Signed by .





DEPARTMENT OF MINES

Oil and Gas Division OIL & GAS DIVISION DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

Charleston, W. Va.	DATE April 24, 1981
Surface Owner Allena V. Engel	Company Trio Petroleum Corp.
Address 119 Park St., Gassaway, WV 26	Address Rt. 76, Box 35-E, Glenville, WV
Mineral Owner Joel H. Bender, etal	Farm Bender Acres 195
Address Chapel Rt., Gassaway, WV 26624	Location (waters) Straight Run
Coal Owner Allena V. Engel, etal	Well No. One (1) Elevation 985'
	Otter County Braxton
Coal Operator Allena V. Engel, etal	Quadrangle Gassaway 7.5'
	624
PERMIT MUST BE POSTED AT THE WELL SITE	
rovisions being in accordance with Chapter 22,	
e W. Va. Code, the location is hereby approved	TO BE NOTIFIED Robert Bates
drilling	TO BE NOTIFIED NOON OF
ations have not commenced by 12-28-81	ADDRESS 109 Minnich St., Weston, WV 26452
Fred Dundelle	PHONE 269-3820
Deputy Director - Oil & Gas Division	PRONE 200 0020
GENTLEMEN:	
The undersigned well operator is entitled to drill	upon the above named farm or tract of land for oil and gas, having f
	or lease dated May 1, 1978 by Joel H.
Bender, etal made to Trio Petrol	eum Corp. and recorded on the 8th day of May
19 78 in Braxton County, Book	
NEW WELL DRILL DEEP	
OIL AND GAS WELL ORIGINALLY	
OIL AND GAS WELL ORIGINALLY	DRILLED BEFORE JUNE 5, 1969.
The enclosed plat was prepared by a registered enhance been notified as of the above date. The above named coal owners and/or operator are	DRILLED BEFORE JUNE 5, 1969. engineer or licensed land surveyor and all coal owners and/or operator
OIL AND GAS WELL ORIGINALLY The enclosed plat was prepared by a registered enclosed plat was prepared by a registered enclosed plat was of the above date. The above named coal owners and/or operator are to make by Section 3 of the Code, must be received. Copies of this notice and the enclosed plat were make the section of the code of the	engineer or licensed land surveyor and all coal owners and/or operators the hereby notified that any objection they wish to make, or are required by, or filed with the Department of Mines within ten (10) days. * mailed by registered mail, or delivered to the above named coal operators.
OIL AND GAS WELL ORIGINALLY The enclosed plat was prepared by a registered enclosed been notified as of the above date. The above named coal owners and/or operator are to make by Section 3 of the Code, must be received. Copies of this notice and the enclosed plat were nor coal owners at their above shown respective additional contents.	engineer or licensed land surveyor and all coal owners and/or operator to the hereby notified that any objection they wish to make, or are required by, or filed with the Department of Mines within ten (10) days. * mailed by registered mail, or delivered to the above named coal operator ress
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The enclosed plat was prepared by a registered en have been notified as of the above date. The above named coal owners and/or operator are to make by Section 3 of the Code, must be received. Copies of this notice and the enclosed plat were nor coal owners at their above shown respective additionable same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND	engineer or licensed land surveyor and all coal owners and/or operator to be hereby notified that any objection they wish to make, or are required by, or filed with the Department of Mines within ten (10) days. * mailed by registered mail, or delivered to the above named coal operator ress day
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The enclosed plat was prepared by a registered enhance been notified as of the above date. The above named coal owners and/or operator are to make by Section 3 of the Code, must be received. Copies of this notice and the enclosed plat were nor coal owners at their above shown respective additionable same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505	engineer or licensed land surveyor and all coal owners and/or operators of the hereby notified that any objection they wish to make, or are required by, or filed with the Department of Mines within ten (10) days. * mailed by registered mail, or delivered to the above named coal operator ress day before, or on the other Department of Mines at Charleston, West Virginia. Very truly yours, (Sign Name) Well Operator Rt. 76, Box 35-E Address of Street Glenville City or Town West Virginia
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The enclosed plat was prepared by a registered en have been notified as of the above date. The above named coal owners and/or operator are to make by Section 3 of the Code, must be received. Copies of this notice and the enclosed plat were nor coal owners at their above shown respective adds same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331 *SECTION 3 If no objections are filed or found notice and plat by the department of mines, to said proposed the filing of such plat, that no objections have been made by and the well operator authorized to proceed.	e hereby notified that any objection they wish to make, or are required by, or filed with the Department of Mines within ten (10) days. * mailed by registered mail, or delivered to the above named coal operator day before, or on the othe Department of Mines at Charleston, West Virginia. Very truly yours, (Sign Name) Rt. 76, Box 35-E Address of Well Operator Glenville City or Town West Virginia State d by the Department of mines, within said period of ten days from the receipt of the coal operators or found thereto by the department and that the same is approximate to the same is approximate to the same is approximate.
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THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO	X DRILL	DEEPEN	FRACTURE STIMULATE
DRILLING CONTRACTOR: (If I	0	RESPONSIBLE AGEN	
NAME Union Drilling,	Inc.	NAME E. A	. Broome
ADDRESS Buckhannon, WV			ville, WV 26351
TELEPHONE (304) 472-46	10	TELEPHONE (304) 462-7311
ESTIMATED DEPTH OF COMPLI	ETED WELL: 2200'	ROTARY X	CABLE TOOLS
PROPOSED GEOLOGICAL FORM	IATION: Injun Sand		
TYPE OF WELL: OIL_	GAS X CO	OMBSTORAC	E DISPOSAL
TENTATIVE CASING PROGRAM		IG WATER FI	LOOD OTHER
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT LILL UP OR SACKS - CUBIC ET.
20 - 16			
13 - 10			
9 - 5/8	400'	400'	150 Sks.
8 - 5/8	400	3/12 / PW 3/17	T CHIECO IN THE PROPERTY
7 5 ½			STATE OF THE STATE
4 1/2		2100'	100 Sks.
3			Perf. Top
X 1½"		2000'	Perf. Bottom
1 iners	and the second s	10-00-00-00	Perf. Top Perf. Bottom
	The state of the s		ren. Bottom
APPROXIMATE FRESH WATER APPROXIMATE COAL DEPTHS IS COAL BEING MINED IN THE	No coal in area	·	
IS COAL BEING MINED IN THE	E AREA:	DI WIKIM.	
OF PLAT. TO DRILL DEEPER OR REDRIL SUBMIT FIVE (5) COPIES (L: OF OG - 1, SHOW!NG ORIGI	NAL PERMIT NUMBER	BOND AND PERMANENT COPY AND PERFORMANCE BOND. ON
MUST ALSO BE SUBMITTE		DPY OF THE PLAT AND	D THE ORIGINAL WELL RECORD
TO FRACTURE - STIMULATE:			
	RIGINALLY DRILLED BEFO AND ORIGINAL WELL REC		5) COPIES OG - 1, PERFORMANCE
	RIGINALLY DRILLED ON A MBER, AND PERFORMANCE		1929, FIVE COPIES OG - 1, SHOW-
Required forms must be file four (24) hours in advance.	d within ninety (90) days of o	completion for bond relea	se. Inspector to be notified twenty-
		1	THE PARTY OF THE P
The following waiver must thereof.	be completed by the coal ope	erator if the permit is to	be issued within ten days of receip
	ant for	Coal Company Ou	oner or Operator of the coal under
this lease have examin	ned and place on our mine m	naps this proposed well lo	12/08/2023
			d well being drilled at this location nd 7, Chapter 22 of the West Virginia
Code.		9008	BLANKET
			For Coal Company
		The state of the s	Orficial Title



