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



	State	County	Permit
API Well	No. 47	085	5795
Operator's Well No	Hodge	P-7	
Date:	August	2 , 19	82

Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION
OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE:	OilX/	Gas X					4_1011
	(If "Gas", Produc	ction X_/	4	d storage/			
LOCATION:	Elevation: 11	.00'		Otterslide			
	District: Ur	nion	County:	Ritchie	Quadrangle:P	ullman 7.5	5'
WELL OPERAT	OR PRENCO)		DESIGNATED AGE	NT Denzil L	. Prather	
Address	P. O. B			Address	P. O. Bo	x 91	
1 2 2		Wells, WV			Mineral	Wells, WV	2615
OIL & GAS ROYALTY OW	NERArden Ho	odge	The span	COAL OPERATOR	None		HORO SANCE
	Berea, W			Address		r leterrie	Sec.
		en sirus.	008 1	1002			125
Астеаде				COAL OWNER(S)	WITH DECLARAT	ION ON RECO	RD:
SURFACE OWN	NER Arden Ho	odge		Name	None		
Address	Berea, V	V. Va.	UCCO UTDATES	Address		30.5	
Acreage	140			Name			Acres .
FIELD SALE (
							200 ·
				COAL LESSEE WI	TH DECLARATIO	N ON RECORI	D: -
OIL & GAS IN	SPECTOR TO BE N	OTIFIED		Name	None		- 14:
Name	Sam Hersman		497	Address		1	
	P. O. Box 56		-33				
(IF said deed, le	/ dated Ma	et has been record	ded:)				
Recorded on	March 15, 19 82	in the office	e of the Clerk of	of the County Commis	sion of Ritchie	Count	y, West
Va., inI	ease Book 1	42 at page_	158 . A	permit is requested a	as follows:		
	WORK: Drill_X/					ERMIT MUST B	HHIS P
TROTOSED .				new formation			
	Flug off old f	of mation	_/ Teriorate	LOCATION IN HERE	BET EGOD AV A	UE 4 OF THE V	
	Other physica	l change in well	(specify)	HART TRACES ARE	The state of the s	-1 SOLOBA	APPA
			-ld +l	ne reverse side hereo	ENDY COMPRIS	VAH SHOITAN	IF OPE
							Ya.
	ned coal operator, coal						
	22-4-3 must be filed v	vith the Departme	ent of Mines w	ithin fifteen (15) days	after the receipt of	this Application	by the
Department.							
- 1	Permit Application and						
	d coal operator, coal ov			fore the day of the mai	ling or delivery of th	is Permit Applic	cation to
	of Mines at Charlest	on, West Virginia	a. Phrair	(B)		05/03/2024	1
	TT COPIES OF ALL LOGS DIRECTLY		BUVE	PRE	NCO		
CONSERVA	IA OIL AND GAS ATION COMMIS-	AUG	0.2 1982	By Den	Well Operan	Ther	
	TON STREET EAST		GAS DIVISIO		ignated Agent		
CHARLESTON,	W V 25511	DEPT.	OF MIN	Sendings Lotter			

BLANKET BOND

TELEPHONE: (304) 348-3092

PROPOSED WORK ORDER

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

KILLING CO	MIKACI	ok (ii				Clint Hurt	n, W. Va.			
					-		.,			
FOI OGICAL	TARGE	T FORM	ATION.		Dev	onian Shal	e (Alexano	der)		
									ole tools/	
Annovin	note water	r strata	denths	Fresh	1	feet:	salt.	feet.		
Approxim	nate wate	a strata	anthe:	1 1031	.,	Is coal	heing mined	in the area? Yes	/ NoX	1
						13 COM	being mined	in the area.		_ ′
ASING AND	TUBING	PROG	KAM					1		
SING OR	SPE	CIFICATI Grade	ONS Weight per ft	New	Used		NTERVALS	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
nductor	10					300	300	Cement to surface	Kinds	
esh Water										
al									Sizes	
termediate	7					2610	2610	Cement to surface		
oduction	4 1/2					5000	5000	Cement to surface	Depths set	
	1 1/2									
ibling									Perforations:	
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						B	1	II .		
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necessary for comments.



