLACED	Amount	Packer BRIDGES	CASING	S AND TUE	
D DEPTH PLACED		BRIDGES	CASING	S AND TUE	
With a proper to make a common control of the contr	LEAD		<u> </u>		
WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
	No. Standard Control And Laboratory	**		- 1	
	DOMESTIC CONTRACTOR OF THE PARTY OF THE PART				-
					<del></del>
		g offering the second	,		
	77				
	MATERIAL SALES FOR STATE OF A STA				
				Martin distance and distance	
				. 455	
hereby certify I v	isited the abov	e well on this date.			
		hereby certify I visited the abov	hereby certify I visited the above well on this date.		

DISTRICT WELL PARE TO

OG-11

#### STATE OF WEST VIRGINIA

### DEPARTMENT OF MINES OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

ROTARY

Permit No. WIRT- 531

Oil or Gas Well\_

			(KIN	ID)
Company Belco perroleum corp.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address Spencer, WUA.	Size			most convert gain.
Farm GLEN W. ROBERTS ETRL	16	33'		Kind of Packer
Well No	13	2013'		Size of
District Spaing CREEK County 45/ PT	81/4	S.8.3		
Drilling commenced 11-15-46	65/8			Depth set
Drilling completedTotal depth	5 3/16			
Date shotDepth of shot	2		2	Perf. bottom
Initial open flow/10ths Water inInch	Liners Used			Perf. top
Open flow after tubing/10ths Merc. inInch				Perf. bottom
VolumeCu. Ft.	CASING CEME	NTED	SIZE	No. FTDate
Rock pressurelbshrs.	NAME OF SEI	RVICE COMPA	NY	
Oilbbls., 1st 24 hrs.	COAL WAS EN	NCOUNTERED	AT NEW E	_FEETINCHES
Fresh water None feet feet	FEET	INCH	ES	FEETINCHES
Salt water None feet feet	FEET.	INCH	ES	FEETINCHES
Drillers' Names	artikat di sasari di kacamatan di manan di sasari	and the state of t		e pain minin
	58162149	co.,		
Remarks:  DR9: 5000			2820	3031/123
page 3000			35.5	W 1966 55
			Inn	at 1 x m
			D TO D	est Virginia Sept. of Mines
11-24-66		- A	Muer 1	19151718
HOSE AND DATE TO A TOM		Management and American Street, and and an artist of the control o		DISTRICT WILL INSPECTOR

#### DEPARTMENT OF MINES

#### OIL AND GAS DIVISION

## INSPECTOR'S PLUGGING REPORT

OMBANY			ADDDEGG		II No		
OMPANY			ADDRESS	***************************************			
ARM	DISTRICTCOUNTY						
illing Material Used				***************************************	######################################	***************************************	
iner Loc	ation	Amount	Packer	Location	***************************************		
PLUGS USED A	PLUGS USED AND DEPTH PLACED		BRIDGES	CASING AND TUBING			
CEMENT-THICKNESS	HICKNESS WOOD-SIZE		CONSTRUCTION-LOCATION	RECOVERED SIZE		IZE LOS	
						-	
	* - 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1						
engiji in ra	- 189						
		,					
illers' Names							
		September 200					
marks:							
DATE	I hereby certify I	visited the abov	e well on this date.				

B 5

#### STATE OF WEST VIRGINIA

# DEPARTMENT OF MINES OIL AND GAS DIVISION

## INSPECTOR'S WELL REPORT

ROTARY

Permit No. 151AT - 531			Oil or	Gas Well	and tellings
Company Belco PETROLEUM CORP.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PAC	KERS
Address SpenceR, W. WH.	Size			\$6,000	
Farm GLEN W. RUBERTS ETAL	16			Kind of Pa	eker
Well No/	10	149		Size of	
District Spaing eneets County WIRT	897	2013			
Drilling commenced 11-15-26	5 3/16			Depth set_	
Drilling completedTotal depth	3			Perf. top	
Date shotDepth of shot	2				m
Initial open flow/10ths Water inInch	Liners Used			Perf. top Perf. botto	
Open flow after tubing/10ths Merc. inInch					
VolumeCu. Ft.	CASING CEME			No. FT	Date
Rock pressure lbs. hrs.				18	
Oilbbls., 1st 24 hrs.  Fresh waterNowe_feetfeetfeet					
Salt water NONC feet feet					
Sait water	FEET.	INCE	ies		INCHES
Drillers' Names					
CONT, BAY BAO Remarks: DAG. 6876'	TheRS D	RILLING	6678	970	-
DAY. 681-		2	DEC 106	6	
		13031	DECTI	西哥	

#### DEPARTMENT OF MINES

OIL AND GAS DIVISION

## INSPECTOR'S PLUGGING REPORT

Permit No.				Wei	No		
COMPANY			ADDRESS				
FARM	4. 7.3	DISTRICTCOUNTY					
Filling Material Used	- 44						
iner Loc	cation	Amount	Packer	Location		73	
PLUGS USED AND DEPTH PLACED			BRIDGES	CASIN	G AND TU	TUBING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	
	ABO SE COM SERVICIO SE CONTROLO LA CALLADA SERVICIO NAVIGADA				4-10-67-10-00-0-1-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	Y A	
			- 4-3				
and the same of th	43.						
	•						
And the supplemental state of the supplement							
rillers' Names							
emarks:	and the second s						
					A-5 x		
	I handy contifu I	inited the character	e well on this data				
DATE	I hereby certify I v	isited the abov	e well on this date.				

B/

#### STATE OF WEST VIRGINIA

# DEPARTMENT OF MINES OIL AND GAS DIVISION

## INSPECTOR'S WELL REPORT

BOTARY

Permit No. 10187-531			Oil or	Gas Well	ole train
Company BELCO PETROLEVA CORP,	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKE	RS
Address SPENCER, WUA.	Size			hard face	
Farm GLEH WI ROBERTS ETAL	16	33'		Kind of Pack	er
Well No.	10 9 /8	2013		Size of	
District Spring CReck County WIRT	81/4	7106			
Drilling commenced 11- 15-66	5 3/16			Depth set	
Drilling completedTotal depth	3			Perf. top	
Date shotDepth of shot	2			Perf. bottom	
Initial open flow/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing/10ths Merc. inInch				Perf. bottom.	
VolumeCu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressurelbshrs.	NAME OF SE	RVICE COMPA	NY		
Oilbbls., 1st 24 hrs.	COAL WAS EN	NCOUNTERED	AT NON	FEET	_INCHES
Fresh water Nowe feet feet	FEET.	INCI	IES	_FEET	_INCHES
Salt water NONE feet feet	FEET.	INC	IES	FEET	_INCHES
Drillers' Names					Ekiner
CONT, RAY BROS.	DRILLIN	9 00,,	653	62128293037	4
Remarks: Well Shot Down Tes.	TING N	CUBURS	spin.	DEC 766 DA	2
TO Deepen SANDS. The	E LAST A	Depth 1	1 ARBOR	West Virginia	36
			180	Dept. of Mines	9
			3	9/1/2/3/1/1	

12-21-66 DATE arthur Mill Wel District Wel District on

#### DEPARTMENT OF MINES

#### OIL AND GAS DIVISION

## INSPECTOR'S PLUGGING REPORT

rermit 140				Wei	1 No		
COMPANY			ADDRESS				
FARM		DISTRICTCOUNTY					
Filling Material Used							
Liner Loc	cation	Amount	Packer	Location			
PLUGS USED A	PLUGS USED AND DEPTH PLACED		BRIDGES	CASIN	G AND TU		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST	
						P-84	
			11 1 24 3				
L		- =====					
			1/2 /				
	4.2.7.7					1	
		C D'MANAN					
272.193							
rillers' Names							
emarks:							
chierry.							
	<b>*</b>						
DATE	I hereby certify I v	visited the abov	ve well on this date.				
DATE	I hereby certify I v	visited the abov	ve well on this date.				