IV-9 (Rev 8-81)

State of Mest Airginia Bepartment of Mines

DATE	8-1	6-84	
WELL NO.	B	ender	#1
API NO	47	- 00	7 -1661

For Plugging Permit

CONSTRUCTION AND RECLAMATION PLA

Bil und Gus Bivision

COMPANY MAMEOS ENERGY PEtroleum Corp.	DESIGNATED AGENT E.A. Broome
Address Rt, 76 Bx 35E Glenville, WV	Address Same,
Telephone 304- 462-7311	Telephone Same
LANDOWNER Allena U. Engel	SOIL CONS. DISTRICT FIK
Revegetation to be carried out by Bob	Radabaugh- Environmental Technician (Agent)
This plan has been reviewed by	ELK SCD. All corrections
and additions become a part of this plan:	9-14- 84
	(SCD Agent)
ACTUAL POLICE CONTRACTOR OF THE PROPERTY OF TH	
ACCESS ROAD	LOCATION
Structure Waterbar (A)	Structure Pi+ (1
Spacing . Below Entrance	Material imperious material
Page Ret. Manual 2:4	Page Ref. Manual NA
Structure (B)	Structure SEDiment Barrier 1
Spacing	Material Straw bales
Page Ref. Manual	Page Ref. Manual 2:16
Structure (C)	Structure(
Spacing	Material
Page Ref. Manual	Page Ref. Manual
All structures should be inspected regionmercial timber is to be cut and stacks	ed and all brush and small timber to be
cut and removed from the site before dir	ETATION
cut and removed from the site before dire	ETATION
cut and removed from the site before dir	Treatment Area II Lime AS PER Soil TEST Tons/acre
Treatment Area I Lime AS DEC Soil TEST Tons/acre or correct to pH 6.5 Fertilizer 600 lbs/acre	Treatment Area II Lime AS PER Soil TEST Tons/acre or correct to pH 6.5 Fertilizer 600 lbs/acre
Treatment Area I Lime AS DEC Soil TEST Tons/acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent)	Treatment Area II Lime AS PER Soil TEST Tons/acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent)
Treatment Area I Lime AS DEC Soil TEST Tons/acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Straw (2) Tons/acre	Treatment Area II Lime AS PER Soil TEST Tons/acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Straw (2) Tons/acre
Treatment Area I Lime AS DEC Soil TEST Tons/acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Straw (2) Tons/acre Seed* Orchardgrass of Ny. 31 Fescue 20#	Treatment Area II Lime AS per Soil Test Tons/acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Straw (2) Tons/acre Seed* Orchardgrass or Ky 31 Fescue 20*
Treatment Area I Lime AS DEC Soil TEST Tons/acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Straw (2) Tons/acre	Treatment Area II Lime AS PER Soil TEST Tons/acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Straw (2) Tons/acre

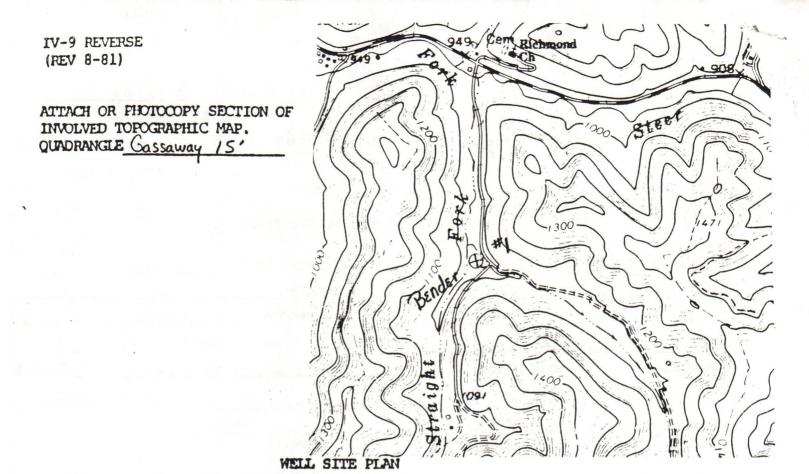
NOTES: Please request landowners' cooperation to protect new

seedling for one growing season.
Attach separate sheets as

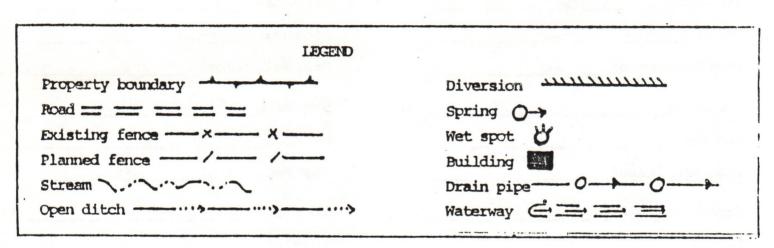
ADDRESS Trio Environmental Technician

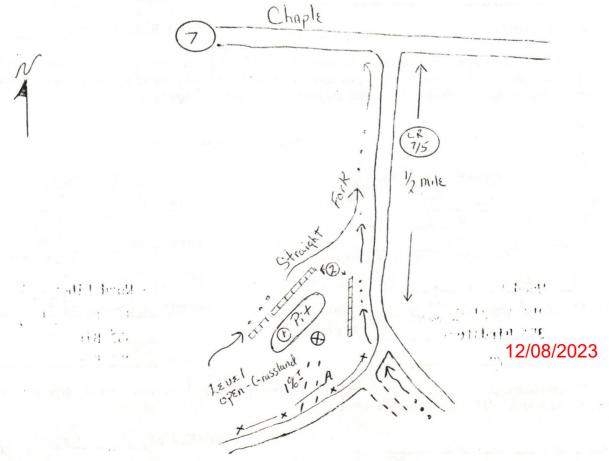
Glenville, WV

304-462-8911



Sketch to include well location, existing access road, roads to be constructed, wellsing drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.





32

COMMENTS

LEASE: Bender #1 47-007-1661

EXISTING LAND USE: Grassland

- Existing well to be plugged

ACCESS: Existing, 1% = grade, Approximately 200 feet, givess cover To be disturbed as little as possible, waterbar To be installed below entrance To divert surface water.



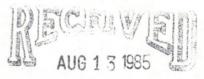
LOCATION:

Existing, grass cover, to re-disturb as little as possible, To construct small pit for use during plugging operation. Sediment barriers to be installed as needed to contain any Sediment due to Soil disturbance.

RECLAMATION:

To be done immediatly after plugging operation.

All disturbed area to be re-dressed, Contoured, and
revegetated.



