FORM IV-2 (Obverse)	STATE OF WE DEPARTMENT OF MINES,	ST VIRGINIA OIL AND GAS DIVISION	Date:January 21, 1
[08-78]	OIL AND GAS WELL	PERMIT APPLICATION	Operator's J-405
WELL TYPE: 011			API Well No. 47 - 083-0421 State County Pe:
(If "Ga LOCATION: Elevati	as", Production \times / Undergro	und storage/ De: Big Laurel Run	ep/ Shellow_X_/)
	ct: Roaring Creek County:		
WELL OPERATOR	J & J Enterprises, Inc.	DESIGNATED AGENT	H.L. Barnett
Address	P.O. Box 48	Address	
	Buckhannon, WV 26201		Buckhannon, WV 26201
OIL & GAS ROYALTY OWNER Ma	rtha King	COAL OPERATOR	
	411 Grandview		None
·	Pittsburgh, Pa. 15208		
Acreage 10 SURFACE OWNER C		COAL OWNER(S) WITH	H DECLARATION ON RECORD:
Address	oute # 2, Box 18	Address 141	
	oalton, WV 26257		ittsburgh, Pa. 15208
Acresice 103	.5	Name None	
FIELD SALE (1F MADE Unknown) TO:	Address	
		COAL LESSEE WITH D	ESPARATION ON PESCHOLIN
OIL & GAS INSPECTOR Name Rober	TO BE NOTIFIED t Stewart	Address	JAN 2 2 1981
Address P.O	. Box 345		
J;	ane LEw, WV 26378		OIL & GAS DIVISION

DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___/ lease ___/ other contract _x / dated ___ 8/1 undersigned well operator from _____ Clarence W. Mutschelknaus [If said deed, lease, or other contract has been recorded:] 8/29, 19 79, in the office of the Clerk of the County Commission of Randolph County, West Virginia, in lease Book 110 at page 488. A permit is requested as follows: PROPOSED WORK: Drill x / Drill deeper__/ Redrill__/ Fracture or stimulate__ Plug off old formation___/ Perforate new formation_ Other physical change in well (specify)

-- planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Gode \$ 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this 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, coal owner(s), and coal leaseon or before the day of the mailing or delivery of this Permit Application to the Derogram 2024 Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA DIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHARLESTON, WY 25311

TELEPHONE: (304) 348-3092

BLANKET BOND

Enterprises, Inc. Well Operator

Geologist

[08-78]

PROPOSED WORK ORDER

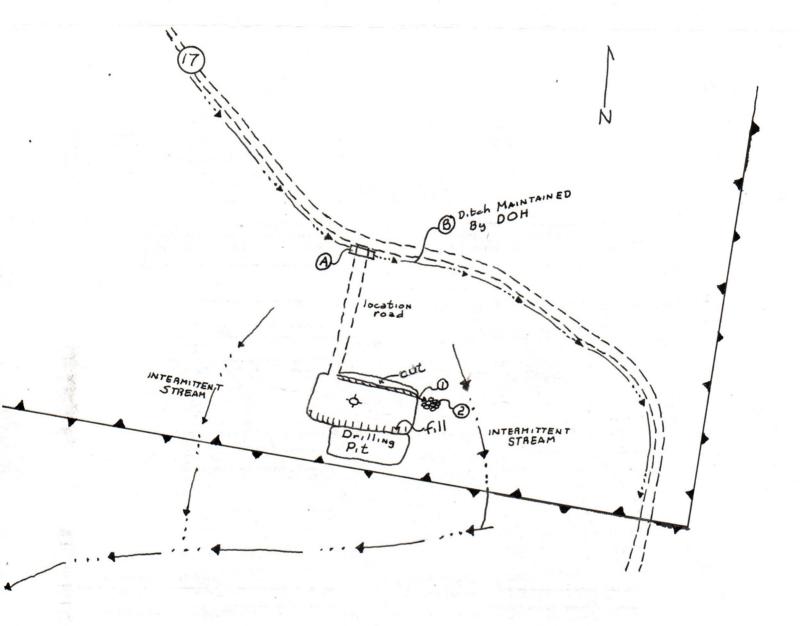
THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