DATE	July 28, 1982	
WELL NO.	P-7	

47 - 085

API NO._

State of Mest Hirginia

Bepartment of Mines Bil und Gas Bivision

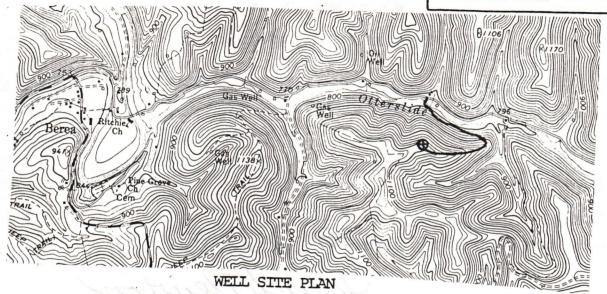
			LAVALION PLA		thor
	ME PRENCO			ENT Denzil L. Pra	
	P.O.Box 91, Mineral Wells, V	<u>NV 26150</u>		O.Box 91, Mineral 304/489-2221	I wells, wv
Telepho	ne 304/489-2221		Telephone_		
LANDOWNER	Arden Hodge		SOIL CONS.	DISTRICT Little k	Kanawha
	ation to be carried out by				: (Agent)
This	plan has been reviewed by Li	ttle Kanawl	na	SCD. All cor	rections
and additi	ons become a part of this pl	an:	7-28-8	72	
		(/	(Date)	0/	
		yas	(SCD Agen	eston	
		0			
	ACCESS ROAD			LOCATION	
Structure	Drainage ditch	(A)	Structure_	Diversion ditch	(1
Spacing .			Material		
Dage Ref	Manual 1:11		Page Ref.	Manual 1:9	
rage ner.		•	And the second second		
Structure	Culvert 2 48"	(B)	Structure_	Riprap	(
Spacing			Material .	Stone	water with the
	1.9		Dam Pof	Manual N/A	
Page Ref.	Manual 1:8		rage Rei.	wantai 11/6	
Structure	Culvert 16"	(C)	Structure		V15111 4
			Material		
Spacing			Material	• AUG 02	1982
Page Ref.	Manual 1.8		Page Ref. 1	Manual	
commerc	tructures should be inspected ial timber is to be cut and removed from the site befor	stacked and	i all brush	ed if recessory. and small timber t	MANES
		REVEGETATIO	ON		
	Treatment Area I Loca	ation		Treatment Area II:	Roadway
	Treatment Area I Loca Tons/ac		Lime		Tons/acre
Lime_ or corr	ect to pH 6.5	16		ect to pH 6.5	
Fertilizer		e		500	
	(10-20-20 or equivalent)			(10-20-20 or equiv	
Mulch	Hay 1.5 Tons/ac	re	Mulch	Hay 1.5	
Seed* Ky	31 Fescue 30 lbs/acr	e	Seed* Ky. 3		0 lbs/acre
	rennial Ryegrass 30 lbs/acr	e ,	Street Workship or Street Stre		0° lbs/acre
Al	sike Clover 10 lbs/acr	e	Alsike	Clover 05/0	3/2024acre
*Inocul Inoculate	cate all legumes such as vetc with 3X recommended amount.	h, trefoil	and clovers	with the proper b	acterium.
		PLAN PRE	EPARED BY	David W. Batten	
Nomes	Diagon nominat indament			P.O. Box 91 Mineral Wells, WV	26150
cooper	Please request landowners' ration to protect new		WDOUEDD	INTITIET AT ALL INTITIET OF THE INTITIET OF TH	20100
seedli	ing for one growing season.				<u> </u>
	separate sheets as	· P	HONE NO.	304/489-2221 .	

PHONE NO.

