FORM IV-2 (Obverse) (12-81)



June 22. 19 82 Operator's Cameron #1

State

API Well No. 47

County

Permit

5718

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

1	OIL AND GAS	WELL PERMIT	APPLICATIO	<u>N</u>
WELL TYPE:	Oil K / Gas X /			
	(If "Gas", Production _ <	_/ Underground st	orage/	Deep/ Shallow/)
LOCATION:	Elevation: 943'	Watershed: So	outh Fork	of Hughes River
	District: Union	County: R1	tchie	Quadrangle: Pallman 7.5
	Rimrock Production			NT Robert L. Murdock
	424 B Emerson Que	/	Address 4/422	1 B Emerson Que
Pa	arkersburg, W.4b.	26104	Park	persburg, W. Vo. 26/02
OII & CAS	REISIE H. Cameron		OAL OPERATOR_	NONE
Address &	74 Donepal Drive 1	w.	Address	
五	ollansbee, w. Va.	26037		
Acteage -	126 14	CC	DAL OWNER(S) W	VITH DECLARATION ON RECORD:
	June Elliott		me NONE	
	251 Main Street		Address	RECEIVED
	Western Port MD. o			Weel Ale
	1031/4		ame	JUN 22 1982
FIELD SALE (IF M	The state of the s		Address	
The state of the s	unknown			WY DEPARTMENT OF MINES
		CC	DAL LESSEE WIT	H DECLARATION ON RECORD:
OIL & GAS INSPE	ECTOR TO BE NOTIFIED	Na	me NONE	
Name Deo	Mace		Address	
Address R	4. 1 Box 5			
	Sandridge, W. Va			
			at the above location	n under a deed/ lease
ssignmenty	deted approximately	10 On the state of	at the above locatio	n under a deed/ lease
()()			indersigned well op	perator from McCullough
IF said deed, lease	, or other contract has been recor	rded:)		2
				on of Ritchie County, West
Va., in Lease	Book 135 at page	345 . A pern	nit is requested as	follows:
PROPOSED WOR	K: Drill V Drill deeper	/ Redrill	/ Fracture o	or stimulate/
	Plug off old formation	_/ Perforate new	formation	
	Other physical change in well	(specify)	MEATADOL SAT.	and discount of a
		SHALL EXPIRE	TIMES GIFT	200 - 100 -
	-planned as shown on the wo	ork order on the re	verse side hereof.	78
The above named of	coal operator, coal owner(s), and coa	al lessee are hereby r	notified that any obje	ection they wish to make or are required to
				fter the receipt of this Application by the
Department.				
				by registered mail or delivered by hand to
			he day of the mailin	g or delivery of this Permit Application to
	Mines at Charleston, West Virginia	a.		04/40/0004
PLEASE SUBMIT CO	OPIES OF ALL		0	04/19/2024
TO:	DINECTE!		Kimrock	Haduction Corp.
WEST VIRGINIA	DIL AND GAS	MKET BOND		Well Operator