OG-11 B

# STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

## INSPECTOR'S WELL REPORT

Permit No. WIR-63/		ruita		Oil or	Gas Well	er an vent
Company BELCO PETROLE	TUM CORP.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS MA
Address LBOYD BROWN SRI	ANDVIEW MOTEL, GPENCÊ 25736	Size			_two initial	
FarmROBERTS	To Sopil	16	0./	noing or	Kind of Pack	cer
Well No.		10 Kum +	2014		Size of	
District_ GRRING CREEK		81/4 1/0	1	May		
Drilling commenced	, well	5 3/16	ou proces	Dus.	Depth set	
Drilling completed	Total depthy well	8 Wind	CI NO	NAL	Perf. top	
Date shotDej	pth of shot	2 00 11	w only	Je ·	Perf. bottom	·
Initial open flow	10ths Water in Juch	Lineas Used	Was		Perf. top Perf. bottom	
Open flow after tubing . N	10ths Merc. in Mich	ON ON	Mayla			
Rock pressure Oil Fresh water fee	/10ths Water in Theh	CASING CEME		SIZE	No. FT	Date
Rock pressure	hrs.					
Oil Bulle	bbls., 1st 24 hrs.	COAL WAS EN	Sec.	360	FEET	INCHES
		FEET	INCH	DECENA	FEED	INCHES
Salt water fee	etfeet	FEET_	0	West Virgin	PEETO	INCHES
Officers' Names			100	91 C/+1 C/ 7\	11016	SALEMENT AND
				SEPTERO		
	HUT IN WITH MAY		L HEAD ON	8 656	NO GAS LE	EAHS.
	TWO OUT FURTHERS				CIN ATTANA	
CONCERNI	NG FUTURE OPERA.	TIONS OF AN	Y WELL, IN	LTHE CO	NOITION A	
AS LOCAT	ION YWELL IS INC	GOOD CONDITY	TON AND NO	THROWIN	G THE ABO	VE D
5-26-67 TTO RELE	ASE.			in a Hol	lifer 100	1004
DATE			/	1	DISTRICT WELL	NEFECTOR

## DEPARTMENT OF MINES

OIL AND GAS DIVISION

# INSPECTOR'S PLUGGING REPORT

	DISTRIC	PTBF		OUNTYLocation		ald am
EPTH PLACED	Amount	BF	Packer			2 (2 kg/d
EPTH PLACED		В		Location		2. (1.2 <u>0</u> 6)
EPTH PLACED		В		Location		
	LEAD		RIDGES			
VOOD-SIZE	LEAD	COMPTRUC		CASIN	G AND TUI	BING
		CONSTRUC	TION-LOCATION	RECOVERED	SIZE	LOST
				n 0 8		
					, ka inik ma	an and
			7-3-		/	
			The state of the s		108314	10 1 BALL
× , , , , , , , ,	3.1			11963		Linea s
		eny eren	igbt_relieW as		A P.	News lat
					nien.	
	O PAGE	N.	N. Maria		17	
					577/	
X1.64.420	37/1 a /h	I OF SERVICE STATE				
			- 10 to F politica.		7	
	183			193 <u>1</u>		
reby certify I	visited the al	bove well on thi	s date.			
	reby certify I	reby certify I visited the a	reby certify I visited the above well on thi	reby certify I visited the above well on this date.	reby certify I visited the above well on this date.	reby certify I visited the above well on this date.





# STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

#### NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

Charleston, W. Va.			
None	Belco	Petroleum Corpo	ration
Coal Operator	ree a l	Name of Well Operator	
		Fall hole	
on office and filled place School to a	630 Third	Ave., New York,	N. Y.
Address	. 8000	Complete Address	
None	October	4, 1967	
Coal Owner	A SHARE THOMS	Date	
, hardwaa al malasa daqob da	AND THE RESERVE AND THE PARTY OF THE PARTY O	LL TO BE ABANDONED Creek	District
Address		1778	District
Glen W. Roberts, Appalachian	Wirt		County
Glen W. Roberts, Appalachian Royalties, Union Nat's Bank, Trustee ease or Property Owner	rement plu	127 125617	
	Well No	3173 41 <del>7</del> 32 7	
	Glen W.	Roberts	
Address			Farm
spector Arthur Null, Hundred, W. Va.		Telephone	775-5611
BE NOTIFIED 24 HOURS IN ADVANCE OF	PLUGGING OF	PERATTONS	
entlemen:—			
melemen.—			
The undersigned well operator is about to abar	don the above	deganihad wall and will	

the work of plugging and abandoning said well on the date inspector is notified (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,

Belco Petroleum Corp

by: found of the Well Operator

NOTE: Upon the abandonment of any well drilled prior to June 1, 1929, a plat prepared by a registered engineer, shall be filed with PHREE COPIES OF APPLICATION, (OG-9) AND "WORK ORDER" AND TWO COPIES OF THE WELL RECORD, (OG-10). The map must show the district and county in which the tract of land is located, the name and acreage of same, the name or names of the owners and names of adjacent tracts and the location of the well to be abandoned, determined by survey with the courses and distances of such well from two permanent points or landmarks on said tract, in compliance with Rule 5 of the Rules and Regulations.

NOTE: In case plugging is not commenced within four months from the date of permit, same shall expire and be of no further force or effect.

NOTE: PERMIT IS NON TRANSFERABLE.

RECEIVED

WIRT-531-PP

Permit Number

AFFIDAVIT, FORM OG-8, MANNER WELL PLUGGED MUST BE SUBMITTED TO OBTAIN RELEASE OF WELL LINDER ROND

#### PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

# WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

#### WORK ORDER

Well to be plugged and filled as follows:

"Partial Plugging"

assembled . We me for

Well plugged from total depth of 7140' to 6038' with cement. Perforated at 5927' to 5935' acidized Fill hole from this depth to surface with 6% Bentonite mud (gel) or as well is plugged and filled place Bentonite mud between plugs. Pull casing as ascend up hole.

Set 50' cement plug inside casing from 5910' to 5860' Place 20' cement plug at depth casing is severed, approximately at 5400'.

7" casing pl pulled at this depth Place 20' cement plug at 2365'

Place 25' cement plug from 2088' to 2013'.

Big Injun will be tested.

To the Department of Mines Coal Owner or Operator, Lease or Property Owner.

IF PARTIAL PLUGGING
PLEASE SUBMIT REVISED WELL RECORD
WHEN WORK IS COMPLETED.

LIPM TO BEATTH RETEASE OF GUILDING

Arribus Null, Humanest, L. Va.

#### Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date inspector is notified after permit is issued.

Very truly yours,

prior to lade to Tribo a that propared by a	Well Operator
or property owners or interposed by the De	owner or coal operator, or any available adjacent lease partment of Mines to the manner herein described for tioned. Therefore, the same is hereby approved this
4th day of October , 19	of all all years at a control of the control of the control of
	DEPARTMENT OF MINE 1/19/2024
a lour regards from the date of permit, same	Deting the second refugility of the second s
	Ву:

# STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

## AFFIDAVIT OF PLUGGING AND FILLING WELL

Partial Plug

N	ONE			Belco P	etroleu	um Corp.	
COAL OF	PERATOR OR OWNER	1	630	) Third	of well ope Ave., N		10
	ADDRESS			co	MPLETE ADDR	ESS	
	PERATOR OR OWNER			WELL	AND LOC	ATION	1967
Appalach	ian Royal	ties		Spring C	reek		District
Glen W.	Roberts e	t al	· · · · · · · · · · · · · · · · · · ·	Virt			County
	R PROPERTY OWNER 1, West V		777-11	No. # 1	( Wirt*	531 )	
	ADDRESS			n W. Rob			
			arei	I W. ROD	erus et	al.	Farm
STATE INSPECTOR S	SUPERVISING	PLUGGING	Harry	Holiday	354-61	-45	
		AF	FIDAVIT				
STATE OF WEST	VIRGINIA,	)					
County of Kana	wha	} ss:					
	Carr	,	and	Cliff	ord Ha	ckney	
being first duly swe	orn according	to law dep	ose and say	that they ar	e experier	ced in the	work of
and filled in the foll	lowing manne	FILLING MATER	DIAI	DI UG	SUSED		
FORMATION	711000				& KIND	CSG	CSG
Oriskany	Cement]	gelled to	gel)	501	Cement	PULLED	LEFT I
Sand & Sh.	Cement						
Maria a vii.	O CILI CILI O	18	gel)	50	11	4386	276
Berea	Cement	" (8	gel	391	11	4386	276
Berea Bottom of		" (8			11	4386	276
Berea	Cement	" (8	gel	391	11	4306	276
Berea Bottom of	Cement	" (§	gel)	39' 75'	"	4386	276
Berea Bottom of 75/8/sg.  Note: Big Ir	Cement Cement jun will	be testing for the	gel) ed at lathis well,	39' 75' ter date	L is no	t produ	ctive
Berea Bottom of 0/5/8/sg.  Note: Big In Partia	Cement Cement jun will Pluggintesting	be test	gel) ed at lathis well,	39' 75' ter date	L is no	t produ	ctive
Berea Bottom of 0/5/8sg.  Note: Big In Partia	Cement Cement jun will	be test	gel) ed at lathis well,	39' 75' ter date	L is no	t produ	ctive
Berea Bottom of 0/5/8/sg.  Note: Big In Partia	Cement Cement jun will Pluggintesting	be test	gel) ed at lathis well,	39' 75' ter date	L is no	t produ	ctive
Berea Bottom of 0/5/8sg.  Note: Big In Partia	Cement Cement jun will Pluggintesting	be test	gel) ed at lathis well,	39' 75' ter date	L is no	t produ	ctive
Berea Bottom of 0/5/8/sg.  Note: Big In Partia	Cement Cement jun will Pluggintesting	be test	gel) ed at lathis well,	39' 75' ter date if well	l is no	t produ	ctive
Berea Bottom of  O'(5/8)sg.  Note: Big Ir Partis after plugs:	Cement Cement jun will I Pluggir testing ng permi	be test	gel) ed at lathis well,	39' 75' ter date if well reap	l is no	t produ	ctive nal
Berea Bottom of  (5/8)ss.  Note: Big In Partia after plugg:	Cement Cement jun will I Pluggir testing ng permi	be testing for the Big	gel) ed at lathis well,	39' 75' ter date if well reap	l is no	t produ	ctive nal
Berea Bottom of Poss.  Note: Big Ir Partia after plugs:	Cement Cement jun will I Pluggir testing ng permi	be test	gel) ed at lathis well,	39' 75' ter date if well reap	l is no	t produ	ctive nal
Berea Bottom of  (5/8)sg.  Note: Big Ir Partia after plugg:	Cement Cement jun will I Pluggir testing ng permi	be testing for the Big	gel) ed at lathis well,	39' 75' ter date if well reap	l is no	t produ additio	ctive nal
Berea Bottom of  O'(5/8)ss.  Note: Big Ir Partis after plugs:  COAL SEAMS  ME)	Cement Cement  jun will I Plugging testing ng permi	be testing for the Big t.	ed at lathis well, Injun, wi	39' 75'  ter date if well reap	l is not by for DESCRIPTION Parti	t produ	ctive
Berea Bottom of D'(5/8)ss.  Note: Big Ir Partis after plugs:  COAL SEAMS  ME)  AE)  and that the work Oct.	Cement Cement  jun will I Plugging resting ng permi  None  of plugging: , 19	be testing for the Big t.	ed at lathis well, Injun, wi	39' 75'  ter date if well reap	l is not by for DESCRIPTION Parti	t produ additio	ctive
Berea Bottom of  O'6/8'ss.  Note: Big Ir Partia after plugg:  COAL SEAMS  ME)  ME)  and that the work	Cement Cement  jun will I Plugging resting ng permi  None  of plugging: , 19	be testing for the Big t.	ed at lathis well, Injun, will aid well was	39' 75'  ter date if well reap	DESCRIPTION Parti	t produ additio	ctive nal  NT ging.  day of
Berea Bottom of D'(5/855.  Note: Big Ir Partia after plugg:  COAL SEAMS  AE)  AE)  AE)  AAD AAD AND AND AND AND AND AND AND AN	Cement Cement  jun will I Plugging testing ng permi  None  of plugging: , 19 conents saith:	be testing for the Big to the Big	ed at lathis well, Injun, with the second and well was all well well was all well well well well well well well	39' 75'  ter date if well reap:  None, completed	DESCRIPTION Parti	t produ additio	ctive nal  NT ging.  day of
Berea Bottom of D'(5/8)ss.  Note: Big Ir Partis after plugs:  COAL SEAMS  ME)  AE)  and that the work Oct.	Cement Cement  jun will I Plugging testing ng permi  None  of plugging: , 19 conents saith:	be testing for the Big to the Big	ed at lathis well, Injun, with the second and well was all well well was all well well well well well well well	39' 75'  ter date if well reap:  None, completed	DESCRIPTION Parti	t produ additio	ctive nal  NT ging.  day of

= B-11

#### STATE OF WEST VIRGINIA

#### DEPARTMENT OF MINES

OIL AND GAS DIVISION

## INSPECTOR'S PLUGGING REPORT

Permit No. NIR-631-P.P.					Well No.		
			ADDRESS 630 THIRDIN				
Filling Material Used						· · · · · · · · · · · · · · · · · · ·	
Timing Mutation Cook					J	A	
Liner I	Location	Amount	Packer	Location			
PLUGS USED	AND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	
				m (0		in high	
						erro gali. e	
307.37					bejei	general generalist	
and the second				Transport			
and State			in the second se			to make a light of	
					Access Carlot to		
Pring							
	7177		o meno				
D. 111							
Drillers' Names							
Remarks:	AL THE ACCEPTA	al THE W	IT I LOW BE DELEAS	En de nou	C C E O	TA	
UNTIN	AL LNGPECILO	NIMESIN	ELL MAY BE RELEAS.	- 1000 PLD	CGEV	74	
THE BO	TTOM OF THE	INDUN S	AND.	15/1/8/90	16/6/201	2	
				E 19	68	3	
						2	
				RECE West	of Mines	200	
3-13-60	7.11			O Dept.	7/1/5	3/	
DATE	I hereby certify I v	isited the above	ve well on this date.	€994	786		

Tharry a. Hollishy DISTRICT WES 125022AR

#### DEPARTMENT OF MINES

OIL AND GAS DIVISION

## INSPECTOR'S WELL REPORT

Permit No.				Oil or	Gas Well
CINYL-KN HEUK	C3ATHTRUBAVE, WEW		A K.O.7 In	METHOLEIN	BEICO
CompanyTRIW	CHEEK	TOBING AND	USED IN DRILLING	でない	FURN KACKEBE
Address		Size			
Farm		16	*		Kind of Packer
Well No	Services Professional Control	10	1 A 0.2	No. 10 miles	Size of
District	County	81/4	trup (Kone Manne) (Kone Merene en e		
Drilling commenced		65%			Depth set
Drilling completed	Total depth	5 3/16			Perf. top
Date shot	Depth of shot	2	3		Perf. bottom
Initial open flow	/10ths Water inInch	Liners Used			Perf. top
Open flow after tubing	/10ths Merc. inInch				Perf. bottom
Volume	Cu. Ft.	CASING CEME	NTED	SIZE	No. FTDate
Rock pressure	lbshrs.	NAME OF SEE	RVICE COMP	ANY	
Oil	bbls., 1st 24 hrs.	COAL WAS EN	NCOUNTERE	D AT	FEETINCHES
Fresh water	feetfeet	FEET	INC	CHES	FEETINCHES
Salt water	feetfeet	FEET	INC	CHES	FEETINCHES
Drillers' Names 32 2002	Y BE RELEASED AS P	TS WELL MA	CT ION THE	AL TWSPEC	ON FIN
		UN SAND.	THE INV	TTOM OF	THE BU
Remarks:					

3-13-68

Harry a. Hollidge

DISTRICT WEST ZINGETOR

Bin



# State of West Virginia

Pepartment of Mines Gil and Gas Pivision Charleston 25305

ELMER C. WORKMAN DIRECTOR

March21, 1968

Belco Petroleum Corporation 630 Third Avenue New York, New York 100017

In Re:	Permit	WIRT-531-PP	
	Farm	Glen W. Roberts	
	Well No.	1	
	District	Spring Creek	
	County	Wirt	

Gentlemen:

The final inspection report for your Well which is described above has been received in our office.