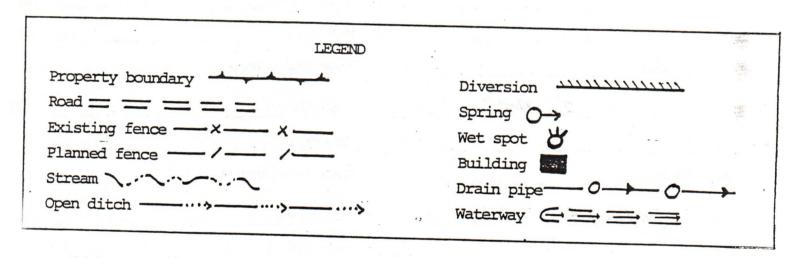
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

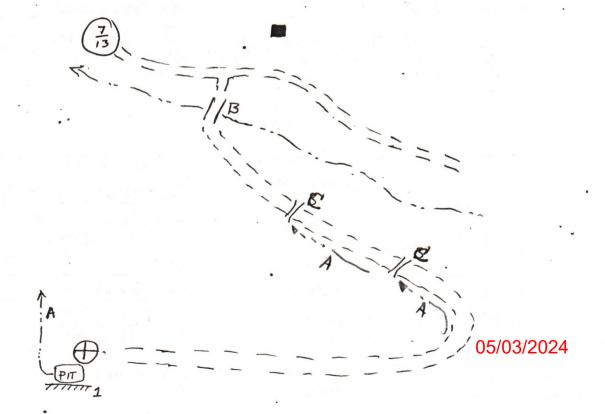
QUADRANGLE Pullman 7.5'

Well Site Access Road ----



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







OIL & GAS DIVISION DEPT. OF MINES

EXTENSION OF LEASE

WHEREAS, the undersigned did on the
The County Court of Ritchie County, West Virginia, in Book No. 142, at Page 158, lease unto Denzil L. Prather, a tract of land containing 140 acres, and WHEREAS, it is the desire of the undersigned to extend the primary term of the lease. NOW, THEREFORE, WITNESSETH THIS AGREEMENT: That for and in consideration of the sum of One (\$1.00) Dollar, cash in hand paid, and other good and valuable considerations, the receipt of all of which is hereby acknowledged, the undersigned hereby extend the primary term of the above-described lease for a period of One years, and do hereby provide that the primary term of said lease shall expire on the 151 day of March Given under our hands and seals this 3/st day of July Given under our hands and seals this 3/st day of July STATE OF WEST VIRGINIA,
Denzil L. Prather , a tract of land containing 140 Book No. 142 , at Page 158 , lease unto Denzil L. Prather , a tract of land containing 140 Bores, and WHEREAS, it is the desire of the undersigned to extend the primary term of the lease. NOW, THEREFORE, WITNESSETH THIS AGREEMENT: That for and in consideration of the sum of One (\$1.00) Dollar, cash in hand paid, and other good and valuable considerations, the receipt of all of which is hereby acknowledged, the undersigned hereby extend the primary term of the above-described lease for a period of One years, and do hereby provide that the primary term of said lease shall expire on the 1st day of March 1933. Given under our hands and seals this 3/st day of July Given under our hands and seals this 3/st day of July
Denzil L. Prather
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dedged, the undersigned hereby extend the primary term of the above-described lease for a period of
grand of
Given under our hands and seals this 3/st day of July STATE OF WEST VIRGINIA,
Given under our hands and seals this
Given under our hands and seals this 31st day of July STATE OF WEST VIRGINIA,
Given under our hands and seals this 31st day of July STATE OF WEST VIRGINIA,
Given under our hands and seals this 3/st day of July STATE OF WEST VIRGINIA,
Given under our hands and seals this 3/st day of July 19 &. STATE OF WEST VIRGINIA,
198. STATE OF WEST VIRGINIA,
198. STATE OF WEST VIRGINIA,
STATE OF WEST VIRGINIA,
COUNTY OF Wood, TO-WIT:
Taken, subscribed and sworn to before me the 3/st day of
July 1982.
Elizabet 7. Snyder Notary Public
Notary Públic

My Commission expires:

This instrument prepared by: Denzil L. Prather, P.O. Box 91, Mineral Wells, WV 26150

		tered into the 1st		19 <u>82</u> by an
between	Arde		lodge	
	. Ditabba		. II Va	of Berea P. C
County	of RICCHEE	and state of	1 I. Prether PO Box 9	of the first par Ninerals Wells, W.Va. 2
party o	of the second part, herei	inafter called Lessee.	The Tradici To Box	i i minerals wells, with
W	VITNESSETH, that the	e said Lessors for and in co-	nsideration of the sum of	
by thes demise, stations the leas	ents hereinafter contained se presents do grant, di unto the said Lessee, i s, power plants, water a sed premises and other li-	d on the part of the said Lestemise, lease and let with course successors and assigns, for stations and structures thereo lands of Lessors, for the puri	ssee, to be paid, kept and performe overants of quiet possession, and the the purpose of mining and operation to take care of the said products,	y acknowledged, and of the covenants and, have granted, demised, leased and let and at they have the sole right so to grant and ing for oil and gas, and of building tanks and of laying pipe lines on, over and acrost water therein from and to wells and piper this and other land of Lessors,
All tha	at certain tract of land si	ituate in Union	District on the waters of Ot+	Ritchie
County	and State of	W.Va.	on the waters of Ot-	terslide
	d as follows:			, 61
		Flanagan Farm		01
			s and South Fork Hunt (
On the	South by lands of	Ward Farm and La	wrence Richards	N N
On the	West by lands of	Arden noage		
Contain	ing One Hundred	and Forty	() acres, more or less, being land purchased
from				
drilled b	by either party except b	y mutual consent.	4 months	on the premises on which no well shall be
either of	of them, is produced from Consideration of the P	e shall remain in force for the m the said lands by the said lands by the said remises the said party of the	Lessee, its successors and assigns. second part, covenants and agrees:	on the premises on which no well shall be and as long thereafter as oil or gas, or lst—to deliver to the credit of the Lessors.
their hei	irs or assigns, free of cos	st, in the pipe line to which	Lessee may connect its wells	to deliver to the credit of the Lessors,
			the equ	al one-eighth (1/8) part of all oil produced
and save	ed from the leased prem	nises; and second, to pay	· · · · · · · · · · · · · · · · · · ·	one-eighth (%) part of all oil produced
4.16				
one-eigh	oth (1/8) of the value at	t the well of the gas from ea	ch and every gas well drilled on	said premises, the product from which is
TI	he Lessee shall not be re	equired in any event to incre	are the rate of said are all	
royalty	or interest in said oil	or gas that may have been	heretofore sold reserved or conveyed	nts or said royalty of oil by reason of any
otherwis	se. And any such outs	tanding royalty or interest sh	all first be deducted from the royalt	by Lessors or their predecessor in title or ies and rentals above provided to be paid or
delivered	d.		. The state of the	es and tentals above provided to be paid or
it may	desire, "Casing Head Ga	bereto that the Lessee, its su	occessors or assigns, shall have the rig	ht to use off the farm for such purposes as 'casing head gas' or any part thereof should
be many	ufactured into gasoline o	or other hy-products by said	company, said Lessors shall receive	casing head gas or any part thereof should
one-eigh	of the net value at t	the factory of the gasoline an	d other hy maduets	1
one dwe	elling house on said land	d, out of any surplus gas ov	said land and take gas therefrom from	d. se for their own use for heat and light in ssors and assigns, may require to operate
the farm	n and subject to the use	e, operation, pumping and ri	ght of abandonment of the well by	ssors and assigns, may require to operate Lessee, its successors and assigns; lessors are
Lessee i	its successors and assigns	published at such time relat	ting to much man of	reasonable rules and regulations of said
is agreed	d that the leased premise	es to locate all wells so as to	interfere as little as possible with the	ne cultivated portion of the farm. And it
the Less	see in operating hereunde	er, and further, that the said	Lessee may drill or not drill or	ne cultivated portion of the farm. And it noses, excepting such parts as are used by id land, as it may elect, and that the con-
		para constitute adequa	the compensation for such privilege.	
I h	le said Lesee covenant ar	nd agrees to pay rental at th	ne rate of Thirty Fire	ve
		(\$	Dollars, quarterly in advan	ce, beginning in
		months fo	rom this date, until, but not after,	
drilled o		and any rental naid for air	beyond the date of completion of	to the Lessons in
drilled o	due upon the same and a	all rentals shall coase after the	surrender of this lease as hereinafte	a gas well shall be credited upon the first
drilled o coyalty of or gas p	produced and marketed,	all rentals shall cease after the for gasoline and other by-pr	oducts may be made direct to the le	a gas well shall be credited upon the first r provided for. All payments for delay, ssors or be deposited to their credit, or to
drilled o oyalty o or gas p he credit	produced and marketed, it of their heirs or assign	all rentals shall cease after the for gasoline and other by-pr ns in the	oducts may be made direct to the le	a gas well shall be credited upon the first r provided for. All payments for delay, ssors or be deposited to their credit, or to