DIVISION OF OIL & GAS DEPARTMENT OF ENERGY



IV-35 (Rev 8-81)

State of Mest Wirginia

Department of Mines Wil und Gas Division

Date	June	26,]	985	
Opera				
Well 1	No.	1		
Farm		Bende	er	
API N	o. 47 -	007		1661-1

WELL OPERATOR'S REPORT

			Or			
DRILLING,	FRACTURING	AND/OR	STIMULATING,	OR	PHYSICAL	CHANGE

WELL TYPE: Oil / Gas XX / Liquid Injection (If "Gas," Production XX / Undergrou	/ Wast	e Disposal	/ / Sha	llow xx/)
LOCATION: Elevation: 985' Watershed	Straight	Run Ouadrangle	- Gassawa	ı V
District: Otter County Braxt	.011	Quadrangie	_ dassawe	
COMPANY Trio Petroleum Corp.				
ADDRESS Rt. 76, Box 35-E, Glenville, WV 26351	Casing	Used in	Left	Cement fill up
DESIGNATED AGENT E.A. Broome	Tubing	Drilling	in Well	Cu. ft.
ADDRESS Rt. 76, Box 35-E, Glenville, WV 26351	Size			
SURFACE OWNER Allena V. Engle	20-16			
ADDRESS Gassaway, WV 26624	Cond.			
MINERAL RIGHTS OWNER Joel H. Bender	9 5/8			
ADDRESS Gassaway, WV 26624		436	436	110 Sx.
OIL AND GAS INSPECTOR FOR THIS WORK Craig	8 5/8	430	100	
Duckworth ADDRESS Gassaway, WV 26624	5 1/2			
PERMIT ISSUED 4/28/81			2017	100 Sx.
DRILLING COMMENCED 4/29/81	4 1/2			
DRILLING COMPLETED 5/01/81	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners			
GEOLOGICAL TARGET FORMATION Injun		Dep	th 220	0 feet
Depth of completed well 2025 feet				
Water strata depth: Fresh 50 feet;				1 8
Coal seam depths: NR			ed in the	e area? No
	•			
OPEN FLOW DATA	Des	don	+b 1078 -	1007 feet
				0 Rb1/d
Gas: Initial open flow 39 Mcf/d	OII: III	al open f	law	0 Bb1/d
Final open flow 60 Mcf/d				
Time of open flow between init				
Static rock pressure 380 psig(surface			12	/08/2023
(If applicable due to multiple completion	[)	u zona der	th	feet
Second producing formation Mar/d	Oil. In	itial oper	flow	Bb1/d
Gas: Initial open flow Mcf/d	Oil. Ei	nal open f	-1 cw	Bb1/d
Final open flow Mcf/d				
Time of open flow between init				
Static rock pressurepsig(surface	neasuren			
		(Conti	nue on r	everse side

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 5/09/81 Halliburton: 1980.5 - 1983: 30,000# 20/40, 500 GA, 384 BGW

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Red Rock & Shale Sand, Shale & Red Rock Sand Sand Sand, Shale & Red Rock Sand Shale & Red Rock Lime Pencil Cave B. Lime Injun Shale RTD	0 20 380 440 790 850 1310 1390 1742 1750 1783 1864 1990 2025	20 380 440 790 850 1310 1390 1742 1750 1783 1864 1990 2025	

(Attach separate sheets as necessary)

Trio Petroleum Corp.

Well Operator

By:

E.A. Broome, President

Date: June 26, 1985

Note: Regulation 2.02(i) provides as follows:

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

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. Brax-166	61			Oil or	Gas Well	
Company Trio Re	droleum	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACK	ERS
/ 0 .	ville, W.	Size				
Farm (Bender)	Englel	16			Kind of Pack	cer
Well No. One		10			Size of	
District Offer	County_13raxton	8 1/4			<u>.</u>	
Drilling commenced 4-	- 29-81	65%		-	Depth set	
Drilling completed	Total depth	5 3/16			Perf. top	
Date shot	Depth of shot	2		1	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 CEMEN	NTED	SIZE	No. FT	Date
Rock pressure	lbshrs.	NAME OF SER	VICE COMPA	NY		
Oil	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	_INCHES
Fresh water	feetfeet	FEET_	INCH	ES	FEET	_INCHES
Salt water	feet feet	FEET_	INCH	ES	FEET	_INCHES
Drillers' Names	Johnston Hu	U, Rea	e d			
	Union Drilli				GEIV)	Service Servic
Remarks: Depth	467' Run 436'-	85" casin	9	MA	AY - 4 1981	
	Halliburton cementes plug down	(WILL 110	Shows		& gas division	

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

ermit No	killen brukriksse en silbrukriksse men juken kump aparlam julge bladen valer kir kroud	den den gesten de la destado en entre en la proposación y que en la compansación de la compansación de la comp			II No.	
OMPANY		The party of the p	ADDRESS			-
ARM		DISTRICT		OUNTY		
illing Material Used			TO SEE BUT THE PRODUCTION OF THE PRODUCTION OF THE PROPERTY OF			
iner Los	eation	Amount	Packer			
PLUCE HEED	ND DEPTH PLACED			Location		
CEMENT-THICKNESS			BAIDGES		G AND TU	BING
CEMENT I MICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST
		1				
	and the state of t					
						A THE REAL PROPERTY AND ADDRESS OF THE PARTY A
11 1 37					A	
llers' Names						
marks:				and the second s		THE RESERVE OF THE PERSON OF T

I hereby certify I visited the above well on this data

DATE

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

RECEIVED

INSPECTOR'S WELL REPORT

FEB 3 - 1983

Permit No. BYAX	<u>- 1</u> 66 (Oil of KIND	LAND GAS T	DIVISION OF MINES
Company Tric	Petroleum		CASING AND TUBING	USED IN DRILLING	Left in Well	PACK	ERS
Address			Size				
FarmE		ny falladagai ang sasananan alika alika alika sa dana				. Kind of Pac	ker
	ne		13			Size of	
District Ofter	County Bre	xton	81/4				
Drilling commenced			G 5/4			Depth set_	
	Total depth		5 3/16				
			3				
Date shot	Depth of shot		2				
Initial open flow	/10ths Water in	Inch	Liners Used				
Open flow after tubing	/10ths Merc. in_	Inch			1	_ Peri. bottor	11
Voltne		Cu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressure	lbs	hrs.	NAME OF SE	RVICE COMP.	ANY		
Oil	bbls., 1	st 21 hrs.	COAL WAS E	NCOUNTEREI	O AT	_FEET	INCHES
Fresh water	feet	feet	FEET	INC	HES	FEET	INCHES
Salt water	feet	feet	FEET	INC	HES	FEET	INCHES
Drillers' Names				, j	· · · · · · · · · · · · · · · · · · ·		
Remarks:	Completed	Reclai	mel	Not ide	ntified		
	Do not	relea	use at to	his time	2		
					Com		

1983

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No.				A4 611	No.					
COMPANYADDRESS										
		DISTRICTCOUNTY								
		DISTRICT		00.711						
Filling Material Used	N.3. NONEMAGENIAE SERVICES AND ARRESTS NOT COME BETTER A METER A METER SERVICE AND ARRESTS		and developing to transpositions transposition data or recording transposition of the property of the contract							
er de entre entre entre entre de entre de entre	cation	Amount	Packer	Location						
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					Printer and the second	Constitution of the last				
CONTROL COMMON AS ADMINISTRATION OF THE STATE OF THE STAT										
Drillers' Names										
Remarks:			and the second s							
DATE	hereby certify I	visited the gro	e well on this date.							
POIR										

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT OIL & GAS DIVISION

DEPT. OF MINES

Oil or Gas Well

Permit No. 007-1661

Company TRID PET	ROLEUM	CASING AND TUBING	DRILLING	WELL	PA	CKERS
Address GLENVIL	LE, W.V.	Size				
	ENDER (MINERAL OWNER	16			Kind of P	acker
Well No BENDER =		13			G: -	
District OTTER	County BRAXTON	81/4	22 De 10	Kara guz	Size of	
Drilling commenced		6%	8810	eo.	Depth set	
Drilling completed	Total depth	5 3/16			Perf ton	
Date shot	Depth of shot	2				om
Initial open flow	/10ths Water inInch	Liners Used		-		
Open flow after tubing	/10ths Merc. inInch				Perf. bott	om
Volume	Cu. Ft.	CASING CEMEN	TED	_SIZE	No. FT.	Date
Rock pressure	lbshrs.	NAME OF SER	VICE COMPA	YY	1	
Oil	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHES
Fresh water	feetfeet	FEET_	INCH	ES	_FEET	INCHES
Salt water	feetfeet	FEET_	INCH	ES	FEET	INCHES
Drillers' Names						

