



1) Date: November 29 , 19 84

2) Operator's UK-1135

3) API Well No. 47 - 017 - 3403

State County Permit

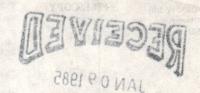
### OIL & GAS DIV. DEPT. OF MINES

## STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION APPLICATION FOR A WELL WORK PERMIT

4) WELLT						WAY IN				er viji Nic	icjat
		(If "Gas",	Production	on/	\	/ Undergr	round sto	orage	/ Deep	_/ Shallow	_X_/)
5) LOCATI		levation:	100	)			ed:	Long Run		- Table 1	
			Centra			County:		Ooddridge			
6) WELL O	PERATOR		J En	terpr	rises,	Inc.	7	) DESIGNATED	AGENTRic		decliff
Addre		.0. Box				150		Address	P.O. Box	48	
	B	uckhanr	ion, W	V 262	201	2413			Buckhann	ion, WV 2	5201
8) OIL & G				FIED	0		9	) DRILLING CO	NTRACTOR:		
Name _	Mike I	Inderwo	ood					Name	S.W. Jack Dr	illing Co	0.
Addre		Rt. 2 E						Address	P.O. Box 48		
		Salem,	WV 264	126					Buckhannon,	WV 26201	
10) PROPOS	ED WELL	WORK:	Drill	X	_/ Dril	deeper		/ Redrill		Χ /	
								e new formation_			
						n well (specify					
11) GEOLOG	GICAL TAI	RGET FOR		Age 27 has been a			,,				
	nated depth				500'	uc.	feet				4
	oximate tra					feet;	THE RESERVE OF THE PARTY OF THE	N/A			
	oximate co				/A			9 200 7	feet.		V
15) CASING				· ·	/ A		_Is coal	being mined in the	area? Yes	/ No	/
	AND TUB										
CASING OR TUBING TYPE		SPEC	Weight	S		FOO	TAGE INT	TERVALS	OR SACKS	PACI	CERS
	Size	Grade	per ft.	New	Used	Fordrilling		Left in well	(Cubic feet)	1	
Conductor	11 3/4			X		203-30			O Sacks CT.	Kinds 4	uleis.o
Fresh water	8 5/8		23	X		* X X X			To Surface	/	
Coal	8 5/8	B ERW	23	X		* 105	1405	XXQ\\$1405	To Surface	Sizes	
Intermediate	1 41	1	10.5					2.00			W W
Production	41/2	J-55	10.5	X		5500		5450	300 Sacks	Depths set	ar Francis
Tubing				***************************************		Witness S	1 5 1	Tell and the second	or as requir	ed by ru	le 15-01
Liners									4 - 4 - 4 - 10 - 2 - 10 - 10 - 10 - 10 - 10 - 10	Perforations:	
										Тор	Bottom
					CASE SA	Strategy St.			2 400Chro.1 per 0	The Page	19 1289 2011
									1	45-7-17	
								400,000			
100 July 100			100			OFFICE U	SE ON	NLY		W. Berla	amazouan A
						DRILLING	PER	MIT		No. 2 No. 2 No. 2 No. 2	
		47-017	7-3/03							(auto)	a after in 115 MV
ermit number		47 017	3403							iary 29,	19 85
T.:									Dat		
nis permit cov	ering the w	onditions	or and wel	l locatio	on shown	below is evid	ence of	permission granted	to drill in accordan	ce with the per	tinent legal re-
o. 8) Prior to	the constru	ction of ro	ads. locati	ons and	nits for	any permitted	OI. Notif	ication must be given addition the well	en to the District Oil operator or his control	and Gas Inspe	ctor, (Refer to
istrict oil and	gas inspecto	or 24 hours	before ac	tual pe	rmitted w	ork has comn	nenced.)	in addition, the wel	operator of his con-	ractor shall no	tily the proper
he permitted w	ork is as d	escribed in	the Notic	e and A	nnlicatio	n plat and re	clamatic	on plan subject to	any modifications ar	1	10.1
everse hereof.					ppneatio	n, piat, and re	Ciaman	on plan, subject to	any modifications ar	id conditions s	pecified on the
ermit expires .	Jani	lary 29	, 198	7		unles	s well wo	ork is commenced r	prior to that date and	prosecuted with	due diligence
									are to that date and	prosecuted with	due diligence.
Bond:	Agon		Dlat.	Contin		_					
m	Agen		Plat:	Casin	g	Fee	-			1	
82	mi	UM	WI	mi	NI	895	1	2/1	01	1 - 100	
	- 1				1	170	/	MINA	inet ) L	hans	
							/-/	wigo	intrator Office of C	lend 6	2,5921
OTE: Keep	one copy of	this permi	it posted a	t the di	rilling loc	ation.		Aginin	istrator, Office of Oi	and Gas	
											File
48 %		See 1	the reverse	side of	the API	PLICANT'S C	OPY fo	r instructions to th	ne well operator.	05/10/	2024