drilled o oyalty o or gas p he credit	produced and marketed, it of their heirs or assign	all rentals shall cease after the for gasoline and other by-prons in the	oducts may be made direct to the le	a gas well shall be credited upon the first r provided for. All payments for delay, sssors or be deposited to their credit, or to
drilled o royalty of for gas p he credit Bank of	produced and marketed, it of their heirs or assign Berea	all rentals shall cease after the for gasoline and other by-pr ns in the	r by check mailed to hitchee	a gas well shall be credited upon the first r provided for. All payments for delay, sssors or be deposited to their credit, or to arden Hodge
drilled o royalty of for gas p he credit Bank of	produced and marketed, it of their heirs or assign Berea W.Va. 2632	all rentals shall cease after the for gasoline and other by-pr ns in the	r by check mailed to hitchee such payments	a gas well shall be credited upon the first r provided for. All payments for delay, ssors or be deposited to their credit, or to arden Hodge County
drilled o royalty of for gas p he credit Bank of	produced and marketed, it of their heirs or assign Berea W.Va. 2632	all rentals shall cease after the for gasoline and other by-pr ns in the	r by check mailed to hitchee such payments	a gas well shall be credited upon the first r provided for. All payments for delay, ssors or be deposited to their credit, or to arden Hodge County
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drilled of coyalty of cor gas phe credit cank of the credit can	produced and marketed, it of their heirs or assign Berea W. Va. 2632	all rentals shall cease after the for gasoline and other by-prons in the	r by check mailed to	a gas well shall be credited upon the first r provided for. All payments for delay, sssors or be deposited to their credit, or to arden Hodge County may be also made in the same manner to lessors to receive the same.
drilled o coyalty cor gas phe credit sank of tate of tate of the credit secessary poon the	Berea W. Va. 2632	is to have the privilege of us	r by check mailed to	a gas well shall be credited upon the first r provided for. All payments for delay, ssors or be deposited to their credit, or to arden Hodge County may be also made in the same manner to lessors to receive the same.
drilled of coyalty of cor gas phe credit sank of the credit state of the credit sank of t	Berea W. Va. 2632 s agreed that the Lessee if for drilling and operators are payment of one (\$1.00 to surrender this lease for surrender this leave for surrender this le	is to have the privilege of us rating thereon at any time (0) Dollar at any time, by the for cancellation, after which a feet and the privilege of us rating thereon at any time (1) Dollar at any time, by the cancellation, after which a feet which a fee	r by check mailed to	a gas well shall be credited upon the first r provided for. All payments for delay, ssors or be deposited to their credit, or to arden Hodge County may be also made in the same manner to lessors to receive the same.
It is excessary pon the right case	Berea W. Va. 2632 s agreed that the Lessee if for drilling and operation of the surrender this lease fie and determine, and the surrender that records	is to have the privilege of us atting thereon at any time to Dollar at any time, by the cancellation, after which a is lease becomes absolutely nutring of a dead of surviving the cancellation of a dead of surviving the cancel at a surviving the cancel atting the c	r by check mailed to	may be also made in the same manner to lessors to receive the same. County may be also made in the same manner to lessors to receive the same.
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drilled of coyalty of coyalty of cor gas phe credit sank of the credit state of the cressary pon the peright call cease Less cover product of the cover prod	Berea W. Va. 2632 s agreed that the Lessee if for drilling and operate payment of one (\$1.00 to surrender this lease fee and determine, and this cors agree that the record ovided, for said last me provelyions of this lease for provelyions of this lease.	is to have the privilege of us atting thereon at any time (0) Dollar at any time, by the for cancellation, after which is lease becomes absolutely nu lation of a deed of surrender tentioned sum and all amour shall be hinding noon the base becomes absoluted.	ing free, sufficient water and gas from the party of the second part, or by its ell payments and liabilities thereafter ll and void. in the proper county, and the mailing its then due hereunder, shall be a furirs, executors, administrators, successible entry of their hands and seals the party of the hereunder and the mailing hand void.	may be also made in the same manner to lessors to receive the same. County may be also made in the same manner to lessors to receive the same. The placed on said premises; and further, successors and assigns it or they shall have to accrue under and by virtue of its terms and in the postoffice of a check, payable as all surrender and termination of this lease. Sors and assigns of the parties have a day and year first, above written. (Seal)