TRIO IS GOING TO PLUG WELL WHEN WEB. THER DRIES UP & WHEN THEY GET PLUGGING PERMIT. CO. HAS NOT APPLIED FOR IT WELL IS NOT PRODUCING

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		ADDRESS			
OMPANY			ADUKESS			
ARM		DISTRICT_		OUNTY		
lling Material Used					£ 34.	
ner Loc	ation	Amount	Packer	Location	27	
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	S AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST
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an indicate or allocate or at the						
illers' Names						
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emarks:				***************************************	,	

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

BATE

Obverse 8-83





1)	Date:	9/20	0.3.10	193	_, 19.	84
2)	Operator's Well No.	Bende	r #	1		
3)	API Well No.	47		007		1661 P
		State		County	P	ermit

STATE OF WEST VIRGINIA

DIVISION OF OIL & GAS

DEPARTMENT OF APPERATION FOR A PERMIT TO PLUG AND ABANDON A WELL

4) WELL TY	PE: A Oil	/ GasX		Liquid injec	tion	/ Waste	disposal	
	B (If "Gas", I					/ De	ep	Shallow_XX/)
5) LOCATIO		985' Otter	-3		Straig Braxton			6 2
6) WELLOD	District:	Petroleum Cor	'n.	County: _		TED AGENT	uadrangle: E.A. E	
6) WELL OP		Box 35-E	P•	- "	Addre	DI	76, Box	
		le, WV 26351	50	0050				WV 26351
8) OIL & GA	S INSPECTOR TO			9)	PLUGGIN	G CONTRAC		
Name	Craig Duckw Box 107, Da			-	Name	I.L. Mor 1297 N.		
	Gassaway, W			_	Address	Glenvill		26351
all to					12		,	
10) WORK OI	RDER: The work of	order for the manner of	plugging th	is well is as fo	ollows:			
	Cement	1980 - 1880						
	Ge1	1880 - 1500					D	Carrier (and)
	Cut 4½ @ 15	00					四日	Tong my
	Cement	1500 - 1400					DI &	S C
								P (52)
	Ge1	1400 - 536	V TWO	FICE USE			GAS DIVISION	oo trui
	Cement	536 - 436		yna bna soga		so the outple of t	7 2	1984
	Ge1	436 - 50					MINE	2
	Cement	50 - 0					mž	
The state of the		oflow-up inspection(s)				100	in	Applica
		N 100	OFFIC	CE USE O	NLY			- 1 Schefron eniognet
			PLUG	GING PER	RMIT			
		H Salah A						
Permit number	47-007-166	1-P					Septe	mber 17 19 85
							Date	
quirements subj	vering the well opera ject to the conditions ermitted work has co	s contained herein and o	own below in the revers	is evidence of e hereof. Not	permission g	ranted to plug t be given to th	in accordance District Oil	e with the pertinent legal re- and Gas Inspector 24 hours
	The permitted wor reverse hereof.	k is as described in the N	lotice and Ap	pplication, pla	t, subject to a	any modificatio	ns and condit	ions on the
Permit expires_	September 1	7, 1987		unless plugg	ging is comme	nced prior to th	at date and p	rosecuted with due diligence.
)				7				
Bond:	Agent:	Plat: Casing	Fee	and the				
159	mu	mall man	NF	10		7,	1	111
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NOTE, V-	ana samu c C dhi	mit masted at the all all	1	1	1	Administrator,	Office of Oil	and Gas
NOTE: Keep o	one copy of this per	mit posted at the pluggi	ng location.	0	V			File

OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED PLUGGING

01	CEI	CE	USE	ONII	V
U		CE	USE	OINT	I

This part of Form IV-4(b) is to record the dates of certain occurrences and any follow-up inspections.

Application received Follow-up inspection(s)

Plugging started " "

Plugging completed " "

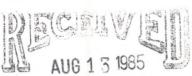
Well Record received " "

OTHER INSPECTIONS MADE ON BUILD OF BALANCE MCHAINING TO SOME OF A WORLD INVOICE

Reason:

Reason:

File





1) Date: 9/20 19 84

Operator's

Mell No. Bender #1

3) API Well No. 47 - 007 - 1661 - P
State County Permit

DIVISION OF OIL & GAS OFFICE OF OIL AND GAS, DEPARTMENT OF MINES
DEPARTMENT OF ENER MOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

) SUR	FACE OWNER (S) OF	F RECORD TO BE SERV	Đ)	5(i)	COAL OPERATO	OR	None		
(i)	Name Allena V.	Englo			Address			-	
(1)		Park St.		E (22)					
		away, WV 26624	-	5 (11)	COAL OWNER(S	s) WITH DEC	LARATION	ONRE	CORD:
(ii)	Name	1Way, WV 20024	_		1 101116		<u></u>	. [
,/	Address		_		Address		m _o	-	Tur
		P 747 145 9	67		Name		THE	S	(5)
(iii)	Name	RECEIPT FOR CERTIFIE	D MAIL	В	Address		. 6	.00	[POPD
	Address	NO INSURANCE COVERAGE PE	ROVIDED	en				∞	
		NOT FOR INTERNATIONAL	MAIL	ende	COAL LESSEE W	VITH DECLA	RATION O	N RECO)RD
		(See Reverse)		**************************************	Matthe	Moile	<u> </u>	4	
	517	Sent to Allena V. Eng	10	7 -	Address		Zg		5
- ALL STREET,	103		16	-			m	1	
TO TH	E PERSON (S) NAMED &	Street and No Park St.		dd	and the followi	ing document	s:		and the same of th
	(1) The Applicatio	P.O., State and ZIP Code Gassaway, WV	26624	lic	B), which sets	out the per	ties imm	lund is	a Aba
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7	HE REASON YOU REC		1. /	_ #	TS REGARDING TH	E APPLICATI	ON WHICH	ADE CIN	MADITED
EVER,	"INSTRUCTIONS" O YOU ARE NOT REQUI	Special Delivery Fee	THE PA	P	CATION (FORM IV-	-4 (B)) DESI	GNATED FO	R YOU.	HOW-
		Restricted Delivery Fee	and the same of	lug			Merch S. S.		
has fi	ake notice that u	Return Receipt Showing to whom and Date Delivered	.60) 00	the undersigned	well opera	tor propo	ses to	file or
Admini	strator of the Of N	Return receipt showing to whom,			or a Permit to part of Mines, with	th meanert	to the we	11 -4	ha
Applic	ation, and the ni	TOTAL Post	-	1 3 :	attached Form	IV-h. Creni	on of this	BE-A-SA	- A.b
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the No	otice is signed	OII DENATI OF THE ME	44		ON THE STREET,		~	P	NOTE: SHEET WAS ARREST OF THE PARTY OF THE P
Operat	tor in my County	and State by		By	E.A. Broom	ne C	20	m	-
	E.A. Broom	P			Its Presi	dent			MARIA
this	204 day of Se		0.1			D± 76	D- 0F	_	Non-recommendation of the control of
	mission expires	19 2 3/4, 19			Address	Rt. 76,			
	11		-		-	Glenvil	ie, wv	20351	
Notar	Allra Z	marrison	SERVICE CONTRACTOR OF THE PROPERTY OF THE PROP		Telephone	(304) 46	62-7311		R. STERRISHMENT STREET
State	Public, Dil	men Coun	cy,		_		The second secon	a di ngana yang perdaman pena	Ent. Company of the Company
Juli	SILST Olli	genia	NASTORNA						

INSTRUCTIONS TO APPLICANT

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
 - 4) Surface owner(s) of record to be served with Notice and Application.