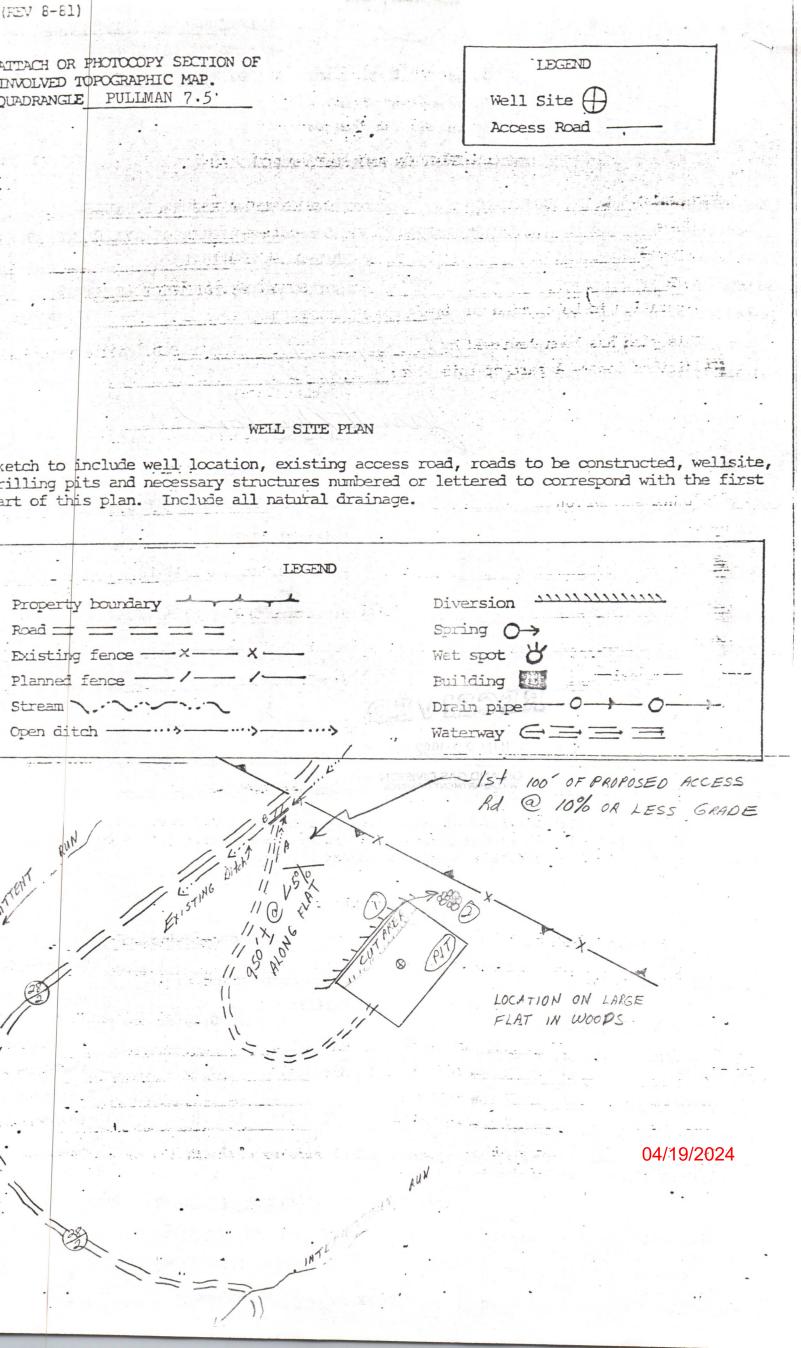
CONSERVATION COMMIS-SION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