This Instrument Prepared by: Denzil Prother

State of West Virginia			t	o-wit:
Matain 1	of said	County of Re	token	do certify that
	/ge	and Ofal	Hoola	•
			-	
his wife, whose name free	signed to the writing	above bearing date the		day of
m my said county.				
Given under my hand this	A Maria Company of the Company of th	day of Macch		A. D. 1982
Olven under my name en				
		Notary Public 23 ett.	Surgeounty,	Metskee
		My Commission expires	may 1.	5,1991
State of	County of		t	o-wit:
I,				
				do certify that
	,	and		
his wife, whose name	signed to the writing	above bearing date the		day of
in my said county.	A. D. 19	ba	_this day acknowledg	ed the same before me
Given under my hand this		day of		A. D. 19
		Notary Public		
		My Commission expires		
				o-wit:
State of				
1,	of said	County of	A RATE OF THE PARTY OF THE PART	do certify that
3				
his wife, whose name	signed to the writin	g above bearing date the		day of
	A. D. 1	9ha	_this day acknowled	ged the same before me
in my said county.		_day of		A D 19
Given under my hand this		_day or		
		Notary Public	County	
		My Commission expires_		
		10.0		
For and in consideration of the sum of	f One Dollar, cash in ha	and paid, receipt of which is	s hereby acknowledge	d,
hereby assigned, transfer, set over and conv	ey all	right, title to and i	nterest in the within	described oil and ga
lease to		to have and to hold	according to all the t	erms contained therein
Taken, subscribed and sworn to before				
Taken, subscribed and sworn to befor	County	this	day of	A. D. 19
a Notary Public of	County	****	•	
My commission expires	30 m 30 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m	_	Notary Public	
ed the unit				
Re Filed and ac of the Clerk of County, W- 19. at = 19. at = 11.00k No.				
TKI BE R	C D Z Z	Date		Z
Received fo Recorded - In Book admitted k of the Co	Term. Number Number District County			
2 to a different dia di	Ten of er of			
for P	Term, Ten Years. Number of Acres. L District			A
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RECEIVED

NOV 2 2 1982

Static rock pressure_

IV-35 (Rev 8-81)

OIL AND GAS DIVISION WY DEPARTMENT OF MINES



State of Mest Mirginia

Bepartment of Mines Bil und Gas Bivision

Date	Nov. 19, 1982
Operat	
Well N	o. P-7
Farm	Arden Hodge
APT NO	47 - 085 - 5795

(Continue on reverse side)