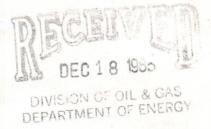
 However, see also Code § 22-4-lm(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
 - 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and two copies of the Application must be filed with the Administrator, accompanied by (i) an original and four copies of the Notice, (ii) an original and four copies of a plat in the form prescribed by Regulation 11, and (iii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-9.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code §§ 22-4-lm and 22-4-9.

FORM IV-38
[08-78]



Date:	12-2	, 198
Operator's Well No	Bender #1	
API Well No.	47 - 007 State County	- <u>166</u> Permi

STATE OF WEST VIRGINIA
Dept. of Energy , OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

		AFFIDA	AVII OF FLOUG	ING AND FIDEING WELL
(1	f "Gas", Prod	duction XX	x / Undergro	ion/ Waste Disposal/ ound storage/ Deep/ Shallow/
				d: Straight Run
D1	strict:	Otter	_ County:	Braxton Quadrangle: Gassaway 15'
WELL OPERATOR	Trio Pet	roleum (Corp.	DESIGNATED AGENT E.A. Broome
Address _	Rt. 76 B	x 35-E		Address SAME
_	Glenvill	e, WV 26	6351	
STATE OF WEST	VIRCINIA)			
COUNTY OFGi)	SS:		
(4)	2	(-)	1	$\mathcal{O}_{\mathcal{O}}$
Je.				and Bob Radalis
				nd say that they are experienced in the work of
				were employed by Trio Petroleum Corp.
				f plugging and filling the above well; that the work
was commenced	on Novem	ber 27	_, 19 <u>85</u> , ar	nd completed on November 27, 1985, in the
following mann	er:			
PERMITTED	WORK: Plug	and abando	on_XX_/ Cle	ean out and replug/
PLUGGING MATER	IALS			COAL SEAMS (NAMES AND DEPTHS)
Type of	Other	1 1.		NA
Cement	Materials	1888	Thickness	
Common	Gel	1888	380'	
Common	1001	1588	100'	
Common	Gel	1498	864'	
Common	001	438	100'	DESCRIPTION OF WELL MONUMENT
<u> </u>	Gel	438	386'	6"x20' pipe, 30" above GN
Bridge Pl	ugs UsedTy	-	4.1-	Steel Plate on side, painted Blue
Common		58	50'	<u>Inscribed "47-007-1661"</u>
		· M ·		"11-27-85"
		MA	strate	5
VENT PIPE	NA NA	1Atol	Patrilo	
	EOUS MATERIA	LS NA		
	ST 482'/45		1/85/8"	
TYPE OF R		100	70370	
	Well Op'r_	/ Contra	ctor XX/	Learl Smethan (SEAL)
	e: 1 days			Bot Rulal 12/08/2023 (SEAL)
			orn to before	
			ecember	
	My comm	ission exp	ires <u>March</u>	<u>, 19 94</u>

INSPECTOR'S PERMIT SUMMARY FORM

9-17-85

WELL TYPE			API# 4	7-007 -	1661-0
ELEVATIONC	OPI	ERATOR_]	RID PETRE	LEUM CORP.	
DISTRICT	TTER	TEI	LEPHONE_		
QUADRANGLE 6	ASSAWAY	FAI	RM ALL	ENA ENG	LE.
COUNTY BRA	XTON	WEI	LL # E	JENDER #	
		COMMEN'			
TARGET FORMAT	ION	DATE Al	PPLICATI	ON RECEIVED_	
DATE STARTED LOCATION		NOTIFIED		DRILLING CO	DMMENCED
WATER DEPTHS_	,			,	- 10
COAL DEPTHS _			,		
				*	
		CASIN			
		"pipe			
		"pipe			
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Ran	feet of _	"pipe	on	with	fill up
					OIL AND CA
TD	_ feet on_				
					100 1 = 1
		PLUGGI	NG		APR 1 5 1
Type		From	To		Pipe Removed
CEMENT		1980	1880		
CEMENT		1500	1400		
CEMENT		536	436	0	
CEMENT		50	D		
Pit Discharge	date:	Туре			
Field analysi	S	ph	fe	cl	
Well Record r	eceived				
Date Released	4/91	86			
				0 0	161001000
			Grain	da. ()1	2/08/2023
				tor's sign	

API#	47	_

LIST ALL VISITS FOR THIS PERMIT

DATE	TIME	PURPOSE	COMMENTS
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	v		
	2.83.83.81		
	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		
	4-8 - 2-4 - 2-4 - 3-4		

Notes



STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS 1615 Washington Street, East Charleston, West Virginia 25311 Telephone: 348-3500

ARCH A. MOORE, JR. Governor

April 21, 1986

Trio Petroleum Corporation Route 76, Box 35-E Glenville, West Virginia 26351 John Johnston Director

In Re: Permit No: 47-007-1661-P

Farm: Allenda Engle

Well NO: Bender #1

	District:	Otter
	County:	Braxton
	Issued:	9-17-85
Gentlemen:		
The FINAL INSPECTION REPORT for the aboffice. ONLY the Column checked below appl	ove captioned well has be ies:	en received in this
The well designated by the above capti	oned permit number has be	en released under
Please return the enclosed cancelled s by the above captioned permit number t in your behalf, in order that they may	o the surety company that	executed said pour
Your well record was received and recl with Chapter 22B, Article 1, Section 2 bond coverage for life of the well.	amation requirements app	roved. In accordance

Respectively,

Theodore M. Streit

Deputy Director--Inspection & Enforcement

TMS/nw

JOB SUMMARY

HALLIBURTON 11773 burge

	94 Co. 14	130		
ALLIBURTON		1		
LOCATION	w	est	on	Salar Salar

HILLED ON 993520

在新州的12000 P.