By aleson Chane

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

GEOLOGICAL				Add	lress _			Para Alla S	
	TARGE	T FORM	ATION,	(Elk				
Estimated							et Rotary	X/ Cab	le tools/
							; salt,()		
Approxim	nate coal	seam de	pths:	no	ne	Is coal	being mined i	n the area? Yes	/ No/
ASING AND				/					
15.000				11			No. of the Contract of the Con		
						5007405	INTERVALS	CEMENT FILL-UP	PACKERS
ASING OR UBING TYPE	SPE	Grade	ONS Weight per ft	New	Used	FOOTAGE For drilling	Left in well	OR SACKS (Cubic feet)	THE NEW YORK THE N
onductor	113/4	CW	45#	X		250	250	C 75	Kinds
resh Water	85/8	lend	23#	X	La A	1200	1200	350 sks.	Baker
oal					NA3	N min		+ 11/1/1	Sizes
ntermediate	1977	99	17 (97			TANK T			
roduction	41/2	pru	10 T	V		0	5500	7505ks.	Depths set 4000'
Tubing	23/8	CID	4.7#	×		0	4000	0	Nath and
NOIS	AS DIVE	L AND G	TO .		3.3				Perforations: est. Nepth
		-						2 - 1/1/8/10	Top 3200 Bottom 54
	1	1							
	-	1		1					
"Red previous Code	clamation riously pa e \$22-4-	n Plan", aid on the 8a from t	applicabl same we the owne	e to t ll, the r of a	fee rec	quired by Code ter well or dw	\$ 22-4-12a, and elling within 20	(v) if applicable, the 0 feet of the propos	-2, (iii) Form IV-9, tion 23, (iv) unless consent required by ed well. g or stimulating is to onnection therewith.
be p	art of the	, WOLK IOI	willen a	permi	A	8			
	ERMIT M	UST BE F	OSTED	AT TI	IF W/FI	I SITE			
THIS PE						WITH CHAP	TER 22.		
THIS PE									
ALL PR		THE W. V	VA. COD	רוו, אי		ATION IS HE	REBY		
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ALL PR ARTICL APPRO	E 4 OF	Rd	rillin	g	. THIS		LL EXPIRE		
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ALL PR ARTICL APPRO	E 4 OF	Rd	rillin	g	. THIS	PERMIT SHA	LL EXPIRE		
ALL PR ARTICL APPRO IF OPER BY	E 4 OF OVED FOR	Rd	NOT CO	MME	NCED	PERMIT SHA	LL EXPIRE 3		
ALL PR ARTICL APPRO IF OPER BY	E 4 OF OVED FOR	Rd	NOT CO	MME	NCED	PERMIT SHA	LL EXPIRE 3	coal owner or coal les n fifteen (15) days o	see who has recorded a f receipt thereof.
ALL PR ARTICL APPRO IF OPER BY	E 4 OF OVED FOR	Rd	NOT CO	MME	NCED	PERMIT SHA BY 3-1-8 y the coal oper permit is to	LL EXPIRE 3	coal owner or coal les n fifteen (15) days o	see who has recorded a
ALL PR ARTICL APPRO IF OPER BY The under	RATIONS the following eclaration ersigned of the following eclaration the following eclaration for t	S HAVE	must be code 22	comple-4-20,	NCED leted b if the owner which ork pro	y the coal oper permit is to We lecovers the area posed to be d	ator and by any obe issued within	of the coal under th tion, the well location tion, provided, the w	see who has recorded a of receipt thereof. is well 104/019/2024 ined in has been added to the mine π well operator has complied with
ALL PR ARTICL APPRO IF OPER BY The under	RATIONS the following eclaration ersigned of the following eclaration the following eclaration for t	S HAVE	must be code 22	comple-4-20,	NCED leted b if the owner which ork pro	y the coal oper permit is to We lecovers the area posed to be d	ator and by any of be issued within AIVER a of the well location at this location at this location.	of the coal under th tion, the well location tion, provided, the w	is well 1044/1019/2024 ined to the mine π