						Jack Drill Box 48				
				ure			on, WV 2620	1		
					N 61	Haverty				
									Cable tools	
								feet.		×
Approxi	mate co	oal se	am dept	ns: _	200	15 1	coal being mi	neo in the area): Ye3	1.
CASING AND T	UBING	PROGRA	М							
CASING OR TUBING TYPE	11		INCTAIL	1	1	FOOTAGE T	THE RESERVE OF THE PARK THE PA	CEMENT FILL-US OR SACKS (Cubic feet)	PACKE!	RS
Conductor	113/4		42	x		30	30	0 sks.	Kinds	
Fresh water	8 5/8		23	х		1100	1100	to surface		
Coal	8 5/8	ERW	23	X		1100	1100	to surface	Sices	
Intermediate										
Production	4 1/2	J-55	10.5	х		5450	5450	500 sks	Depths set	
Tubing										
Liners				-					Perforations:	
				-	0,0,4				Top	Bottor
							4			
Form	IV-2 m	ust be	filai	with	the D	epartment, ac	companied by	e original and (i) a plat in	the form rreser	ibel
Form by Ro there appli previ the a 200 f This provi of the W ford operation	JV-2 m gulati of the cable cously onsent cet of AMMacul ted as sions be v. Va. C	separation of comments of the paid of comments of the paid of the	filed (ii) a securi reclam n the s red by reposed ate For correction the accordance location This	with bond ty all ation came well well water permit	the D in oo lowed requ cil. \$ 22-4 2 shall V-2 Chapt shall e	epartment, acone of the form by Code § 22 ired by Code the fee required from the linet be required from the fitted in connection er 22, proved	companied by ms prescriber 4-2, (iii) \$ 22-4-12b at red by Code cuner of any aired for fraft the work for	(i) a plat in d by Regulation Form IV-9, "Record Regulation 2 \$ 2:-4-12a, and water well or ecturing or stire which a remainder."	the form preser 12, or in lieu lamation Plan",	: Te,
Form by Ro there appli previ the co 200 f This ere is no All provi of the W ford operation	JV-2 m gulati gulati fof the cable cousty onsent cet of led as sions be v. Va. C rillin s have r could counded to be no unde	separate of comments of the price of comments of the price of the pric	filed (ii) a securi reclan n the s red by repased ate For or of Stan on the accordance location This renced by vainer who he d with	with bond ty all attion code well well form ce with is her permit vision	the D in o lowed requ cil. S 22-6 2 shall VIV-2 Chapped shall e 6-83	epartment, accept the form by Code § 22 ired by Code § 22 ired by Code the fee required from the fee required from the fee required in connectified in connect	companied by ms prescribes -4-2, (iii) § 22-4-12b as red by Code coner of any cired for fraction therewal execution therewal execution there are under Code receipt them	(i) a plat in d by Regulation Form IV-9, "Recomd Regulation 2 \$ 22-4-12a, and water well or acturing or sting which a permit with. **Torand by any 5 23-4-20, if cof:	the form preser 12, or in liculamation Plan", 3, (iv) unless (v) if amplicaduelling with full tis sought an end owner the permit	is well
Form by Ro there appli previ the c 200 f This provi of the W ford operation This provi of the W ford operation the work provi the	JV-2 m gulati gulati fof the cable cable cable cously onsent cet of red as sions be v. Va. C rillin s have r y Directo for coal c to be sexami on, the opposed	separation of comments of the price of the p	filed (ii) a securi reclam n the s red by reposed ate For on the accordance location This renced by vainare who he d with	with bond ty all attions are well well well form to well wisher permit to the control of the con	chapeby ap shall end of the man o	epartment, acone of the form by Code § 22 ired by Code § 22 ired by Code (he fee required from