WELL OPERATOR'S REPORT

	DRILLING, FRACTURING AND/OR STIM	JLATING, C	R PHYSICAL	L CHANGE	e las a second
	Oil / Gas X / Liquid Injection (If "Gas," Production X / Undergrou	and Storag	ge/ Deep	1/ b/ Sha	llow <u> //</u> /)
LOCATION:				D 11	7.1/01
	District: Union County Ritch	nie	Quadrangle	Pullm	an / 1/2
COMPANY_	PRENCO				Office of
ADDRESS	P.O.Box 91, Mineral Wells, WV	Casing	Used in	Left	Cement
DESIGNATE	AGENT Denzil L. Prather	Tubing	Drilling	in Well	fill up Cu. ft.
ADDRESS	Same	Size			to the first
	NER Arden Hodge	20-16		20.00	10
ADDRESS		Cond.		7 257	200
	IGHTS OWNER Same	13-10"		294	surface
ADDRESS		9 5/8		234	Surface
	AS INSPECTOR FOR THIS WORK Sam	8 5/8		0500	The State of the S
	ADDRESS Smithville, WV	7		2590	surface
	SUED 8/2/82	5 1/2			
	OMMENCED 8/11/82	4 1/2		5227	to 7"
		3			
	COMPLETED 8/17/82	2			
CONTINUOUS	ABLE: PLUGGING OF DRY HOLE ON S PROGRESSION FROM DRILLING OR VERBAL PERMISSION OBTAINED	Liners used			
GEOLOGICA	L TARGET FORMATION Devonian shale	(Alexand	er) Dep	th	5500 feet
	n of completed well 5192 feet I			e Tools_	A 1/2 B
Water	r strata depth: Fresh 200 feet;	Salt	feet		
	seam depths: None			ed in the	e area? No
OPEN FLOW	DATA			5140	4400 &
	Alexander, Bradford & ucing formation Speechley		zone dep		
	Initial open flow Mcf/d		itial open	flow	Bbl/d
	Final open flow 400 Mcf/d				
	Time of open flow between init				
Stat	ic rock pressure 670 psig(surface				
	applicable due to multiple completion			0	5/03/2024
the second secon	nd producing formation_			th	feet
	Initial open flow Mcf/d				
Gas:	Final open flow Mcf/d				
	Time of open flow between init			and the second second second	
Ctat	ic rock pressurepsig(surface				
Stat	To Took bressure	and do die	The second second second second		

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

perforated 5124' - 5144' with 40 holes; Alexander:

fractured with 540 MSCF N2.

perforated 4470' - 4480' with 20 holes Bradford:

fractured with 540 MSCF N2.

perforated 3230' - 3396' with 19 holes; Speechley:

fractured with 540 MSCF N2.

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh
TORVETOR COLOR TELE OR BOTT	101 1101		and salt water, coal, oil and gas
Soil	0	12	
Sand	12	230	
Sand & shale	230	649	
Shale	649	657	
Sand & shale	657	755	
	755	790	1
Sand		1073	and the state of the state of the state of
Sand & shale	790		
Sand	1073	1178	
Sand & shale	1178	1337	
Sand	1337	1360	
Sand & shale	1360	1462	
Sand	1462	1550	
Sand & shale	1550	1704	
Sand	1704	1766	
Shale	1766	1860	
Sand	1860	1882	
Silt	1882	1976	
Big Lime	1976	2080	
Big Injun	2080	2092	
Shaly silt	2092	2276	
Weir	2276	2403	
Shaly silt	2403	2437	
Silty shale	2437	2448	
Berea	2448	2449	
Shaly silt	2449	2562	
2nd Berea	2562	2572	
Shaly silt	2572	2644	
Gordon	2644	2653	A STATE OF THE PERSON OF THE PERSON
Shaly silt	2653	2828	
Fifth	2828	2834	The section of the se
Shaly silt &			Service Transfer Francisco (Estre Co
silty shale	2834	5254	T.D.
bitty bitato	200.	0201	

(Attach separate sheets as necessary)

PREN	CO	25	
Wel	1 Operator		
By:	David W. Batter	05/03/2024	•
Date:	Nov. 19, 1982	Geologist	

Regulation 2.02(i) provides as follows: Note:

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

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION

RECEIVED

AUG 1 6 1982

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 83 -3 /93				Oil or	Gas Well
Company Presses		CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address		Size		3 2 2 10 20	
Farm Orden Hodg	0	16			Kind of Packer
Well No Hodge P7		13			
District Inion	County Ref	81/4			Size of
Drilling commenced 8 -//	-82	6%			Depth set
Drilling completed	Total depth	5 3/16			10 mg
Date shotDepth	h of shot	2			Perf. top
Initial open flow/10	oths Water inInch	Liners Used			Perf. top
Open flow after tubing/10	ths Merc. inInch				Perf. bottom
Volume	Cu. Ft.	CASING CEMEN	NTED	_SIZE_	No. FTDate
Cock pressurelbs	hrs.	NAME OF SER			Date
oil	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED A	.TT	FEETINCHES
resh waterfeet_	feet	FEET_	INCHE	S	PEET INCHES
alt waterfeet	feet				TEETINCHES
rillers' Names C.S. Price	- Lueson Com				
ntrolo- Clint Hus	A Rig#5	- jus war	terop,	Pusher	& Barton
emarks: Ran 295	11 of 95	asing		Nodne	Boston
emarks: Ran 299 used 100	socks cem	rent	- Hallis	durton	