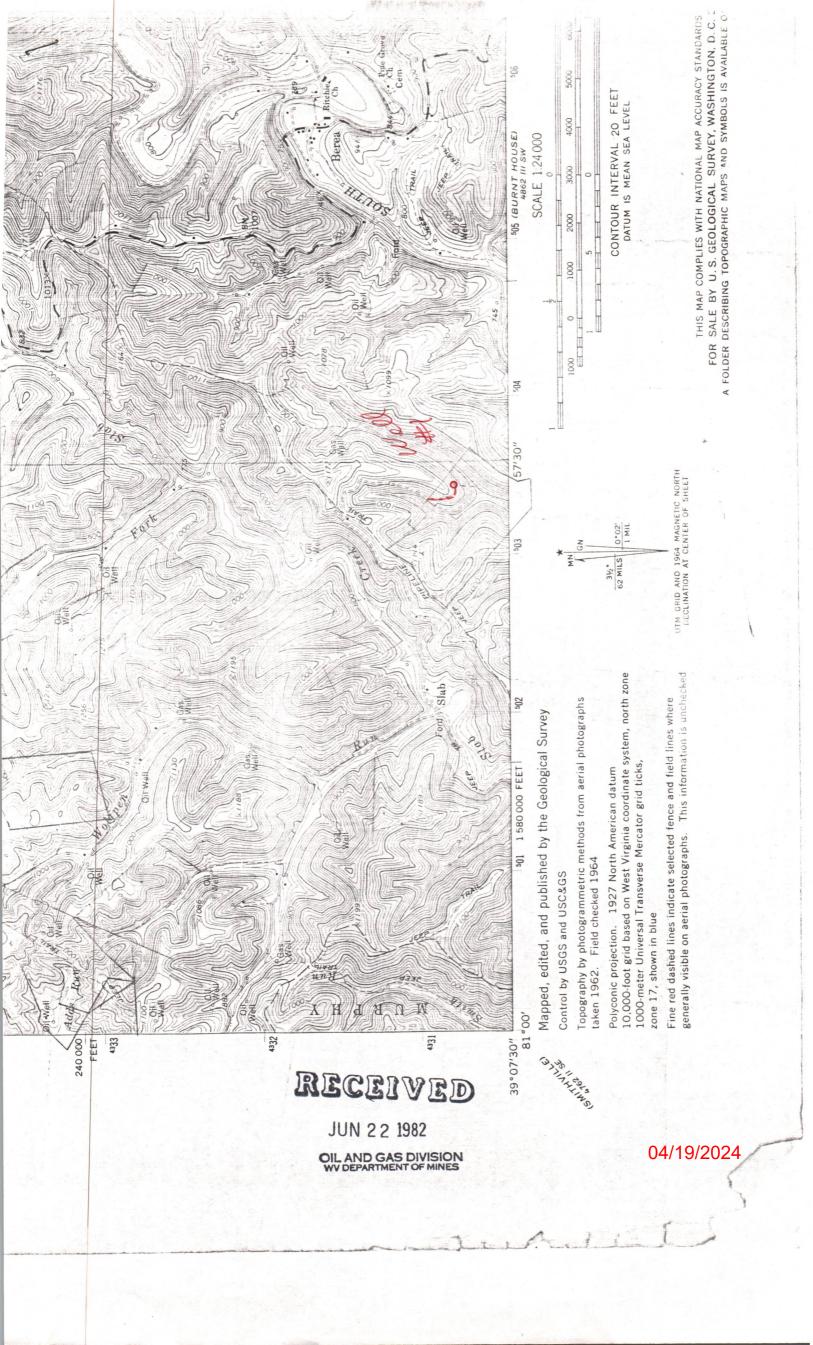
necessary for comments.

WELL NO. CAMERON # 1

State of Mest Nirginia API NO. 47 -085 Bepartment of Mines

Gas Bivision

. — CONSTRUCTIO	N AND RECLAMATION PLAN
MPANY NAME RIMROCK PRODUCTION CORP	DESIGNATED AGENT ROBERT L. MURDOCK
Address4424B EMERSON AVE. PARKERS	BURG, W.V. Address 4424B EMERSON AVE PARKERSBURG, W
Telephone 428-1520	Telephane 428-1520
ANDOWNER JUNE ELLIOTT	SOIL CONS. DISTRICT LITTLE KANAWHA.
Revegetation to be carried out by	RIMROCK PRODUCTION CORP. (Agent)
This plan has been reviewed by 4	Hle Kanawha SCD. All corrections
nd additions become a part of this pla	n: 6-21-82
	(Date)
	Jarrett Newton
ACCESS ROAD	
	liam on him or carefrings were a see State of Like 1/22).
ructure DRAINAGE DITCH	(A) Structure DIVERSION DITCH (1)
eacing n/a	Material EARTHEN
ige Ref. Manual 2-12	. Page Ref. Manual 2-12
	(B) Structure SEDIMENT BARRIER (2)
ocing ONE 16" min. 24" max.	Material LOGS & BRUSH
ce Ref. Manual 2-7	Page Ref. Manual 2-16
MECL	Figure Page Ref. Manual 2-10 (3)
ructure JUN 2	2 1982 Material
OIL AND	GAS DIVISION
ge Ref. Manual WV DEPAR	TMENT OF MINES Page Ref. Manual
. All structures should be inspected	regularly and repaired if necessary. All
commercial timber is to be cut and start and removed from the site before	tacked and all brush and small timber to be dirt work begins.
R	EVEGETATION
Treatment Area I & II	Trextrient x Area xII
Tons/acre	or correct to pH
or correct to pH 6.5	Fertilizerlbs/acre
tilizer 600 lbs/acre (10-20-20 or equivalent)	(10-20-20 or equivalent)
ch HAY 2 Tons/acre	
d* KY-31 35 lbs/acre	Seed*lbs/acre
CROWNVETCH 10 lbs/acre	lbs/acre
lbs/acre	
*Inoculate all legumes such as vetch	, trefoil and clovers with the property 19/2024m.
rulate with 3X recommended amount.	THE PROPERTY OF COMPANY LAND CHOVEVING
	PLAN PREPARED BY SMITH LAND SURVEYING
OTES: Please request landowners'	ADDRESS 111 SOUTH STREET
cooperation to protect new seedling for one growing season.	GLENVILLE W.V. 26351
Attach separate sheets as	PHONE NO. 462-5634