82 X08 . 0.9 P. 0 A

P.O. Box 48



OFFICE USE ONLY

OIL & GAS DIV.

O WELL OFFICE OF DOX OF

05/10/2024

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

- for as a country of the rule 15-61	OFFICE USE ONLY	2 (1987)
Date Date Date(s)  Date Date(s)  Pollow-up inspection(s)  ell work started """  manufacture of the drilling occess  fell Record received """  THER INSPECTIONS  Reason:		
	Date	Date(s)
Application received	I CHARLETO LE L'ELLE CONTRACTOR	
Well work started	못했다고 있는 아무리는 그 전에 가게 되었다. 그 가지 않는 하게 되었다고 하는 사람들이 하는 것은 것이 되었다. 그는 것은	ermi number 47-017-3403
TO A STREET A PARK IC. SALVE MEDICAL RANGE		
Reclamation completed	e and Application, risk and reclamation plan, subject	is nemal red work if as descended in the Note.  Verse begen
OTHER INSPECTIONS		Moral Specific Plat
Reason:	1115 1882 J. Mind	- HUMARY 28

ber the cerees ofthe of the AFFI CANES COPY for more was to the well operation.

IV-9 (Rev 8-81)

Rec'd. (WFSCD) NOV 2 6 1984



DATE November 16, 1984

WELL NO. JK-1135

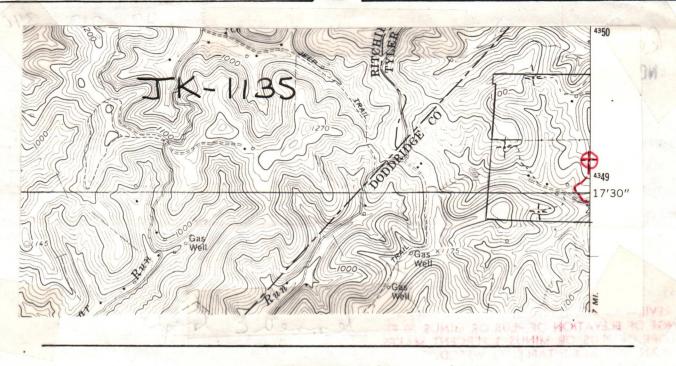
API NO. 47 -017 -3403

### State of Mest Airginia Pepartment of Mines Gil und Gas Pivision

#### CONSTRUCTION AND RECLAMATION PLAN

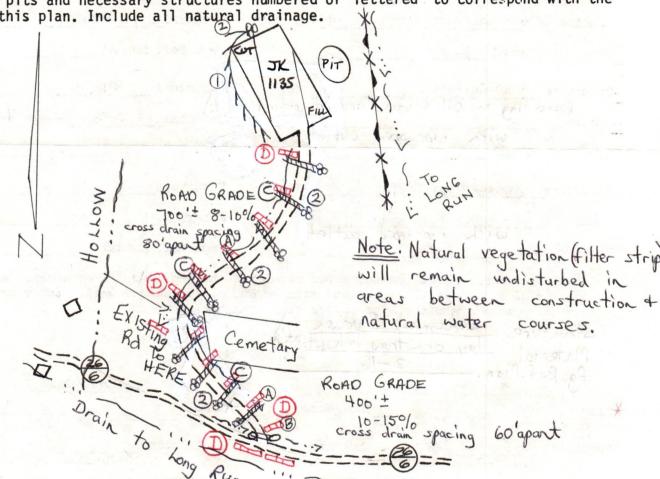
CONSTRUCTION AND RE	CLAMATION PLAN
COMPANY NAME J & J ENTERPRISES, INC.	DESIGNATED AGENT RICHARD M. REDDECLIFF
	Address P.O. BOX 48, BUCKHANNON, WV 26201
Telephone 472 - 9403	Telephone 472 - 9403
LANDOWNER Jerry Nichols	SOIL CONS. DISTRICT West Fork
Revegetation to be carried out by	J & J ENTERPRISES, INC. (Agent)
This plan has been reviewed by Wes	t Fork SOD. All corrections
and additions become a part of this plan:	1 2 85 (Date) 0 1
HIS REVIEW IS MADE FOR SITE AS SHOWN, A HANGE OF ELEVATION OF PLUS OR MINUS 10 FT. R SLOPE OF PLUS OR MINUS 3 PERCENT MAKES HIS PLAN NOT ACCEPTABLE TO WFSCD.	(SCD Agent)
ACCESS ROAD	LOCATION
Structure Drainage Ditch (A)	Structure Diversion Ditch (1)
Spacing To be construct along inside rd. cuts	Material Earthen
Page Ref. Manual 2-12	Page Ref. Manual 2-12
Structure Road Culvert (B)	Structure Rip-Rap (2)
spacing One 16" Spacing One 16"	drains) Material Brush & Logs of Stone
Page Ref. Manual 2-7	Page Ref. Manual N/A
Structure Cross Relief Drains (C)	Structure (3)
Spacing As per table 1 in manual (2-4)	Material
Page Ref. Manual 2-1	Page Ref. Manual