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E SHOE	-	3/6		1	HoweD		v.,	NAME		UNIT NO. &	TYPE	LOCATION
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LING AGENT	TYPE_		GAL.	цв	IN							
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AKER TYPE					ALLB.							· Any
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AKER TYPE CKING AGEN FPAC BALLS ER	T TYPE_		ruic		3	HALLIBURT OPERATOR		3	0	lot	COPIES REQUESTED	
AKER TYPE CKING AGEN FPAC BALLS ER	T TYPE_		louis		3	HALLIBURT		Z.	D_{θ}	lotet		
CKING AGEN	TYPE_		API CLASS		CEM	HALLIBURT OPERATOR	N.	TIVES .	D_{θ}	lotet		MIXED LBS./GAL.
CKING AGEN	TYPE_35	KS 11	API CLASS	BRAND	CEMI BULK SACKED	HALLIBURT OPERATOR	N.	4	\mathcal{D}_{θ}	lotet	YIELD CU.FT./SK.	MIXED LBS./GAL.
KER TYPE	TYPE_35	KS 11	API	to Ga	CEM	HALLIBURT OPERATOR	N.	4		ldet	PEQUESTED	MIXED
KER TYPE	TYPE_35	KS 11	API CLASS	BRAND	CEMI BULK SACKED	HALLIBURT OPERATOR	N.	4		lolet	YIELD CU.FT./SK.	MIXED LBS./GAL.
KER TYPE	TYPE_35	KS 11	API CLASS	BRAND	CEMI BULK SACKED	HALLIBURT OPERATOR	N.	4		lolet	YIELD CU.FT./SK.	MIXED LBS./GAL.
CKING AGEN	TYPE_35	KS 11	API CLASS	BRAND	CEMI BULK SACKED	HALLIBURT OPERATOR	N.	4		lolet	YIELD CU.FT./SK.	MIXED LBS./GAL.
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AKER TYPE CKING AGEN FPAC BALLS ER NUM OF SA	TYPE_	TYPE STD PRESSU	API CLASS A	BRAND HOWCO	CEM BULK SACKED B 3 % Co	HALLIBURT OPERATOR ENT DATA	ADDIT	local	Z) (lolete.	VIELD CU.FT./SK.	MIXED LBS./GAL.
CKING AGEN PPAC BALLS ER OF SI ULATING	TYPE_	KS II	API CLASS A	BRAND HOWCO PSI ISPLACEMENT	CEMI BULK SACKED B 3 % Co	REPRESENT HALLIBURT OPERATOR ENT DATA CI , A	ADDIT	Tocal		JMES TREG	VIELD CU.FT./SK.	MIXED LBS./GAL.
CKING AGEN FPAC BALLS ER OF S.	TYPE_	TYPE STD PRESSU	API CLASS	BRAND HUMCO PSI ISPLACEMENT	CEMI BULK SACKED B 3 % Co	REPRESENT HALLIBURT OPERATOR ENT DATA C1 RY PRESLUSH: BI LOAD & BKDN	ADDIT	local	Z) (JMES JAEG	VIELD CU.FT./SK.	MIXED LBS./GAL.
AKER TYPE CKING AGEN FPAC BALLS ER AGE OF S CULATING AKDOWN RAGE	TYPE	TYPE STD PRESSU	API CLASS A URES IN DI M FRACTI	BRAND HOWCO PSI ISPLACEMENT AXIMUM URE GRADIEN	CEM BULK SACKED B 3 % Co SUMMA	REPRESENT HALLIBURT OPERATOR ENT DATA CI RY PRESLUSH: BI LOAD & BKDN TREATMENT:	ADDIT	local	Z) (JMES JAEG	VIELD CU.FT./SK.	MIXED LBS./GAL.
CKING AGEN	TTYPE	TYPE STD PRESSU	URES IN DI M. FRACTI	BRAND HOWCO PSI ISPLACEMENT AXIMUM URE GRADIEN	CEMI BULK SACKED B 3 % Co SUMMA 250 T 15-MIN.	REPRESENT HALLIBURT OPERATOR ENT DATA RY PRESLUSH: BI LOAD & BKDN TREATMENT: CEMENT SLUE	ADDIT	Tocal	Z) (JMES JAEG	VIELD CU.FT./SK.	MIXED LBS./GAL.
CKING AGEN FPAC BALLS ER AGE OF SI CULATING AKDOWN RAGE	TTYPE	TYPE STD PRESSU	API CLASS A URES IN M FRACTI S-MIN.	BRAND HOWCO PSI ISPLACEMENT AXIMUM URE GRADIEN	CEMI BULK SACKED B 3 % Co SUMMA 250 T 15-MIN.	REPRESENT HALLIBURT OPERATOR ENT DATA CI RY PRESLUSH: BI LOAD & BKDN TREATMENT:	ADDIT	Tocal	23 6 (100)	JMES PAD	VIELD CU.FT./SK.	MIXED LBS./GAL.
CKING AGEN PAC BALLS ER ULATING LKDOWN	TYPE	TYPE STD PRESSU	URES IN FRACT S-MIN. LIC HOR:	BRAND HUMCO PSI ISPLACEMENT AXIMUM URE GRADIEN SEPOWER	CEMI BULK SACKED B 3 % Co SUMMA 250 T 15-MIN.	REPRESENT HALLIBURT OPERATOR ENT DATA RY PRESLUSH: BI LOAD & BKDN TREATMENT: CEMENT SLUE	ADDIT	Tocal	Z) (JMES PAD	VIELD CU.FT./SK.	MIXED LBS./GAL.
KER TYPE KING AGEN PAC BALLS R GE NUM OF SI JLATING KDOWN AGE	TYPE	TYPE STD PRESSU OOO HYDRAUL AVAIL AVERAGI	URES IN FRACT S-MIN. LIC HOR:	BRAND HOWCO PSI ISPLACEMENT AXIMUM URE GRADIEN SEPOWER SIN BPM	CEMI BULK SACKED B 3 % Co SUMMA 250 T 15-MIN.	REPRESENT HALLIBURT OPERATOR ENT DATA RY PRESLUSH: BI LOAD & BKDN TREATMENT: CEMENT SLUE	ADDIT	Tocal	23 6 (100)	JMES PAD	VIELD CU.FT./SK.	MIXED LBS./GAL.

HALLIBURTON SERVICES JOB SUMMARY

HALLIBURTON

HALLIBURTON	W	'			
LOCATION	 W	r	4	*	

Struight Run	SE	.c	RNG.		COUNTY			STATE W		
RMATION NAME	TYPE_			USED	WEIGHT	SIZE	FROM	то	MAXIMUM PS	
RMATION THICKNESSF	10		CASING	Now	20#	676	KB	451	250	
TAL PROD: OILBPD. WATER_			LINER	-	-		-			
SENT PROD: OILBPD. WATER_	BPD,GAS	MCFD ,	TUBING			- , ,	CL	1111	SHOTS/FT.	
MUD TYP	EN	AUD WT.	OPEN HOLE			_//	64	466	SHOTS/FT.	
			PERFORAT							
TOM HOLE TEMP.		466	PERFORAT							
G. DATA	TOTAL DE		DATA	10113			ــــــــــــــــــــــــــــــــــــــ	1200		
TOOLS AND ACC	ESSORIES		CALLED OL		ON LOCA	TION	JOB STARTE	108	COMPLETED	
TYPE AND SIZE	QTY. MAKE		DATE 4-30 DATE 4-30				DATE 4.70 DATE 4-3			
AT COLLAR		TIME 6:	05	TIME /	0:00	TIME /				
AT SHOE			-	and the second			DSERVICE	UNITS		
DE SHOE 8 %	1 1	lower			NAME		UNIT NO. &	TYPE	LOCATION	
TRALIZERS 879 King		House	P.	Hola	ter		2578	0 11	40.	
TOM PLUG			_ (.	100	robers	1	Pu		les ton	
PLUG 5 W		Howes		EI	1,06		061		11	
В							4000			
KER			R.	Wa	ed		3265		,,	
ER Coment Basket 878		Howco					TD			
MATERIA										
AT. FLUID					2 - 1 - 6					
L. FLUID	DENSITY	LB/GALAPI		-						
P. TYPESIZE	-	LB.			-					
P, TYPESIZE	Tr.	LB.	-							
TYPEGA		%	-							
GA GA	is a				***************************************					
TYPE GA	1		DEPARTMEN	T	1.	an t				
AGENT TYPE GA	<u> </u>	IN	DESCRIPTIO	N OF 10	B	an I	25%	Casing		
IID LOSS ADD.TYPEGAL.						W7 8 4 7	978	0		
LING AGENT TYPEGAL.				7						
C. RED. AGENT TYPE GAL										
AKER TYPEGAL			JOB DONE T	HRU: TU	BING -	CAS	ING A	NNULUS X	TBG./ANN.	
CKING AGENT TYPE		-LB						,		
FPAC BALLS TYPE	QTY.		CUSTOMER REPRESENT.		X_6	cy Do	will			
BR 35 WS 11041 C	oca			- Marian	7	/	1/100	COPIES		
ER			OPERATOR	N. T.	de	25/	plete	REQUESTED		
		CEMEN	NT DATA			0		T		
AGE NUMBER TYPE API		CKED		ADDIT	IVES			VIELD CU.FT./SK.	MIXED LBS./GAL.	
II STD A	И	B 3% Co C	- V	# 1	1.	1.		1.18	15,	
11 210 13	Howco	3 10 606	-1 , /X	7 /	10001	<u>e</u>		1.10	13.6	
					100					
					20 Apr 3		. 3			
PRESSURES IN	PSI	SUMMARY	Y	Sec. 11		VOLU	MES 74	4 , ->	6	
ULATING 200 DI	SPLACEMENT	Name .	RESLUSH: 88	LGalan	151	110	- TOPE	1000	6	
AKDOWN MA	XIMUM	250	OAD & BKDN	: BBLG	AL.		PAD	: BBLGAL	10	
RAGE FRACTI	JRE GRADIENT _	TI	REATMENT:	BLGA	L	an	DISF	L: BBLGAL.	29	
T-IN: INSTANT5-MIN		-MIN C	EMENT SLUR	RY: BBI	dats	43				
HYDRAULIC HORS	SEPOWER	T.	OTAL VOLUME	:: BBL	GAL.					
EREDAVAILABLE		SED			-	REMAR	IKS			
	IN BPM				4	16 1	45.5			
AVERAGE RATES	IN BPM		- CF	C	90		C. Comment			
	OVE	PALL		<u> </u>	00		C/ Symmet			