RECEIVED

JUN 22 1982

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

State of Mest Mirginia Bepartment of Mines Bil und Gas Birision Oharlesion 25305

TO:

ALL OPERATORS

DATE: June 10, 1982

FROM:

Theodore M. Streit, Administrative Assistant

RE:

New Permit Application Forms

On March 13, 1982, the legislature passed HB-154 which goes into effect June 11, 1982. This bill requires proof of one-eighth (1/8) royalty payment to the royalty owners before any well permit can be issued.

We are at the present time printing up new Permit Application Forms which should be available by next month. In the meantime you will be required to send in a notarized affidavit (sample copy below) with each permit application.

Cameron #

AFFIDAVIT

I, Robert L. Murdock (the above desginated owner or operator, or authorized representative thereof) hereby verifies that the owner or owners of the mineral estate upon which this proposed well is to be located will receive minimum one-eighth (1/8) royalty payments for any gas or oil extracted therefrom. Copies of the Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above-named coal operator, co-owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

(Owner, Operator, or Authorized Representative)

Notary: Candace O. Wine (Signed)

My commission expires October 19, 1991

085-5718



JUN 22 1982

OIL AND GAS DIVISION



FORM IV-35 (PEVERSE)

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

Stage #1 4120-4910 24 holes 800,000 SCF N₂

Stage #2 3260-4040 22 holes 800,000 SCF N₂

Stage #3 2400-3200 22 holes 800,000 SCF N₂

WELL LOG

			I	REMARKS
	· · · ·		DOWN FEEL	Including indication of all fresh
MOLITAMACO	COLOR HARD OR SOFT .	TOP FEET	Billaria	and salt water, coal, oil and gas
0-:1		0	15	
Soil	C11-	15	50	78/6
Sand and		50	1-00	10000 100000 100000 100000 100000 100000 100000 100000
Sand and		100	200	
Sandy Si		200	300	
	e and Siltstone	300	400	Control of the contro
Sandy Si			500	
Sandy Si	ltstone	400	- 600	
	ltstone and Shale	500	700	
	ltstone and Lime	600	800	
	ltstone and Sandstone	700		10
' Sandy Si	ltstone	800	900	
Sandy Si		900	1000	35.
Sandston	e and Siltstone	1000	1100	# # P
Sandston	e and Shale	1100	1200	
	ne and Shale	1200	1300	
Sandston	ne and Shale	1300	-1400	
	ne and Shale	1400	1500	AND THE PARTY OF THE PROPERTY OF THE PARTY O
	nd Sandstone	1500	1600	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	ne and Shale	1600	1700	
	ne, Lime and Shale	1700	1800	
	ne and Shale	1800	1848	
Big Inju		1848	1984	Oil & Gas show
Siltston		1984	2100	
	iltstone	2100	2200	
Wier '		2200	2286	
	iltstone	2286	2400	Beres at 2343-2346
	ne & Silt	2400	2500	
	iltstone	2500	2600	A Committee of the Comm
	iltstone	2600	2700	
Sandy S.	iltstone	2700	2721	
Fifth Sa		2721	2727	
	an Shale	2727	4885	Gas Show about 4200
*Devonia	an Shale		The second	
	ittent Siltstones & Shal	4885	4928	
Alexande			.,,,,,	
	sit out in the cuts	1 5w 2		
ter it	Transaction of the Contraction		ALC: NO.	ne poved rollenger at the