8-12-82

Samuel 71, 95103/2024

OIL AND GAS DIVISION WIVES

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No.				Wel	l No		
COMPANY			ADDRESS				
FARM	COUNTY						
Filling Material Used							
				The state of the s	4		
Liner Los	ation	Amount	Packer	Location			
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	
				5			
					4.		
The second secon						-	
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and the second s							
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	W						
rillers' Names		, , , , , , , , , , , , , , , , , , , ,					
emarks:		-12				-	
cines ag.				* *			
DATE	I hereby certify I	visited the above	e well on this date.				

05/03/2024

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



AUG 2 3 1982

OIL AND GAS DIVISION WYDEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

10.85-5795			Oil or	Gas Well
Prenes	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
	Size		- x x	A STATE OF THE STATE OF THE STATE OF
Orden Hodge	16	B 170 + 2 100		Kind of Packer
Holas P-7	13	San		Entered Arthur Law Control Control
Esnion County Rit	10			Size of
ommenced 8-//-82	65%			Depth set
	5 3/16			a company of the second
mpleted 8 -17-82 Total depth 52 5	3	Care I manufacture		Perf. top
Depth of shot	2			Perf. bottom
n flow/10ths Water in	Inch Liners Used			Perf. top
fter tubing/10ths Merc. inI	nch			Perf. bottom
Cu. sure lbs. bbls., 1st 24 l	hrs. NAME OF SERV	VICE COMPAI	NY	No. FTD:
erfeetf				FEETINCH
	eet FEET_			FEETINCHI
ames C.S. Price - Iveson octor = Clint Hurt	Coon - Fred &	Watern tool Pa	-911:0	Vian Die
on 8-15-82 Ran 25	89 'y 7" a	sing u	y Dari	os socks cen
color = Clent Hert 1 on 8-15-82 Ran 25 Comented by Hallidon Finish hale on 8-17	7 00	? of 5		

Samuel M.

DISTRICT WELL INSPECTOR

OIL AND CAS DIVISION

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No.				Wel	II No		
COMPANY			ADDRESS		and the second		
FARM	DISTRICTCOUNTY						
'illing Material Used	The District of the State of th					875.50	
iner Loc	ation	Amount	Packer	Location	- 3- 3-		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	
					9		
					- v - v	Y men	
in in the second			8192		altide (18)	$t_{2ij} = v^{ij}$	
				1		370	
		CONT. NO.					
	7. 4380						
			a comband to the state of				
rillers' Names						To see an a special contract of the second	
illers' Names		T.		7	and the second		
marks:							
			The Market of	2 21 22 2			
	*						
		and the same					
DAYE	hereby certify I vi	sited the above	well on this date.				

05/03/2024





State of West Birginia

OIL & GAS DIVISION

Bepartment of Mines Wil and Gas Bivision DEPT. OF MINES

Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT

COMPANY PRENCO	PERMIT NO <u>47-085-5795</u>
	FARM & WELL NO HODGE / HODGE P
	DIST. & COUNTY UNION / RITCHIE
RULE DESCRIPTION	IN COMPLIANCE YES NO
Notification Prior to Starting Work Prepared before Drilling to Prevent High-Pressure Drilling Required Permits at Wellsite Adequate Fresh Water Casing Adequate Coal Casing Adequate Production Casing Adequate Cement Strenght Cement Type Adequate Access Roads Necessary Equipment to Prevent Waste Reclaimed Drilling Pits No Surface or Underground Pollution Requirements for Production & Gather Held Records on Site Well Records Filed T.05 Identification Markings	e Waste
I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND	RECOMMEND THAT IT BE RELEASED: SIGNED Samuel M. Howman DATE 6-17-85
Your well record was received and reclamation with Chapter 22, Article 4, Section 2, the about coverage for the life of the well.	

TMS/nw

£ 70

July 1, 1985