HALLIBURTON SERVICES JOB SUMMARY FORM 2012 R-2

DIVISION 11173 burg

HALLIBURTON

Weston

TICKET NO. 993520

ATION NAM					e			NEW	WEIGHT	SIZE	FROM	STATE N	MAXIMUM PSI ALLOWABLE
							CASING	New	20 €	676	KB	4.51	250
				0.1		MCFD	LINER	,,,,,			1		
				BPD			TUBING						
							OPEN HOLE			11	64	466	SHOTS/FT.
				PE			PERFORATI					10.70	
R TYPE				SET			PERFORATI						
				_PRESSURE _		466	PERFORATI						
DATA				TOTAL	DEPTH	JOB	DATA						L
*		TOOLS	AND ACC	CESSORIES	1 to 11:		CALLED OU	T	ON LOCA	TION	JOB STARTE	108	COMPLETED
-	TYPE AN			QTY.	M	AKE	DATE 4	30	DATE 4	-30	DATE 4.	70 PAT	re 4-30
T COLLAR							TIME 6: 6	-	1				E /2/2
				The state of the s			1				DSERVICE		- / 4/ -
SHOE		0 54			11				IAME	THE PART	UNIT NO. &		LOCATION
SHOE		8%		 	Howco		12				2578		LOCATION
RALIZERS	- {	79 1	18		Houses	2		Hola	1		Pu	1 1 /	eston
M PLUG				1	1/			-	abry		061		
	11/				Howe	9		-1	10t		-		11
						-	- 01				4000	-	
ER			-,,,				K.	Wa	ed		3265		11
R Cor	ment	Busket	0%		Howe	0					TD		
			MATERIA	ALS					-				
T. FLUID				_DENSITY		LB/GAL.OAPI							
				DENSITY									
									1 2				
					LB.								
				300		%							
TYPE						%							
							DEPARTMEN	7	(an t			
	-			35								Casing	
							Just RIF 1101	. Jr 30		arte u T	075	0	
LOSS ADD	1000							-					
			GAL	LB	- 1/2								
ING AGENT	_			,-LB,							627	127	г
RED. AGE	NT TYPE	s					JOB DONE TI	HRU: TU	BING L	CA	SING DE A	NNULUS 1	TBG./ANN.
RED. AGE	NT TYPE		GAL	,-LB.									
ING AGENT RED. AGE KER TYPE KING AGEN	NT TYPE	5	GAL		241-15		CUSTOMER		V -		11/11		
RED. AGEN RED. AGEN KER TYPE KING AGEN	NT TYPE	5	GAL		241-15		CUSTOMER	ATIVE A	X_6	ry Do	well		
RED. AGEN RED. AGEN KER TYPE KING AGEN	NT TYPE		GAL		241-15		CUSTOMER REPRESENT	ATIVE A	X_6	cy Do	1/10	COPIES	
RED. AGENT RED. AGENT KER TYPE KING AGEN PAC BALLS	NT TYPE	5	GAL		241-15		OPERATOR	ATIVE	X_6	1 /s	lotte	COPIES REQUESTED	
ING AGENT RED. AGE KER TYPE KING AGEN	NT TYPE	5	GAL		241-15		HALLIBURTO	ATIVE A	X_6	2 G	lott		
RED, AGENT RED, AGENT KER TYPE KING AGEN PAC BALLS R	NT TYPE	5	GAL		BULK		OPERATOR	ADDIT		2) f	lotet	PEQUESTED	MIXED
RED, AGENT RED, AGENT KER TYPE KING AGEN PAC BALLS R	NT TYPE	KS 11	CUIC	Fe) (; d	3ALLB		OPERATOR	M		2) b	lotet	REQUESTED	MIXED
NG AGENT RED. AGEN KER TYPE KING AGEN PAC BALLS	NT TYPE	KS 11	GAL	BRAND	BULK		OPERATOR	M		2 f	lot to	PEQUESTED	MIXED
NG AGENT RED. AGE RET TYPE RET	NT TYPE	KS)	API CLASS	Fe) (; d	BULK SACKED	CEMEN	OPERATOR	M		2 6	Id to	YIELD CU.FT./SK.	MIXED
RED. AGENT RED. AGEN RER TYPE ING AGEN AC BALLS	NT TYPE	KS)	API CLASS	BRAND	BULK SACKED	CEMEN	OPERATOR	M		2 6 (e	Idet.	YIELD CU.FT./SK.	MIXED
NG AGENT RED. AGEN KER TYPE KING AGEN PAC BALLS	NT TYPE	KS)	API CLASS	BRAND	BULK SACKED	CEMEN	OPERATOR	M		1 / Do	Idet.	YIELD CU.FT./SK.	MIXED
NG AGENT RED. AGE KER TYPE KING AGEN PAC BALLS R	NT TYPE	KS)	API CLASS	BRAND	BULK SACKED	CEMEN	OPERATOR	M		2 6	Idet.	YIELD CU.FT./SK.	MIXED
NG AGENT RED, AGE KER TYPE KING AGEN PAC BALLS	NT TYPE	TYPE STD	API CLASS	BRAND HOMED	BULK SACKED	CEMEN 3 % Ca (OPERATOR IT DATA	M	local	VOLU.	Lote	YIELD CU.FT./SK.	MIXED
NG AGENT RED. AGE KER TYPE KING AGEN PAC BALLS	NT TYPE	TYPE STD	API CLASS	BRAND HOMED	BULK SACKED	CEMEN 3 % Co (OPERATOR IT DATA	ADDIT	local	<i>D</i> 6	Local	YIELD CU.FT./SK.	MIXED
NG AGENT RED. AGE KER TYPE KING AGEN PAC BALLS CONTROL	NT TYPE	TYPE STD	API CLASS A URES IN	BRAND HOMEO	BULK SACKED	CEMEN 3 % Co (OPERATOR IT DATA	ADDIT	Tocal	VOLU.	JMES THE	YIELD CU.FT./SK.	MIXED
NG AGENT RED, AGE KER TYPE KING AGEN PAC BALLS R OF S LATING COOWN	NT TYPE	TYPE STD	API CLASS A URES IN	BRAND HOWCO	BULK SACKED B	SUMMARY	Y RESLUSH: BB	ADDIT	Tocal	VOLU.	JMES JAE	YIELD CU.FT./SK.	MIXED
NG AGENT RED. AGE KER TYPE KING AGEN PAC BALLS RED. NUM OF S LATING	NT TYPE STYPE STYPE STYP	TYPE STD	API CLASS A URES IN D	BRAND HOWCO PSI ISPLACEMENT IAXIMUM TURE GRADIEN	BULK SACKED B	SUMMARY	Y RESLUSH: BB	ADDIT	Tocal	VOLU.	JMES JAE	VIELD CU.FT./SK.	MIXED
NG AGENT RED. AGE KER TYPE KING AGEN PAC BALLS R	NT TYPE STYPE STYPE STYP	TYPE STD PRESS	API CLASS A URES IN D M FRACT S-MIN.	BRAND HOWCO PSI ISPLACEMENT IAXIMUM TURE GRADIEN	BULK SACKED B	SUMMARY	Y RESLUSH: BB DAD & BKDN: REATMENT: E	ADDIT	Tocal	VOLU.	JMES JAE	VIELD CU.FT./SK.	MIXED
NG AGENT RED. AGE KER TYPE KING AGEN PAC BALLS R OF S LATING AGE	NT TYPE STYPE STYPE STYP	TYPE STD PRESSI	API CLASS A URES IN D M FRACT S-MIN.	BRAND HOWED	BULK SACKED B	SUMMARY	OPERATOR IT DATA V RESLUSH: BB DAD & BKDN: REALMENT: E	ADDIT	Tocal	VOLU.	JMES PAD	VIELD CU.FT./SK.	MIXED
NG AGENT RED. AGE (ER TYPE KING AGEN AC BALLS AC	NT TYPE STYPE STYPE STYP	TYPE STD PRESS 200	API CLASS A URES IN M FRACT S-MIN. LIC HOR	BRAND HOWED PSI ISPLACEMENT IAXIMUM TURE GRADIEN ISEPOWER	BULK SACKED B	SUMMARY	Y RESLUSH: BB DAD & BKDN: REATMENT: E	LGALGARY: BBLGREEN BBLGRE	Tocal	VOLUMENT OF THE PROPERTY OF TH	JMES PAD	VIELD CU.FT./SK.	MIXED
RED, AGENT TYPE ING AGENT AC BALLS RED, NUMBER OF S ACTION DOWN GE N: INSTAN	NT TYPE STYPE STYPE STYP	TYPE STD PRESS 200 HYDRAUI AVAILAVERAG	API CLASS A URES IN FRACT 5-MIN. LIC HOR ABLE E RATES	BRAND HONCO PSI ISPLACEMENT INVESTIGATION SEPOWER SIN BPM	BULK SACKED BULK SACKED BULK SACKED T 15-MIN.	SUMMARY	OPERATOR IT DATA PRESLUSH: 88 DAD & BKDN: REATMENT: E EMENT SLURI DTAL VOLUME	LGALGARY: BBLGREEN BBLGRE	Tocal	VOLUMENT OF THE PROPERTY OF TH	JMES PAD	VIELD CU.FT./SK.	MIXED
NG AGENT RED. AGE (ER TYPE KING AGEN AC BALLS AC	NT TYPE STYPE STYPE STYP	TYPE STD PRESS 200 HYDRAUI AVAILAVERAG	API CLASS A URES IN FRACT S-MIN. LIC HOR ABLE E RATES	BRAND HOMOD PSI ISPLACEMENT IAXIMUM TURE GRADIEN SEPOWER S IN BPM	BULK SACKED B	SUMMARY	OPERATOR IT DATA PRESLUSH: 88 DAD & BKDN: REATMENT: E EMENT SLURI DTAL VOLUME	LGALGARY: BBLGREEN BBLGRE	Tocal	VOLUMENT OF THE PROPERTY OF TH	JMES PAD	VIELD CU.FT./SK.	MIXED