*Most Devonian Shale names not differentiated

(Attach separate sheets as necessary)

By: Alison (Mane)
Date: August 17, 1982

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed declogical record of all formations, including

OMPANY Rimrock Production Corporation

ESIGNATED AGENT Robert L. Murdock

INERAL RIGHTS OWNER Elsie Cameron
DDRESS 874 Donegal Dr., W. Follansbee

RILLING COMMENCED July 26, 1982

RILLING COMPLETED August 1, 1982

F APPLICABLE: PLUGGING OF DRY HOLE ON ONTINUOUS PROGRESSION FROM DRILLING OR

URFACE OWNER June Elliott

ersman

ERMIT ISSUED

DDRESS 4424 "B" Emerson Avenue, Parkersburg, WV

DDRESS 4424 "B" Emerson Avenue, Parkersburg, 26104

DDRESS 251 Main Street, Westernport, MD 21562

IL AND GAS INSPECTOR FOR THIS WORK Sam

ADDRESS Smithville, WV

Caşing	Used in	Left.	Cement fill up
Tubing	Drilling	in Well	Cu. ft.
Size . 20-16 Cond.			
11 3/4 13-:10"	45'	45'	
9 5/8			10010
8 5/8	1047	1047	350 sks
7			and the same of
5 1/2			
4 1/2	4975	4975	700 sks
3			V 100
2 3/8			
Liners used			

EWORKING. VERBAL PERMISSION OBTAINED

Depth 2460-4975 feet

Depth of completed well 4975 feet Rotary x / Cable Tools

Water strata depth: Fresh 173 feet; Salt 433 feet

Coal seam depths: Is coal being mined in the area?No

PEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 2400-4910 feet

Cas: Initial open flow 1413 Mcf/d Oil: Initial open flow 2400-4910 feet

Oil: Initial open flow 0 Gas: Initial open flow 413 Mcf/d Bbl/d Final open flow 217 Mcf/d Bbl/d Final open flow 2 Time of open flow between initial and final tests 12 hours Static rock pressure 800 psig(surface measurement) after 24 104/15/2024 in (If applicable due to multiple completion--) Second producing formation feet Pay zone depth Gas: Initial open flow Mcf/d Oil: Initial open flow Bb1/d Mcf/d Final open flow Oil: Final open flow Bbl/d Time of open flow between initial and final tests hours Static rock pressure psig(surface measurement) after hours shut in

RIT. - 5718

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

RECEIVED

AUG - 3 1982

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85 -5718 Oil or Gas Well. (KIND) Company Kimrock Production Cor CASING AND USED IN WELL PACKERS Address Size June Ellit Kind of Packer____ 13 Size of Drilling commenced 7-26-82 Depth set 5 3/16_ Drilling completed_____Total depth_ Perf. top____ Date shot_ Depth of shot Perf. bottom_ Initial open flow____ _/10ths Water in_ Liners Used _Inch Perf. top_ Open flow after tubing_____/10ths Merc. in_ Perf. bottom_ Volume Cu. Ft. CASING CEMENTED_ SIZE _No. FT.____Date Rock pressure_ NAME OF SERVICE COMPANY hrs. Oil _bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT_____ __FEET_ INCHES Fresh water_ feet feet FEET INCHES FEET INCHES Salt water. feet feet FEET INCHES FEET INCHES Drillers' Names Contraler FWA Ran 1047' of 8 5 casing used 300 socks comen, Comented by Halliburton