Please be advised that the Well, which is covered by the above permit number, has been released under your Blanket Bond.

Very truly yours,

Gurmer Wanock Deputy Director OIL AND GAS DIVISION

1025 desalogit

- CT / Delot 2

and the state of t

Sentilinen:
The filled inspection cools for vei

The filled inspection report. for your fill out

Very test vest

Calcada Calcada de Cal

APt wall number:     (If not available, leave blank. 14 digits.)		47-10	5 - 0531-1	P-Frac	60x
Type of determination being sought:     (Use the codes found on the front of this form.)		108 Section of NO	SPA .	N/A Category Code	OF THE STATE OF TH
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)			N/A	feet On	ON BOOK
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name H P Street	ole Oil & G ays & Compa . O. Box 59		Agent	Selle Code
	City			State Zip Code	
5.0 Location of this well: [Complete (a) or (b).]  (a) For onshore wells  (35 letters maximum for field name.)	Field Nam	N/A Wirt		WV	
(b) For OCS wells:	Area Nam	N/A  Date of Lea  Mo. Day		Block Number	
(c) Name and identification number of this well: (35 letters and digits maximum.)	Muel	ler #1			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)		N	I/A		•
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Colu	umbia Gas Tr	ransmissio	on Corp.	Buyer Code
(b) Date of the contract:			Mo. Da	y Yr.	
(c) Estimated annual production:	1	-	2.5	MMcf.	
		(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)		2 2 8 5	0.1 3	2	2 4 1 7
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)		2 2 8 5	0.1 3	2	2.417
9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris. Agency  APR 031979	Hays 8	G Company,	Inc.	Agent	
Date Received by FERC		30/79 plication is Comple	eted	(304) 927-265 Phone Number	0

Date Application is Completed

FT7900806/2-2

PARTICIPAN	NTS: DATE: 1-14-80	BUYER-SELLER COD
weit or	PERATOR: Seminole Oil + Gas Co.	N/A
FIRST F	PURCHASER: Columbia Gas Trans. Corp.	004030
OTHER:_	•	
	Praylenas Section 108, strippen me	4
	partment of Minos, Oil & Gas Division  DETERMINATION FILE NUMBER	rice est
79041	03-108-105-0531	•
Use Above Relating	e File Number on all Communications  ng to Determination of this Well	
	CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING	
-	CHECK LACH TITLE AND COLDENS	
ITEM NO.	/ - Johns No	
	Items not completed - Line No.	
2 IV-	1 - Agent Hays and Company, Inc.	
3 IV-2	2 - Well Permit V	
4 · IV-	6 - Well Plat	
	35- Well Record Drilling Deepening	11,27
6 IV-	-36- Gas-Oil Test: Gas Only Was Oil Produced? Rat	io 1:1.37
7 17-	-39- Annual Production   Jeans	
	-40- 90 day Production 92 Days off Line:	
9 IV-	-48- Application for Certification. Complete? ✓	Affidavit /
10 - 17	IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58. Complete	Signed /
18 - 28	Other: Survey Logs Geological Charts Struc	cture Map
(5)	1:4000 Map Well Tabulations Gas Analys  Date commenced: 11-15-64  Date Completed: 12-13-66  Deepened	ses
(5)	Production Depth: 1560-1860; 1875-2010; 5936-6020; 70	75-7080
(5)	Production Formation: Sand; Sand; Sand; Dolor	mite
(5)	Final OPEN FIOD  NA	
(5)	After Frac: N/A	•
(6)	Other Gas Test:	
(7)	Avg. Daily Cas from Armual Production: 365 = 72 mc	F
(8)	Avg. Daily Gas from 90-day endir. =/1-120 days 95 2 7.3	3 mcF
(8)	Line Pressure: N/A PSI	G from Daily Repo
(5)	Oil Production: VES From Completion Report 1560-1800	
(10-17)	Does lease inventory indicate enhanced recovery being done:	01/19/2024
(10-17)	Is affidavit signed? Notarized?	
	icial well record with the Department confirm the submitted in	formation? Yes
	al Information boes computer program confirm?	
	rmination Objected to? By Whom?	
was Deter	5mL	

BUYER-SELLER CODE

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

Date March	30	. 19 79
Operator's Well No.	#1	
API Well No. 47 -	105	-0531-PP-Frac
State	County	Permit

## WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 108

	DESIGNATED AGENT Hays & Company, Inc.				
	ADDRESS P. O. Box 590				
	Spencer, WV 25276				
Seminole Gil & Gas Co.  ADDRESS P. O. Box 590	LOCATION: Elevation 1035				
Spencer, WV 25276	Watershed Little Kanawha River  Dist Spring CKounty Wirt Quad Spencer				
GAS PURCHASER Columbia Gas	Gas Purchase Contract No. 020429				
ADDRESS P. O. Box 1273	Meter Chart Code 616463-1-1				
Charleston, WV 25325	Date of Contract				

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

Standard Production Equipment

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

Production Records, Tax Records, Royalty Payment Records

LOCATED: Hays & Company, Inc. Spencer, WV 25276 Describe the search made of any records listed above:

All Records Reviewed

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes No X. If yes, indicate the type and source of the information.

#### AFFIDAVIT

I, George Gainer , having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.

STATE OF WEST	VIRGINIA,			
COUNTY OF RO	ane	, TO WIT:		
	Norma	Cooper	, a	Notary Public in and for the state and county aforesaid,
do certify tha	George	Gainer	whose	name is signed to the writing above, bearing date
the 30th day	of March	, 19 79	, has	acknowledged the same before me, in my county aforesaid.
	Given under	my hand and off	icial	seal this 30thday of March 19 79
1	fy term of	office expires o	n the	29th day of March . 19 87.

1 Orma Cooper

01/19/2024

[NOTARIAL SEAL]

# STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

# DESIGNATION OF AGENT BY WELL OWNER OR OPERATOR

Operator X / Owner _ / Seminole Oil	& Gas Company
	ys and Company, Inc. P.O. Box 590
	r, WV 25276
Pursuant to the provisions of Code 8 22	-4-1k, and subject to the requirements of Regulation
	wing person to be the agent of the undersigned for the
	other communications which may be issued under Chapter
f the Code of West Virginia;	benefit desired and and and and and and and and and an
Designated Agent Hays and Company,	Inc.
Address P.O. Box 590	
Spencer, WV 25276	
Telephone (304) 927-2650	
Helephone (1007) 227 2000	
	signated agent is a bona fide resident of the State of
V	nation. This designation applies to the following well
X all wells owned or operated by the und	
the wells listed below (Unc space belo	v or reverse side or attach list)
•	
PLETE AS APPLICABLE]	
X The undersigned is hereby re	cording an existing designation of agent made prior to
the initial adoption of Form	IV-1,
The undersigned is proposing	to own or operate wells in West Virginia for the firs
	on should also be considered the registration by the
undersigned with the Deputy	
The undersigned has owned an	d operated a well or wells in West Virginia since the
year 19, but has not her	etofore appointed a designated agent.
This designation substitutes	a new designated agent for the undersigned, who has
owned or operated a well or	wells in West Virginia since the year 19 The
present designated agent of	the undersigned, who will continue as such, if he is
able, until this new designa	tion has been approved, is 1.
Agent being replaced	•
Address	
•	
	Seminole Oil & Gas Company
	Well Owner or Operator
	By:
PTED this March 30 , 1979	George Gainer, Treasurer
Hays and Company, Inc.	deorge darmer, freasurer
(Signature of designated agent)	
n, subscribed and swork to before me this. 30	) day of March . 19 79 .
ry Public	dy commission expires March 29 , 19 87

l owner or operator must be a responsible officer of the corporation, trustee, individual or legally slifted representative of owner of the well(s).