the fee required from connection from the fee required from the feet of the	companied by ms prescribes 4-2, (iii) \$ 22-4-12b as red by Code cuner of any aired for frost the work for estion therewal executor there are mine man. The man are mine man. The well well as the well	(i) a plat in d by Regulation Form IV-9, "Recommon Regulation 2 \$ 22-4-12a, and water well or exturing or stime which a permit with. See/ of the exists which a fee/ of the undersioned and the content of the	the form preser 12, or in liculamation Plan", 3, (iv) unless (v) if amplicating with first sought an a well it is sought an coal owner the permit	is well of the lon to
Form by Ro there appli previ the c 200 f This provi of the W ford operation This provi of the W ford operation the work provi the	JV-2 m gulati gulati fof the cable cable cable cously onsent cet of red as sions be v. Va. C rillin s have r y Directo for coal c to be sexami on, the opposed	separation of comments of the price of the p	filed (ii) a securi reclam n the s red by reposed ate For on the accordance location This renced by vainare who he d with	with bond ty all attions are well well well form to well wisher permit to the control of the con	chapeby ap shall end of the man o	epartment, acone of the form by Code § 22 ired by Code § 22 ired by Code (he fee required from the fee required from connection from the fee required from the feet of the	companied by ms prescribes 4-2, (iii) \$ 22-4-12b as red by Code cuner of any aired for frost the work for estion therewal executor there are mine man. The man are mine man. The well well as the well	(i) a plat in d by Regulation Form IV-9, "Recommon Regulation 2 \$ 22-4-12a, and water well or exturing or stime which a permit of the control of the exists which a fee one rator has control of the cont	the form preser 12, or in liculanation Plan", 3, (iv) unless (v) if amplication with decling with an a well it is sought an the permit coal under the vers the area of has no object emplied with all male with all median and the coal under the permit of th	is well of the lon to
Form by Ro there appli previ the c 200 f This provi of the W ford operation This provi of the W ford operation the work provi the	JV-2 m gulati gulati fof the cable cable cable cously onsent cet of red as sions be v. Va. C rillin s have r y Directo for coal c to be sexami on, the opposed	separation of comments of the price of the p	filed (ii) a securi reclam n the s red by reposed ate For on the accordance location This renced by vainare who he d with	with bond ty all attions are well well well form to well wisher permit to the control of the con	chapeby ap shall end of the man o	epartment, acone of the form by Code § 22 ired by Code § 22 ired by Code (he fee required from the fee required from connection from the fee required from the feet of the	companied by ms prescribes 4-2, (iii) \$ 22-4-12b as red by Code cuner of any aired for frost the work for estion therewal executor there are mine man. The man are mine man. The well well as the well	(i) a plat in d by Regulation Form IV-9, "Recommon Regulation 2 \$ 22-4-12a, and water well or exturing or stime which a permit of the control of the exists which a fee one rator has control of the cont	the form preser 12, or in liculanation Plan", 3, (iv) unless (v) if amplication with decling with an a well it is sought an the permit coal under the vers the area of has no object emplied with all male with all median and the coal under the permit of th	is well of the lon to