All structures should be inspected regular commercial timber is to be cut and stacked as cut and removed from the site before dirt wor structure  Structure  Material  Pg. Ref. Man.  Treatment Area I	nd all brush and small timber to be rk begins.  ION  Treatment Area II
Atime 3 Tons/acre or correct to pH 6.5	Atime 3 Tons/acre or correct to pH 6.5
Fertilizer 600 lbs/acre (10-20-20 or equivalent)	Fertilizer 600 lbs/acre (10-20-20 or equivalent)
Mulch Hay 2 Tons/acre	Mulch Hay 3 Tons/acre
Seed* KY-31 30 lbs/acre	Seed* KY-31 30 lbs/acre
Annual Rye 10 lbs/acre	Annual Rye 10 lbs/acre
Red Clover 5 1bs/acre	Red Clover 5 lbs/acre
*Inoculate all legumes such as vetch, trefoi Inoculate with 3% recommended amount.	l and clovers with the proper bacterium.
* Lime according to ptt test === "	FEFARED BY Smith Land Surveying 6/2024
COOPERATION to present new	ADDRESS 111 South Street
secting for one growing season.	Glenville, WV 26351
Attach separate sheets as necessary for comments.	FHONE NO. 462 - 5634

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAGHIC MAP. QUADRANGLE Pennsboro 7.5 WELL SITE ACCESS ROAD ———



#### WELL SITE PLAN

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



Drilling pit may vary in location other than that shown on this plan and/or other pits may be added due to soil type, newly discovered water systems, and the encounter of rock when building location

rock when building location.

Access road subject to change between company and land owner, or aquirement of rightof-way. If change is made, a revised reclamation plan will be submitted. All cuts 2:1 slope.
All topsoil to be stockpiled and used in reclamation. All grades for roads and locations as well as sediment structures shown on drawing.

	LEGEND	05/10/2024
DRAIN PIPE 0 ->- 0 ->-	PROPERTY BOUNDARY	
ROAD	EXISTING FENCE -	xxx
DIVERSION	PLANNED FENCE -	
STREAM OPEN DITCH	BUILDING WET SPOT  SPRING	SMITH LAND SURVEYING CO. III SOUTH ST. GLENVILLE, WV. 26351

FORM IV 2(A) Obverse [8-83]

Notary Public, Gilmer State of West Virginia

County,

1)	Date:	November	2
-/	Ducc.	HOVEINDE	_

2) Operator's

,19

Well No. JK-1135

3) API Well No. 47-017-3403

05/10/2024

State County Permit

#### STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMI	TICE	F APPLICATION	1 FOR	A	WELL	WORK	PERMI	T
---	------	---------------	-------	---	------	------	-------	---