DIVISION - OIL AND GAS DITO ARTMENT - MINES STATE OF WEST VIRGINIA

> OIL IN BARRELLS @ 60 DEGREES REPORT OF MONTHLY PRODUCTION GAS VOLUMES IN MCF @ 14.73

REP 19/2024

REP 30, 1979

OPERATOR Seminole 0il & GAs Co. Hays & Company, Inc. Agent

YEAR DAYS ON LINE YEAR 19\_78 OIL BBL GAS MCF API 47-105-0531- FARM 19 77 PP-Frac 204 1 Mueller #1 320 331 COUNTY Wirt 262 222 179 AVG. FLOW PRESSURE 144 137 184 SHITT-IN PRESSURE 0 194 N 323.54 262 224 OII, GAS 2,663

API

GAS

MCF

OIL BBL

JI

DAYS ON LINE

FARM

148

A-

3

S-

267

418

442

GAS

1,275

SHUT-IN PRESSURE

COUNTY

AVG: FLOW PRESSURE.

323.54

TOTALS

TOTALS

API NUMBERS 47-015-0634 47-105-0640

0-

TIO

SUMMARIZATION SCHEDULE Section 271. 804 (b)

which are to be used in determining this well classification under Part 271 Subpart H. In accordance with Section 271.804 (b) please list all other wells 6-8

#### STATE OF WEST VIRGINIA

#### DEPARTMENT OF MINES

OIL AND GAS DIVISION

## INSPECTOR'S PLUGGING REPORT

Liner Location Amount  PLUGS USED AND DEPTH PLACED BRID	Packer	
Filling Material Used  Liner Location Amount  PLUGS USED AND DEPTH PLACED BRII	Packer DGES	Location  CASING AND TUBING
PLUGS USED AND DEPTH PLACED BRII	OGES	CASING AND TUBING
PLUGS USED AND DEPTH PLACED BRII	OGES	CASING AND TUBING
PLUGS USED AND DEPTH PLACED BRII	OGES	CASING AND TUBING
and the second s		
CEMENT-TRICKNESS WOOD-SIZE LEAD CONSTROCT	N-LOCATION REC	OVERED SIZE LOST
Orillers' Names CLIFFORD HACKNEY - FOREHAN ST	S WELL SERVIC	E
Remarks:		
3" TUBING BEING BULLED COULD NOT CIRCULATE THROUGH 8" TOB.	BEITENE 2'en	
		E 16 17 18 20
WILL RE-RUN 3" TUB. + CIRCULATE AND	PLUGBACK	19203
	1	OCT 1967
	10	ECEIVED 2
		est Virginia
11-9-67	(0)	ot. of Mines
I hereby certify I visited the above well on this d	ate.	5111808888

## DEPARTMENT OF MINES

OIL AND GAS DIVISION

## INSPECTOR'S WELL REPORT

636-3 No AUK AFE		O CORP.	(KINI	Gas Well
	I	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			
	11,597			Kind of Packer
	10			Size of
County				Double and
				Depth set
Total depth				Perf. top
Depth of shot	2			Perf. bottom
/10ths Water inInch	Liners Used			Perf. top
/10ths Merc. inInch				Terr. bottom
Cu. Ft.	CASING CEME	ENTED	SIZE	No. FTDate
lbshrs.	NAME OF SE	RVICE COMPA	ANY	
bbls., 1st 24 hrs.	COAL WAS E	NCOUNTEREL	) AT	_FEETINCHES
feetfeet	FEET	INC	HES	_FEETINCHES
feet feet	FEET	INC	HES	FEETINCHES
NO PLUGBACK	H 31KWW	174-471	E. W74-3	N. T. T. M.
		Size   16	CASING AND TUBING   DRILLING	CASING AND   USED IN   LEFT IN

#### DEPARTMENT OF MINES

OIL AND GAS DIVISION

## INSPECTOR'S PLUGGING REPORT

Permit No. W.I.R 631-1	LUGBACK (	(ס:	Well No. Z			
			ADDRESS 630-3RJ. AV			
Filling Material Used	ENTONITE MUD	-CEMEA	7.			
Liner Lo	ocation	Amount	Packer	Location	n	A
PLUGS USED	AND DEPTH PLACED		BRIDGES	CASI	NG AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
C BENTUNTTE MUD	6038-5910			6638'	27/8	0
50'CEM. FLUG (16 BASE	5910-5860					
PULLED 3"TUBIA	4					rasol y al lucati
4 day					· · · · · · · · · · · · · · · · · · ·	
3.0						
	772720	301y (0.8 ).				
2011/1/2						
Remarks			MAN, ATTE WELL GET	IVICE.		m A Coulffac
10-17-67 DATE	I hereby certify I vis	sited the abov	ve well on this date.	REC!	1819203 1967 EIVED Virginia of Mines	CC324257627

# DEPARTMENT OF MINES

#### OIL AND GAS DIVISION

## INSPECTOR'S WELL REPORT

Permit No.	The ED)	CHI)	Oil or	Gas Well
Company	CASING AND	USED IN DRILLING	LEFT IN WELL	PACKERS
Address	Size	72-0014 3	SENTAL S	
Farm_	16			Kind of Packer
Well No	10			Size of
DistrictCounty	8½65 <sub>/8</sub>	0/62	- 8E 0	Depth set
Drilling commenced		3.18		Depth set
Drilling completedTotal depth	3		24	Perf. top
Date shotDepth of shot	Liners Used	was well to be a second		Perf. top
Open flow after tubing/10ths Merc. inInch				Perf. bottom
VolumeCu. Ft.	CASING CEME	ENTED	SIZE	No. FTDate
Rock pressurelbshrs.	NAME OF SE	RVICE COMPA	ANY	
Oilbbls., 1st 24 hrs.	COAL WAS E	NCOUNTEREL	) AT	FEETINCHES
Fresh waterfeetfeet	FEET	INC	HES	FEETINCHES
Salt waterfeetfeet	FEET	INC	HES	FEETINCHES
Drillers' Names	15048 P. 6 31	N W.T.S.T.D	ING CEH	HIH
Remarks:				

WIR 631-PLUGBER

#### DEPARTMENT OF MINES



# INSPECTOR'S PLUGGING REPORT

CARM GLEN HI	WEN 13	DISTRICT.	SPAINS CREEK	OUNTY		7779	
Filling Material Used	ENTONTIE +	CEMENT			- inco		
Liner Location Amount			Packer	Location			
PLUGS USED A	AND DEPTH PLACED		BRIDGES	CASING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	
7.D. 7140 7 CASTAG SHOT OFF	4260'			4760	7"	2826	
26 CEM. PLUG	4260					mater har	
7" PULLED					Jab		
2 1/8 RUN -	2365			AltaCl			
20'CEM.PLUG	2365					Dan L	
75 CEM PLUG	2088-2013			- 10 c		ns of c	
278 PULLED			- 197 - 197 - 197 - 197 - 197 - 197 - 197 - 197 - 197 - 197 - 197 - 197 - 197 - 197 - 197 - 197 - 197 - 197 -				
	Yeleye						
4.11.	7 7 17 17 18 18 1	SKI Saska Sasak	Local Mark Wilson				
willows Names C176	EARD HALVE	EU = ATTE	WELL SERVICE				
milers Names_Comment		9 0120		RTUN - PLU	CTU		
emarks:		2	- Mill Ou	1200-1200	OLAG		

I hereby certify I visited the above well on this date.