Well Site Plan

 Diversion
Spring O
Wet Spot
Building
Drain Pipe
Waterway

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



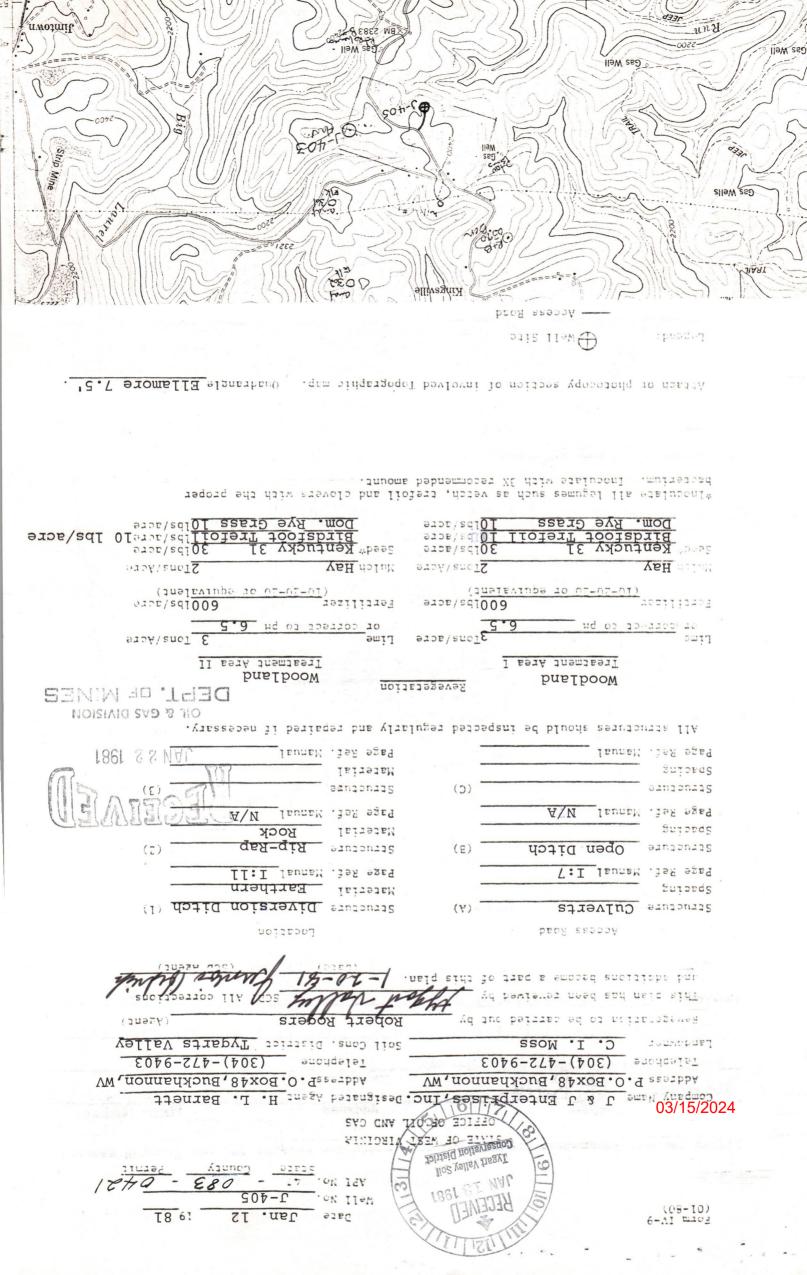
Comments: Access road slope is less than 5%--Any timber cut will be stacked--Cuts and fill will be on a 2:1 slope or less-- Location is fairly flat, cuts will be minimal.

Signature: P.O. Box 48, Buckhannon, WV (304)-472-9403

Address

Phone Number

Please request landowners cooperation to protect new seeding for one growing season.



Cem Cp

FORM IV-35 (Reverse)

[67-86]

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STITULATING, PHYSICAL SHANGE, ETC.

Haverty:Perfs: 5016-24 (13 holes) Fracturing:130 sks. 80/100 sand: 320 sks. 20/40 sand: 400 Bbls. fluid.

lst, 2nd, & 3rd Elk: Perforations : 4106-4640 (15 holes)
Fracturing: 500 gal. Acid: 200 sks. 80/100 sand: 500 sks. 20/40 sand: 600 Bbls. fluid.

Benson & Riley: Perforations: 3695-3829 (17 holes)
Fracturing: 500 gal. Acid: 200 sks. 80/100 sand: 500 sks. 20/40 sand:
600 Bbls. fluid.