HALLIBURTON SERVICES DIVISION JOB SUMMARY BILLED ON WELL DATA FIELD OTT FR REALTON STATE COUNTY MAXIMUM PSI ALLOWABLE WEIGHT FORMATION NAME CASING 2017 1500 ATION THICKNESS LINER MCFD TUBING MCFD OPEN HOLE SHOTS/FT. PERFORATIONS PERFORATIONS 1500 PERFORATIONS JOB DATA CALLED OUT TOOLS AND ACCESSORIES DATE 5. 2.01 DATES - 2 - 61 DATES-1-81 TYPE AND SIZE TIMEDE AD TIME 0 3 70 FLOAT COLLAR PERSONNEL AND SERVICE UNITS FLOAT SHOE UNIT NO. & TYPE LOCATION GUIDE SHOE CENTRALIZERS ISSTOR coc BOTTOM PLUG ler c TOP PLUG 4 HEAD PACKER 11 OTHER MATERIALS DENSITY TREAT. FLUID DISPL. FLUID DEPARTMENT CIASA SURFACTANT TYPE NE AGENT TYPE FLUID LOSS ADD.TYPE ANNULUS TEG./ANN. JOB DONE THRU: TUBING CASING E COPIES **CEMENT DATA** YIELD MIXED BULK NUMBER OF SACKS BRAND LBS./GAL

VOLUMES PRESSURES IN PSI SUMMARY 800 CIRCULATING 1500 BREAKDOWN MAXIMUM AVERAGE SHUT-IN: INSTANT HYDRAULIC HORSEPOWER REMARKS AVAILABLE ORDERED AVERAGE RATES IN BPM CEMENT LEFT IN PIPE

12/08/2023

HALLIBURION SERVICES JOB SUMMARY HALLIBURTON 6/5CTOD WV WELL DATA FIELD 777- 8 COUNTY MAXIMUM PSI 2017 1500 LINER MCFD INITIAL PROD! OIL SHOTS/FT. OPEN HOLE PERFORATIONS PERFORATIONS JOB DATA TOOLS AND ACCESSORIES DATE 5. 2.41 DATES - 2 - 41 DATES-1-81 MAKE 225 COMIT OS STANIT TIME 0 7 70 FLOAT COLLAR PERSONNEL AND SERVICE UNITS FLOAT SHOE UNIT NO. & TYPE LOCATION NAME GUIDE SHOE CK MARSHALL CENTRALIZERS 155TOA COC. BOTTOM PLUG ler c TOP PLUG 80 HEAD PACKER 11 OTHER DENSITY JOB DONE THRU: TUBING COPIES **CEMENT DATA** YIELD MIXED BULK NUMBER OF SACKS CLASS BRAND LBS./GAL PRESSURES IN PSI SUMMARY VOLUMES Pan CIRCULATING 500 SHUT-IN: INSTANT HYDRAULIC HORSEPOWER

ORDERED

AVERAGE RATES IN BPM
DISPL.
CEMENT LEFT IN PIPE

12/08/2023

HALLIBURTON SERVICES JOB SUMMARY GISTON WV WELL DATA STATE COUNTY MAXIMUM PSI ALLOWABLE 2017 CASING 1500 LINER TUBING OPEN HOLE SHOTS/FT. PERFORATIONS PERFORATIONS JOB DATA **TOOLS AND ACCESSORIES** DATE 5. 2.01 DATES -2-61 MAKE TYPE AND SIZE FLOAT COLLAR FLOAT SHOE NAME UNIT NO. & TYPE LOCATION GUIDE SHOE CENTRALIZERS CK. MARSHALL BOTTOM PLUG ISSTON GOC TOP PLUG let.C H HEAD 05 60 PACKER 11 OTHER LB/GAL. API JOB DONE THRU: TUBING ANNULUS COPIES **CEMENT DATA** NUMBER OF SACKS STAGE YIELD MIXED SUMMARY VOLUMES 800 1500 HYDRAULIC HORSEPOWER REMARKS AVERAGE RATES IN BPM DISPL

CEMENT LEFT IN PIPE

CUSTOMER

12/08/2023