DATE

#### STATE OF WEST VIRGINIA

## DEPARTMENT OF MINES

OIL AND GAS DIVISION

### INSPECTOR'S WELL REPORT

Permit No.	TINUED)	COM	Oil or (	Gas Well
VECREEK WINT	1	USED IN DRILLING	LEFT IN WELL	
Address	Size			Kind of Packer
Farm	13	19.2 1	The state of the s	
DistrictCounty	1 - The 1 Co.		The same same same	Size of
4260 7" 2826	65%		125c	Depth set
Drilling commenced	5 3/16		777.74	BA'CEH PING
Drilling completedTotal depth	3	NAC IN A CONTRACT		Perf. top
Date shotDepth of shot	2		7.365	Perf. bottom
Initial open flow/10ths Water inInch	Liners Used		2365	Perf. top
Open flow after tubing/10ths Merc. inInch		\$10	2088-72	9774 HX2 GL
VolumeCu. Ft.	CASING CEME	ENTED	SIZE	No. FTDate
Rock pressurelbshrs.	NAME OF SE	RVICE COMP	ANY	
Oilbbls., 1st 24 hrs.	COAL WAS E	NCOUNTEREI	) AT	FEETINCHES
Fresh waterfeetfeet	FEET.	INC	HES	FEETINCHES
Salt waterfeetfeet	FEET	INC	HES	FEETINCHES
THE TENRY OF PLUCSTAG	1		eg et saveg det avan en e	1, 8 0, 8 0.
Drillers' Names		NABIT	2741.671	12224
Remarks:				
				10-1243

OG-11

#### STATE OF WEST VIRGINIA

## **DEPARTMENT OF MINES**

OIL AND GAS WELLS DIVISION



# OIL & GAS DIVISION DEPT. OF MINES

## INSPECTOR'S WELL REPORT

Permit No. <u>LV ZR-53-</u>			Oil or	Gas Well
Company ALVIN & Months	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address NEW YORK, N.Y.	Size			10 10 10 10 10 10
Farm MUELLERYROBERTS	16		-	Kind of Packer
Well No	13	33	33	1 1 2 2 2 2 2 2
District_SINIAGCAE AT County WIAT	81/4	2013	7013	Size of
, ,	65%_7	7086	LEFTOVAGO	Depth set
Drilling commenced 5-3-7	5 3/16			
Drilling completedTotal depth	-   <sub>3</sub>			Perf. top
Date shotDepth of shot				Perf. bottom
Initial open flow/10ths Water inI	nch Liners Used			Perf. top
Open flow after tubing/10ths Merc. inI	nch			Perf. bottom
VolumeCu.	Ft. CASING CEME	ENTED	SIZE	No. FTDate
Rock pressurelbsh	nrs. NAME OF SE	RVICE COMP.	ANY	1
Oilbbls., 1st 24 l	nrs. COAL WAS E	NCOUNTEREI	) AT	_FEETINCHES
Fresh waterfeetf	eetFEET	INC	HES	_FEETINCHES
Salt waterfeetf	eet FEET	INC	HES	_FEETINCHES
Drillers' Names				
Remarks:	Twit.	LYBE CA	AUE - SA	BOUER
HOLE CLEANED OUT IN 9 H PI NEADY TO FRACTURE		PEA- 1385		
(THIS WELL WAS P.PLUGGED I HAVE NO RECORD OF PHESER OR AMP. OF TULEFTIM MILE	MOLE DEPTH			
•				

PISTRICT WELL INSPECTOR 01/19/2024

Bond #618431 - Mueller and Roberts #1, 321 Acres, near Creston, Spring Creek District, Wirt County, West Virginia.

Bond Form OG-23-Rev. - 1971

# State of West Virginia



26

# BOND FOR SINGLE OIL OR GAS WELL

OIL & GAS DIVISION DEFT. OF MINES

				Rental B	I . OL HAT
KNOW ALL MEN BY THESE PRESENTS:					
That we,Alvin G. Rowe	S	as principal	and Royal	Indemnity	Company
a corporation, as surety are held and firml					_ ,
47 000 00	he payment wher			-	
representatives, successors, heirs and assigns	, jointly and seve	erally, firmly	by these presen	ts.	
THE CONDITION OF THE ABOVE (	OBLIGATIONS IS	S SUCH THA	T. WHEREAS. t	he above bound	principal (s)
in pursuance of the provisions of Chapter 2					
the Deputy Director, Oil and Gas Divison, De	epartment of Mine	es of the State	e of West Virginia	a, a permit only	as indicated.
	Drill (				
	Re-drill (	)			
	Deepen (				
	Plug (				
	Fracture-	,			
	Stimulate (2	X		111111	ungger.
an oil or gas well located at or near	Creston	in	Spring Co	reek	District,
Wirt County, West V	irginia. Please ma			1 1 1 1	e Oil and Gas
Division.  NOW, THEREFORE, if the said princi	pal (s), in drilling	re-drilling.	deepening, fractu	ring-stimulating	plugging of
partial plugging said well shall do so in full co					2000
deepening, fracturing-stimulating, plugging, pa	_		-		000
as may be required by the Oil and Gas Division					11111
Otherwise, it shall remain in full force and				tilis obligation	sitan be void.
otherwise, it shall remain in run force and	effect and subje	ct to forient	ure.		
IN WITNESS WHEREOF the said principle	cipal has hereunto	set his nam	ne and affixed his	s seal, and the sa	aid surety has
caused its corporate name to be hereunto sig	gned and its corp	orate seal to	be hereunto affi	xed by Rich	nard H.
Brumbaugh , its officer or age	ent thereunto dul	y authorized,	all of which is	done as of the	6th
day of _April, 1973					
		2. 7		14.	
COUNTERSIGNED:		AI	vin G. Row	ncipal	
hu DIII		by	Musto	The &	1.0
Licensed Resident Agent	Marie Company		perintende	nt =	1 2 1
Electised Resident Agen				5: 5 0	100
Surety Company's Power of Attorney must	be	RO	yal Indemn	rety Compa	inv
attached.		6 1			
		/ DV	///////	11/1	

(continued on reverse side)

Attorney-in-Fact

01/19/2024

	STATE OF WEST VIRGINIA	
	COUNTY OF, to wit:	
	I,	, a Notary Public in and for the county
ipal)	and state aforesaid, do certify that	, whose name is signed
eme	to the foregoing writing, bearing date the	day of, 19,
for al P	has this day acknowledged the same before me i	in the county and state aforesaid.
(Acknowledgement) for (Individual Principal)	Given under my hand this day	of
	(SEAL)	
		Notary Public
	My Commission expires	
	STATE OF WEST VIRGINIA	
	COUNTY OFRoane to wit:	
	I, Caror Board	, a Notary Public in and for the county and
	signed the writing above, or hereto annexed, for	Shuck , who as Superintendent
men Icipa	corporation, bearing date the 6th day	
dge) r Prin	has this day in my said county, before me, acknow	
for ate P	of said corporation.	
(Acknowledgement) for (Corporate Principal)		
Y S	Given under my hand this 6th day	of <u>April</u> , 19 73
300		Oral Board Notary Public
Soi Aug	(SEAL)	Notary Public
4,23	My Commission expires March 6, 1974	
10 Con		
Miller	Maria	
	STATE OF WEST VIRGINIA	
	COUNTY OF, to wit:	
	I, Carol Board	a Notary Public in and for the county
(Acknowledgement) for (Surety)	and state aforesaid, do hereby certify that Ric Attorney-in-Fact, signed the writing ab Company, a corporation, bearing date the	ove, or hereto annexed, for Royal Indemnity
dgen (ty)	19 73, has this day in my said county, before	
for (Surety)	act and deed of said corporation.	
kno	and the same of th	
(Ao	Given under my hand this 6th day o	of April , 19 73.
100	<b>第三日 釜</b>	a R
3 -13	(SEAL)	Notary Public
1,22	My Commission expires March 16, 1974	I TOTAL Y TUDIC
The Co	and commission expires	