7-28-82

Samuel 21. \$419/2024

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No				We	II No		
COMPANY			ADDRESS				
FARM	COUNTY						
Filling Material Used						1 - 2 -	
Liner Loc	eation	Amount	Packer	Location			
PLUGS USED A	ND DEPTH PLACED	2	BRIDGES	CASING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	
			of the second	20.	100		
			Clarify and so was was You	A 071 - 2-2-2		\$	
				er Climan	ge tids tr	ha to the	
		1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1					
	4 - 7 - 7						
				388 0			
Drillers' Names	1		Y	 			
Remarks:							
	I hereby certify I	visited the abo	ove well on this date.				
DATE	•						
				DIE .	04/19/	2024	

85.5718

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

OLEGAS DIVISION DEPT. OF MINES.

remit No.				r Gas Well	
Company Rimsoch Prod. Corp.	CASING AND TUBING	USED IN DRILLING	LEFT IN	PA	CKERS
Address	Size				
Farm Clsie Cameron	16			_ Kind of Pa	acker
Well No	13				
District Union County Ritchie	81/4			Size of	
Drilling commenced	6%			Depth set_	
Drilling completedTotal depth	5 3/16		-	-	
Date shotDepth of shot	3				
Initial open flow/10ths Water inInch	Liners Used		,		m
Open flow after tubing/10ths Merc. inInch				Perf. botto:	m
/olumeCu. Ft.	CASING CEMEN	TED_	SIZE	No ET	D-4
cock pressurelbshrs.	NAME OF SERV			No. F1	Date
bbls., 1st 24 hrs.	COAL WAS ENC	COUNTERED A	AT	FEET	INCHES
resh waterfeetfeet					
alt water feet feet	FEET_	INCHE	S	FEET	INCHES
rillers' Names					
marks: Linal Muspecte	***	111	- 0/	2	
		OKZ	rel	ease	

4-19-83

Samuel 71. 264/19/2024

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

-			ADDRESS			- and or
'ARM		DISTRICT_	с	OUNTY		
illing Material Used	•					
iner Lo	ner Location		Packer	Location CASING AND TUBING		
PLUGS USED AND DEPTH PLACED			BRIDGES			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST
					1	
						,
					midst to the	
					ale manage	
			•			
· · · · · · · · · · · · · · · · · · ·						
rillers' Names						
Remarks:						
	I hereby certify I	visited the abo	ve well on this date.			
DATE						



State of West Virginia

Department of Mines Oil and Gas Division Charleston 25305

WALTER N. MILLER DIRECTOR

THEODORE M. STREIT ADMINISTRATOR

May 9, 1983

Rimrock Production Corporation 4424 Emerson Avenue Parkersburg, W. Va. 26101

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

PERMIT NUMBER	FARM AND WELL NUMBER	DISTRICT
RIT-5455-FRAC.	E. C. Curry, #1	Union
RIT-5469	Olin D. Baker/Lettie M. Baker #1	Clay
RIT-5516-REFRAC.	Walter A. Crane Heirs, #1	Union
RIT-5590	Freda & Leonard Byrd, #1	Union
RIT-5611	Martin Corbin, et al, #1	Grant
RIT-5680	Walter A. Crane Heirs, "A" #1	Union
RIT-5685	Grace Cox, et al, #1	Union
RIT-5698	Carl Dotson, #1	Grant
RIT-5709	Merrill G. Hedrick, #1	Grant
RIT-5711	Merrill G. Hedrick, #2	Grant
RIT-5718	Elsie Cameron, Agent, #1	Union
RIT-5720	Cecil C. Gardner, #1	Grant
RIT-5752	Emmett Moyers, #1	Grant
RIT-5844	Arrahwanna Pifer, #1	Grant
RIT-5845	Floyd Pifer, et al, #1	Grant

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.....

Very truly yours,

Theodore M. Streit, Administrator Office of Oil & Gas-Dept. Mines