*E11 103

		Hard or		Bottom	Remarks Including indication of all freen
FORMATION	Color	Soft	Too Feet	Feet	and salt water, soal, sil and gas
Top soil & clay			0	25	* 46 46
Sand			25	85	½" stream @ 150'
Sand & shale			85	110	
Coal			110	114	Gas ck @ 1756 No show
Shale			114	125	Gas ck @ 2438 6/10-4" w.water
Coal			125	126	1,152 cu.ft.
Sand & shale			126	160	
Coal			160	162	Gas ck @ 3644 6/10-14" w/water
Sand & shale			162	180	1,152 cu.ft.
Coal			180	182	Gas ck @ 3922 18/10-14" w/wate
Sand & shale		2	182	400	1,996 cu.ft.
Coal			400	405	2,333 341231
Sand & shale		1	405	630	Gas ck @ 4293 22/10 4" w/wate
White sand			630	700	2,207 cu.ft.
Black shale			700	735	1
Sand, shale & red roc	k		735	1010	Gas ck @ 4694 20/10-4" w/wat
Sand, shale & red roc			1010	1345	2,104 cu_ft.
Big Lime		9	1345	1495	
Injun			1495	1600	
Sand & shale			1600	2000	
Sand & shale			2000	2600	
Sand & shale		*	2600	3695	
Benson & Riley			3695	3870	
Sand & shale			3870	4100	
1st, 2nd & 3rd. Elk			4100	4640	
Sand & shale			4640	4750	
Sand & shale		-2	4750	5016	
Haverty			5016	5024	
Sand & shale			5024	5526TD	
	1		1	1	

(Attack separate sheets to complete as necessary)

J & J Enterprises, Inc.

Well Doerson

O3/15/2024

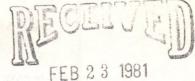
Robert Dahlin

Geologist

NOTE: Regulation 2.32(i) provides as follows:

"The serm 'log' or 'well log' shall mean a systematic, detailed geologial record of all formations, including soal, encountered in the drilling of a well."

Obverse									J-405
08-78,	6					PERATOR'S R		LPT Web 11	o. <u>47</u> - 083 -0421
00-103		DRILLIN	NG, FRA	CTURI	NG AND/	OF OR STIMULAT	TING, OR PHYSIC	AL CHANGE	State County Pers
							100		
YPE: O1	1	/ Gas	x/	Li	quid In	jection	_/ Waste Dis	posal/	
(1	f "Cas	Prod	luction_	X	/ Und	erground st	orage/	Deep/ S:	nellow_X_/)
ON: El	evatio	on: 2	2405		Wate	rshed: Bi	g Laurel Run		
								drangle:	Ellamore
PERATOR		18 19 10 and 10			es, Inc.		DESIGNATED AGEN	Roger Rols	iton
ddress		P.O.	Box 48				Address _	P.O. Box	48
		Buckh	nannon,	WV 2	26201		_	Buckhanno	on, WV 26201
TTED WORL									ture or stimulate X
	Pl	ng.off	old tor	matic	on/	Perfora	te new formation	on/	
	Ct	her phy	sical c	hange	e in wel	l (specify)		······································
		· · ·		9		:			
T ISSUEI	ON	1/2	22			31	OTI & GAS THE	ECTOR FOR THIS	VORK:
						_ ;	Name Robe		PURIC.
CONTINUO	OUS PRO	GRESSIC	ON FROM	DRIL	LING OR		Name	P.O. Box 345	
REWORKIN					TAINED			Jane Lew, W	
			, 19	-	Намел	rty	_		
OGICAL TA					,		· .		5-5024 See-
Depth of	compl	leted w	ell,	5	526 r	eet Rot	tary X / Ca	able Tools	- 61.96
Water st	trata d	depth:	Fresh, -82,400	15	O feet;	salt,	O feet.		
Coal sea	am dept	thsfl0-	14,125-	26,1	60-62	Is coal be	eing mined in	the area? No	•
Work was	s comme	enced	2/	19		, 19 81 ,	and completed	2/25	, 19 81
		1.000							
NG AND T	UBING	PROGRAM							. 4
NG TYPE		SPECI	FICATION Weight	INS -	,	FOOTAGE	INTERVALS .	CEMENT FILL-UP	PACKERS
NG TITE	Size	Grade	per ft	New	Used F	or drilling	Left in well	(Cubic feet)	
uctor	113/4	H-40	42	x ·		0	0	0 sks.	Kinds
h water	8 5/8	ERW	23	x		927.65	927.65	260 sks.	
	8 5/8	1	23	x		927.65	927.65	260 sks.	Sizes
rmedizte									
	41/2	J-55	10.5	x		5329.6	5329.6	295 sks.	Depths set
						e mi			1
חק	1						100 FOR		Perforations:
75	1						THE STATE OF	50 50	
							1 18/1	0 1001	3695 3829
	11						IVAY	8 1981	4106 4132 4443 4445
							1	GAS DIVISION	4638 4640
FLOW DA	74						DEET	OF WILL	5016 . 5024
		3 * 0 7		Нах	zertv				h 5016-5024
								open flow,	
	-								
Combine	ed r							open flow,	
						The state of the state of		sts. 4 hour	
		'					e messurement)	after 96 ho	
if cp;	olicabi	le due	to mult	iple	comple:	ion]			3695-3829 4106-4132 4443-4445
Second	produc	ing so	-=ation	Bens	son, Ril	ley, 1st, 2	2nd & 3rd Elk	Pay zone dept	th ₄₆₃₈₋₄₆₄₀ 1e
C								open flow, _	·
	F	inal op	en flow			Mcs/d	Final	cpen flow,	B51/d
								sts hour	
	12110							after he	



INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

DEPT. DFOIGH WEILED

Permit No. 083-042/ Leftin CABING AND COMPANY JYJ ENTERPRISES Well Size Address Buc. KHANNON C.1. MOSS Well No 5-405 District CHEING CREEK County PANDOIPH Drilling commenced 2-18-8 Drilling completed _____ Total depth_ Date shot______ Depth of shot__ Liners Used In:tial open flow______/10ths Water in____Inch _ Post but m _ Open flow after tubing /10ths Merc. in Inch CASING CEMENTED SIZE No FT Date NAME OF SERVICE COMPANY COAL WAS ENCOUNTERED AT_____FEET____INCHES bbls., 1st 21 his. FEET INCHES FEET INCHES feet feet_ FEET INCHES FEET INCHES feet feet_ SiWI JACK Ki6 20

Remarks:

nove RiG. SRD

Robert Sten

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

			ADDRESS		5.03
MPANY	e confession as electrical regulation from the correlation of the company above defined as		and the second s		
RM		DISTRICT		OUNTY	
and and the state of the substitute that reported the section of t		A Second Second			
ing Material Used					
er Loc	ation	Amount	Packer	Location	
	20 AND -			CASING AND	TUDING
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASING AND	-
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED SIZE	LOS
NUMBER OF SECURE AND ADDRESS OF THE SECURE OF THE SEC		1			1
				The state of the s	
una communicación de mante de communicación de communicac					
					San Stranger
ACCESS AND ACCESS OF THE ACCES		- Louis and Control of the Control o			
	3-				-
ин на пред СС 1886 1888 до довет пост посторателен, не и напримерание и потращен образование и дентигно дентигно дентигно на посторат на посто					
					1
refreshment of the control of the co					
All the same of th					
		1			
CONTRACTOR OF THE PROPERTY OF			(t)		The state of
		1			
			And department of the state of		
	A constitution of the second o				
CANADA MININANDA DA CANADA CAN	and the second of the second s				
illers' Names				-	
Control of the Contro					
marks:					