# Power of Attorney

No. 14093

	TS: That the ROTAL INDEPRESENT COMPANY
, a corporation	ion of the State of NEW YORK
pursuant to the following By-Law, which was adopted	d by the Directors of the said Company on
September 20, 1950	to wit:
Article V, Section I, Provides "The President, and Directors shall have power and authority to appoint Residen and Attorneys in fact, and to give such appointees full power and actions are to give such appointees full power.	by Vice-President, or any other Officer designated by the Board of the Vice-Presidents, Resident Secretaries, Resident Assistant Secretaries were and authority to sign, and to seal with the Company's seal, where all underwriting undertakings, and he may at any time in his judgmen
does hereby nominate, constitute and appoint RIC	CHARD H. BRUMBAUGH
SPENCER	, in the State of WEST VIRGINIA
its true and lawful ATTORNEY(s)-IN-FACT, to make,	execute and deliver on its behalf as Surety, bonds and under
akings, the penal sum of no one of which is in any e	event, to exceed FIFTY THOUSAND
(\$_50,000) Dollars.	
Such bonds and undertakings, when duly exempon the said Company as fully and to the same expresident and Secretary of the Company and sealed with	ecuted by the aforesaid Attorney(s)-in-Fact shall be binding extent as if such bonds and undertakings were signed by the ith its corporate seal.
IN WITNESS WHEREOF, the said	ROYAL INDEMNITY COMPANY
	November 1060
on thisday ofday of	, 1
Attest:	ROYAL INDEMNITY COMPANY
ELEANOR CHRISTIANSEN	By W. L. FALK
	Vice-Presiden
STATE OF NEW YORK SS.:	
STATE OF NEW YORK COUNTY OF NEW YORK  On this 30 day of Novem	mber, 19_60, before me personally appeared
STATE OF NEW YORK COUNTY OF NEW YORK On this 30 day of Noven  W. L. FALK , Vice-President o	mber, 19, before me personally appeared for theROYAL INDEMNITY COMPANY
STATE OF NEW YORK COUNTY OF NEW YORK  On this 30 day of Novem  W. L. FALK , Vice-President of with whom I am personally acquainted, who, being	mber, 19, before me personally appeared of the ROYAL INDEMNITY COMPANY g by me duly sworn, said: that he resides in the State of
On this 30 day of Novem  W. L. FALK , Vice-President of the corporation described in and which executed the he said Company; that the seal affixed to said instruction of the Board of Directors of said Company; and Company by like authority.	mber
On this 30 day of Novem  W. L. FALK , Vice-President of which whom I am personally acquainted, who, being NEW YORK ; that he is Vice-President of the corporation described in and which executed the he said Company; that the seal affixed to said instruction of the Board of Directors of said Company; and Company by like authority.  Robert F. Kirchen	mber
On this 30 day of Novem  W. L. FALK , Vice-President of with whom I am personally acquainted, who, being NEW YORK ; that he is Vice-President of the said Company; that the seal affixed to said instruction of the Board of Directors of said Company; and Company by like authority.  Robert F. Kirchen No. 24-7277375, Cert. filed in No.	mber
On this 30 day of Novem  W. L. FALK , Vice-President of which executed the he said Company; that he seal affixed to said instruction the Board of Directors of said Company; and Company by like authority.  Robert F. Kirchen No. 24-7277375, Company in the said in the said in the said in the said company is and company by like authority.	mber
On this 30 day of Novem  W. L. FALK , Vice-President of the Board of Directors of said Company; and Company by like authority.  Robert F. Kirchen No. 24-7277375, Cert. filed in No.	mber
On this 30 day of Novem  W. L. FALK , Vice-President of with whom I am personally acquainted, who, being NEW YORK ; that he is Vice-President of the corporation described in and which executed the he said Company; that the seal affixed to said instruct of the Board of Directors of said Company; and Company by like authority.  Robert F. Kirchen No. 24-7277375, Cert. filed in No. 24-7277375, Cert. file	mber
On this 30 day of Novem  W. L. FALK , Vice-President of with whom I am personally acquainted, who, being NEW YORK ; that he is Vice-President of the corporation described in and which executed the he said Company; that the seal affixed to said instruct of the Board of Directors of said Company; and Company by like authority.  Robert F. Kircher No. 24-7277375, Cert. filed in No. 24-7277375, Cert. file	mber
On this 30 day of Novem  W. L. FALK , Vice-President of with whom I am personally acquainted, who, being NEW YORK ; that he is Vice-President of the corporation described in and which executed the he said Company; that the seal affixed to said instruct of the Board of Directors of said Company; and Company by like authority.  Robert F. Kircher No. 24-7277375, Cert. filed in No. 24-7277375, Cert. filed in No. Term Expires March County of New York  STATE OF NEW YORK COUNTY OF NEW YORK  STATE OF NEW YORK  LELEANOR CHRISTIANSEN	ROYAL INDEMNITY COMPANY  the ROYAL INDEMNITY COMPANY  the ROYAL INDEMNITY COMPANY  e foregoing instrument, that he knows the corporate seal of ument is such corporate seal; that it was so affixed by order that he signed his name thereto as Vice-President of said rt, Notary Public, State of New York, Qualified in Kings County  ew York County  ch 30, 1962  Assistant Secretary of the
On this 30 day of Novem  W. L. FALK , Vice-President of with whom I am personally acquainted, who, being NEW YORK ; that he is Vice-President of the corporation described in and which executed the he said Company; that the seal affixed to said instruct of the Board of Directors of said Company; and Company by like authority.  Robert F. Kircher No. 24-7277375, Cert. filed in No. 24-7277375, Cert. filed in No. Term Expires March County of New York  STATE OF NEW YORK Ss.:  I, ELEANOR CHRISTIANSEN  ROYAL INDEMNITY COMPANY	mber
On this 30 day of Novem  W. L. FALK , Vice-President of with whom I am personally acquainted, who, being NEW YORK ; that he is Vice-President of the corporation described in and which executed the said Company; that the seal affixed to said instruct the Board of Directors of said Company; and Company by like authority.  Robert F. Kircher No. 24-7277375, Cert. filed in New York	ROYAL INDEMNITY COMPANY  the ROYAL INDEMNITY COMPANY  the ROYAL INDEMNITY COMPANY  e foregoing instrument, that he knows the corporate seal of ument is such corporate seal; that it was so affixed by order that he signed his name thereto as Vice-President of said rt, Notary Public, State of New York, Qualified in Kings County ew York County ch 30, 1962  Assistant Secretary of the NEW YORK  full, true and correct copy of Power of Attorney issued by
On this 30 day of Novem  W. L. FALK Vice-President of the corporation described in and which executed the said Company; that the seal affixed to said instruct the Board of Directors of said Company; and Company by like authority.  Robert F. Kircher No. 24-7277375, Cert. filed in No. 24-7277375, Cert. filed in No. Term Expires March 1, ELEANOR CHRISTIANSEN  ROYAL INDEMNITY COMPANY  o hereby certify that the above and foregoing is a ROYAL INDEMNITY COMPANY  aid ROYAL INDEMNITY COMPANY	mber
On this 30 day of Novem  W. L. FALK , Vice-President of the corporation described in and which executed the said Company; that the seal affixed to said instruct of the Board of Directors of said Company; and Company by like authority.  Robert F. Kircher No. 24-7277375, Cert. filed in No. 24-7277375, Cert. filed in No. Term Expires March 1, ELEANOR CHRISTIANSEN  ROYAL INDEMNITY COMPANY  To hereby certify that the above and foregoing is a said coriginal and that it is a correct transcript therefrom a Attorney is still in full force and effect and has not been	mber
On this 30 day of Novem  W. L. FALK , Vice-President of with whom I am personally acquainted, who, being NEW YORK ; that he is Vice-President of the corporation described in and which executed the said Company; that the seal affixed to said instruct the Board of Directors of said Company; and Company by like authority.  Robert F. Kircher No. 24-7277375, Cert. filed in No. 24-7277375, Cert. filed in No. Term Expires March Country of New York  I, ELEANOR CHRISTIANSEN  ROYAL INDEMNITY COMPANY  To hereby certify that the above and foregoing is a said riginal and that it is a correct transcript therefrom a factorney is still in full force and effect and has not been attorney is still in full force and effect and has not been	ROYAL INDEMNITY COMPANY  The Royal Index of New York, County of New York, County  The Royal Index of New York, County  The Royal Index of New York, County  The Royal Index of New York  The R

CF22071-5M-

POYAL INDEMNITY COMPANY  THE SAME SET OF THE SAME SET OF THE SAME
pursuant to the following By Law, which was adopted by the function of the said Company on the company of the following by Law, which was adopted by the function of the said Company on the company of the following by Law, which was adopted by the function of the said Company on the function of the fun
Armile School I Provides "Univilvation and School School School Officer designated by the Board of Objects armine to the contract School Officer designation of School Officer School Officer designation of School Officer School Offi
change, the near time of up one of which is in an event married Tablish Tablish
AN ANTENESS ANTENESS ANTENESS, the said ROYAL INDEMNITY COMPANY has densed its expected seal to be beterden africal and these presents to on-duly executed by its proper Officers,
State of New York 1987.
On this day of November 19 50 select me personally appeared
W. L. FALK Vice Pre ident of the TARE TARREST COMPANY
with whom I am personally acquained, who, being it and daily sween, said: that he resides in the State of
NEW YORK THE TELL COMPANY TO THE TROUBLE COMPANY
The consection described in and which executed the foregoing retrumpent about he knows the converge seal of the search Company; that the seal affixed to meet instrument as seal converge so affixed by order of the Board of Directors of said Company; and that he regned his mane thereto as Vice-President of said to way any by like sufficiency.
Robert F. Mirchert Rubble, State of New York, Workery Rubble, State of New York, State of New York, State of New York, State of New York County County State of New York County
Soci 106 do an explore March 30, 1968
See Yway on Cook
ELEGANOR CHRISTIANSE Assistant Secretary of the
ROYAL PUDEMUTTY COMPANY COPPOSITION of the State of
said and that it is a correct transmign therefrom and the winds of the original and that the said Power of the 01/19/2024 is said to full terce and the number of said to full terce and the said Power of the original and that the said Power of the original and that the said Power of the original and the original and the said Power of the original and the said Power of the original and the o
The Witness Where or, There here and hand and affect the seal of said Company, at the City of
New York, this of the day of April 19 73

6,6



# State of West Wirginia

Department of Mines
Oil and Gas Division
Charleston 25305
November 10, 1976

Mr. David Freshwater P.O. Box 585 Spencer, W.Va. 25276

In Re: Alvin Rowes

delinquent records

Dear Mr. Freshwater:

Listed below are the delinquent records we need for Alvin Rowes for several years..... We would appreciate it very much if you could get these records for our department....

```
CLAY-953 - Ball # 1 - Need OG-10
 CLAY-955-PP - Mollohan # 1 - Need OG-8 (Partial Plugging) - OG-10
 CLAY-958-P - Hyer # 1 - Need OG-8
                                        and 0G-10
 CLAY-961 - Ball-Boggs Unit # 1 - Need OG-10
 WIRT-603 - McConaughey-Roberts # 3 - Need OG-10
 WIRT-619 - Smith # 3 - Need OG-10
WIRT-531-PP-FRAC - Roberts # 1 - Need Fracture results
 WIRT-632 - Hodgen Lease # 2 - Need OG-10
 WIRT-633 - Hodgen Lease # 3 - Need 0G-10
 WIRT-640 - Mueller Lease # 3 - Need OG-10
 WIRT-641 - Lester Scott # 1 - Need OG-10
 WIRT-642 - Hodgen (Monroe) # 4 - Need OG-9 (Work Order) OG-8 XMXXXXXXX
 WIRT-649 - Smith # 2 - Need OG-10
 WIRT-650-P - Righter # 1 - Need OG-8 (Affidavit of Plugging)
 WIRT-655 - Westvaco # 1-A - Need
                                   0G-10
 WIRT-656 - Westvaco # 1-B - Need
                                   0G-10
                                             (20) - Well Records
 WIRT-658 - W.T. Petty # 2 - Need 0G-10
                                             (11) - Incomplete well records
 WIRT-659 - W.T. Petty # 1 - Need 0G-10
                                             (4) - OG-8's (Affidavits)
 WIRT-662 - Tingley # 1

    Need

                                   0G-10
                                             (1) - 0G-9 (Work Order)
 WIRT-663 - Tingley # 2
                           - Need 0G-10
                           - Need
 WIRT-667 - Elliott # 1
                                   0G-10
 WIRT-669 - Bingman-Grimm # 1 - Need OG-10
```

I am enclosing copies of plats and incomplete well records, we need final production figures on for your convenience. If there is anyway we can be of help to you, please don't hesitate to call.

V ery truly yours

OG-11

#### STATE OF WEST VIRGINIA

#### **DEPARTMENT OF MINES**

OIL AND GAS WELLS DIVISION



# INSPECTOR'S WELL REPORT OIL & GAS DIVISION ES

Permit No. <u>WIR-531-P.F.FRRC</u>			Oil or	Gas Well S	5
Company AKVING, ROWES	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PAC	KERS
Address_NEW YORK, N.Y.	Size				, g a
Farm	16	p -> -		Kind of Pa	cker
Well No.	13 CATT-	33° 2013	70/37	Size of	
District_5/MINGCATT_County_WIAT-	81/4	50-P.PLUE		X	
Drilling commenced 5-7-75	65% CEM-	7086	?	Depth set_	
Drilling completed 575-75 Total depth 788'	5 3/16			Perf ton	
Date shot 6-14-73 Depth of shot 1988	2 CEM.		- ?		m
Initial open flow/10ths Water inInch	Liners Used	,		Perf. top	
Open flow after tubing/10ths Merc. inInch				Perf. botton	m
VolumeCu. Ft.	CASING CEME	NTED ALL	SIZE	No. FT	Date
Rock pressurelbshrs.	NAME OF SER	RVICE COMPA	ANY		
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT ABOLE	FEET	INCHES
Fresh waterfeetfeet	FEET_	INCI	HES	FEET	INCHES
Salt water feet feet	FEET_	INCI	HES	FEET	INCHES
Drillers' Names	3				
	G	LYAE CHA	WE-51000	ER	
Remarks:  WELL FRAC. 6-14-73-8000-	ALCORD OF SWPLUEPE				

6-15-73 DATE 74. a. 745 Clarky

District 171 91/2024

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

## INSPECTOR'S PLUGGING REPORT

Permit No				We	II No				
OMPANY			ADDRESS						
MDISTRICTCOUNTY									
lling Material Used									
ner Lo	cation	Amoun	ount Packer Location						
PLUGS USED AND DEPTH PLACED		BRIDGES	CASING AND TUBING						
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST			
		No. of the London		7					
				37.6					
	73								
illers' Names	F TO STATE OF								
emarks:									
DATE	I hereby certify I vi	sited the a	bove well on this date.						

Frac. 4/9/73CEN HALL BOBERTS) W.O. ELLIOTT-ROBERTS 5273 W-40 PETTY (ROBERTS) DOUBLE DOGWOOD 15 UNION NAT'L BK. TR. -CALLS ALONG GLEN W. ROBERTS RIVER APPALACHIAN ROYALTIES INC 53W-10 (MUELLER) 32/AC. 511W-54 3 515E-16 312AC. LYELLOW S40W-1200 BELOW LARGE ROCK WITH ELM ON IT. 530W-400 BINGMAN (CABOT) 55W-950 ROCK BELOW ROAD ROBERTS - I PELL-NEWMAN OF WEST VIRGINIA-WITH SOURCES OF KNOWLEDGE AVAILABLE & WITH MINIMUM ERROR OF LIN 200. Partial Plugging ble ger Robert Drill Deeper ...... STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION Farm GLENW. ROBERTS & ROYALTIES INC. CHARLESTON Tract\_\_32/\_ Acres\_ Lease No. WELL LOCATION Well (Farm) No. ONE Serial No. FILE NO. WIRE -531-Elevation (Spirit Level) 1035 FT. Quadrangle SPENCER + Denotes location of well on United States District SPRING CREEK Topographic Maps, scale 1 to 62,500, lat-County WIRT itude and longitude lines being represented Engineer Shy W. Lobert by border lines as shown. Engineer's Registration No. 860 - Denotes one inch spaces on border line File No. \_Drawing No. . of original tracing. Scale /IN = 40 POLES Date 10-20-66 K-E 156 IMPERIAL