03/15/2024

Parmie No 083-042/

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

					r Gas Well Co	
Company FUT ENTER PRISES		CASING AND TUBING	USED IN DRILLING	LEFT IN	PAGI	KERS
Address Buck Agricon		Size				
Farm Cili Moss		16			Kind of Pac	eker
Well No. 5-405		13			Size of	and the second second second
District ROARWG CREEK County RANDO	PH	81/4			Size of	
Drilling commenced 2-8/		65/8			_ Depth set_	
Drilling completedTotal depth		3 16	PAR	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Perf. top	
Date shotDepth of shot	Meridan de Maria de M	2	10001	V LS LUI	Perf. botton	
nitial open flow/10ths Water in	Inch	Liners Used	DEC 17	DIVISION	Perf. top	
Open flow after tubing/10ths Merc. in	Inch		WY DEPARTME	NT OF MINES	Perf. botton	n
/olume	.Cu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressurelbs	hrs.	NAME OF SER	RVICE COMPA	ANY		1
bbls., 1st	24 hrs.	COAL WAS EN	NCOUNTERED	AT	_FEET	INCHES
resh_waterfeet	feet	FEET	INCE	HES	_FEET	INCHES
alt waterfeet	feet	FEET	INCE	HES	_FEET	INCHES
Prillers' Names						
emarks: D. K. To Releas	e					

Robert Steman 511

12-15-81

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No.	Permit No						
COMPANY			ADDRESS				
FARM		DISTRICT.	C	OUNTY			
Filling Material Used							
Liner Loc	cation	Amount	Packer	Location			
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST	
			4/4/4/4/4				
Maria de la companya			**************************************				
						e me enti	
		(2) (2) (3) (4) (5) (4) (5) (5) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6					
					- constant		
	1001 \ 1				97	* 10 00	
manage with the control of the	400 Special Control (1997)	280 VAV			gradin) s	the witter	
en est	200					and the second	
84117/444							
Prillers' Names							
2.3.107/1							
Remarks:						· · · · · · · · · · · · · · · · · · ·	
Andrew Control of the							

PARTICIPANTS:	BUYER-SELLER CO
VELL OPERATOR:	009480
FIRST PURCHASER: Tetro Lewis Corp	014876
OTHER:	
W. Va. Department of Mines, Oil & Gas Division WELL DETERMINATION FILE NUMBER CK map 1300' letio-lewis Feth lewis T-403 (38	•
81-08-03 -103 - 083 = 0421 Deflered for BIP cate	ulation
Usa Above File Number on all Communications Relating to Determination of this Well Zualifies	Thuzay
CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING	
1. FERC -121 Items not completed - Line No. 7.0 C	P
2. IV-1 Agent James R Willott	1.0 C
3. IV-2 Well Permit V	
4. 'IV-6 Well Plat	
5. IV-35 Well RecordDrilling Deeper	ning
6. IV-36 Gas-Oil Test: Gas Only Was Oil Produced?	
7. IV-39 Annual Production	Katlo
8. IV-40 90 day Production Days off line:	
9. IV-48 Application for certification. Complete?	
10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete?	Affidania Ci
18-28. Other: Survey Logs Geological Chamber	
Structure Map 1: 4000 Map Well	Tabulations
(5) Date commenced: 2-19-81 Date completed 2-25-81 Deep	
(5) Production Depth: 5016-5024	pened
(5) Production Formation: Havenly	
(5) Final Open Flow: 802 mgf	
(5) After Frac. R. P. 1400 # 96 hrs	
(6) Other Gas Test:	
(7) Avg. Daily Gas from Annual Production:	
(8) Avg. Daily Gas from 90-day ending w/1-120 days	
(8) Line Pressure:	
(5) Oil Production: From Completion Report	PSIG from Daily Repor
0-17. Does lease inventory indicate enhanced recovery being done	
0-17. Is affidavit signed?	
oes official well record with the Department confirm the submitted informat	• _
dditional information Does computer program confirm?	03/15/2024
as Determination Objected to By Whom?	00/10/2024
o anom:	
	HH

STATE OF WEST VIRGINI	A
-----------------------	---

DEPARTMENT OF MINES, OIL AND CAS DIVISION

Date	. 19
Operator's Well No.	J. 465
API Well No. 47 - State	083 - 20421 County Permit

WEL	L CLASSIFICATION FORM
NEW O	NSHORE PRODUCTION WELL
	GPA Section 103
	DESIGNATED AGENT James R. Willett
.,	ADDRESS S.W. Jack Drilling Company
	Box 48 Buckhannon, W. VA. 26201
WELL OPERATOR T & T Enterprises	
WELL OPERATOR J & J Enterprises,	
P. O. Box 697 Indiana, PA 1570	1 Dist. ROBERT County KANDOLPH Quad. ELLA,
ADDRESS PURCHASER <u>Petro-Lewis Corp</u>	Cas Purchase Contract No.
Denver, Col. 80	Meter Chart Code
	ZUI Date of Contract
* * * * * *	* * * * * * * * * * *
Date surface drilling was begun:	2-19-31
Indicate the bottom hole pressure of t	he well and explain how this was calculated:
Rock Pressure: 1400 #	
Noon Tressare. 7700	Well was shut in several days after treatment and pressure was measured
	with a spring gauge.
	AFFIDAVIT -
James H McFlwa	in having been first sworn according to law store that this determination is sought was begun on or after February Months
1977; the well satisfies applicable standing in existence a victor of the standing in existence are servoir from which gas is or will be in commercial quantities or on which su was capable of producing gas in commercial the best of my information, knowledge of the best of my information.	ate or federal well spacing requirements and the well is not at the time surface drilling began, which was applicable to the produced and which applied to any other well producing was urface drilling began on or after February 19, 1977, and which cial quantities. I state, further, that I have concluded, to and belief, that the well for which this determination is sought that I am not aware of any information not described in the
	James H. Michan
	A The Olivan
	1
STATE OF WEST VIRGINIA.	
COUNTY OF <u>Indiana</u> . TO WIT:	
I. Vicki Vanderber	g a Notary Public in and for the state and county aforesaid.
o certify that J.H. MCElwain . w	hose name is signed to the writing above, bearing date
he day of getter . 19 1	, has acknowledged the same before re, in my county aforesaid.
Civen under my hand and of	ficial seal this day of
My XXXXXXXXXXXX expires	on the 23 day of January . 19 84.
Commission	
NOTARIAL SEAL]	MICKLE VANDERSERG HOTES - S.
	Notary Publice 03/15/2024
pf=Pwe XGLS	
$P_{W}=1400 e=2.72 x = \frac{1}{53.35T}$	$= \frac{1}{53.35} \times (559.7) = \frac{1}{29850} = 0.0000335$
	459.7 T=559.7 x= 0.0000335 G=0.593 L=4360 S=0.9

Pf=1400 2.72 (0.0000335) (0.593) (4360) (0.9) =1400 2.72 (0.078) =1400 x 1.08=1512 Pf=1512

1.0 API well number: (If not assigned, leave blank, 14 digits.)	47_	083_ 042	1_0000	4.13	
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	Section	10-3	N/A Category Code	0	IL & CAS DIVISID
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)		5024	_feet		T. OF MIN
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name PC Street	& J Enter Box 697 diana		A 1570 State Zip Code	- 1
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Field Nar	paring Cre	ek	WVA State	-
(b) For OCS wells:	Area Nan	Date of Le		Block Number OCS Lease Number	
(c) Name and identification number of this well: (35 letters and digits maximum.)	J-	-405		•	
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	N/	/A .			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Pe	etro-Lewis	Corporati	.on	Buyer Code
(b) Date of the contract:			Mo. Day	Yr.	
(c) Estimated total annual production from the well:				Million Cu	bic Feet
-		(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	\$/MMBTU	2 4 7 6	2 7 8		2 7 5 4
3.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	\$/ммвти	2.4.7.6	2 7 8		2 7 5 4
Agency Use Only Date Received by REA981	Signature 7	Chard J. Pucha /29/81	23.K	Secritile Title 2) 349-680 Phone Number	cetary

FT7900806/2-2