4) SU	RFACE OWN	JER(S) OF RECORD	TO I	BE SERVED	5/	i) COAT	ODDDDDDD	
	Name				5 (	Addre:	OPERATOR N/A	
(-)	Address	Jerry L. Nichol Rt. 1	5			Audit e	55	
		Greenwood, WV 2	6361		5(i	i) COAT (	MANIED (C) WITH DECEMBER	
(ii)	Name	dreenwood, wv Z	0300	J	3 (1.	Name	OWNER(S) WITH DECLARATI	ON ON RECO
,	Address						N/A	
	_					Addi		
(iii)				P 5	74 016 1	025		
	Address			DE05107 -				
	_				OR CERTIFIE			
				NO INSURAN NOT FOR I	CE COVERAGE PRINTERNATIONAL I	ROVIDED MAIL	EE WITH DECLARATION N/A	ON RECORD
				(S	ee Reverse)		N/A	-
			4	Sent to			1	
		TO THE PERSON(S) NAM	.0. 1983-403-517	Jer	ry L. Nicl	hols	and the second second	
		(1) The Applica	3-40	Street and No.	1		following documents:	
		to be pluge and describ	198	KL.	1		IV-4 if the well is ag or other work,	
		cementing r (2) The plat (s	0	P.O., State and Z	enwood, W	1 26360	coroposed casing and	
		(3) The Constru	9	Postage	simood, n	1 e	!; and	
		plug a well reclamation	U.S.			37	work is only to ω introl and for	
		THE REASON YOU	*	Certified Fee		75	5	
		WHICH ARE SUMMARIZED (FORM IV-2(B) OR FOR		Special Delivery	F00	13	DING THE APPLICATION	
		ACTION AT ALL.		1			OF THE APPLICATION D TO TAKE ANY	
		Take notice the erator proposes to		Restricted Delive			ersigned well op-	
		for a Well Work Pen Department of Mines		Return Receipt SI to whom and Date	nowing e Delivered	60	mpanying documents	
		and depicted on atta Construction and Rec	1982	Return receipt sho Date, and Address	wing to whom,	00	attached Application	
		by hand to the person before the day of ma	b. 1	Name and Address of the Owner, where the Persons of the Owner, where the Persons of the Owner, where the Owner, which the Owner, where the Owner, where the Owner, which the Owner, where the Owner, which the Own	The Party of the P	-	fied mail or delivered stances) on or	
		6) EXTRACTION RIGHTS	Feb.	TOTAL Postage	1 1	1.72		111
		Check and provide	3800,	Postmark or Date	85			1 !
		Included is th	33	1 1:	100		racts built	
· ·		X The requiremen	Form	- 0	- Silver		racts by which	1 9 27 9 9
		7) ROYALTY PROVISION	S	The same			for specifics.)	1200
		Is the right to extra	ct, F	produce or market	the oil or ga	is based image	1	
		or other contract or for compensation to the to the volume of oil	e own	acts providing f	or flat well r	oyalty or an	y similar provision	
		01 011	or ya	s so extracted,	produced or ma	rketed? Yes	No related	
		If the answer	abov	e is No, nothing	additional is	mandad TC	the answer is Yes,	.0.0
	-	you may use Affidavit	Form	IV-60.	Total 15	needed. If	the answer is Yes,	
		See the reverse s	side	for line item in	-		ctions concerning	
		the required copi	es o	the Notice and	Application,	l for instruction	ctions concerning	
The tr	ruth of th	ne information on	+1-	_			- Land and	
TACETCE	and App	lication is movie	ind	e	WELL			
and DA	our to ar	nd the Notice i-			OPERA!	TOR	& J Enterprises, I	nc
signed	on behal	f of the Wall on	ers	tor	1	7-0	A A	10.
in my	country ar	id State by	-La	WI.	By	Livea	of M. Y cedeler	lik ()
-	Richard	Reddecliff			Its		Designated Agent	40
	8day of	November	,	19 84	Addı	ress	P.O. Box 48	
MY	commissio	n expires 12/7	0 1	19 92	mol.	nhore	Buckhannon, WV 26201	
	Yronan.	. 1 7	7	-	Tete	ephone	472-9403	1

#### 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 § 22-4-1b(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.
  - 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
  - 7) See Code § § 22-4-11(d, e).

#### CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-lk and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-lk(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-la(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

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, 22-4-2, 22-4-2a, and 22-4-2b.

## INFORMATION SUPPLIED UNDER CODE § 22-4-11(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that-

- the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc. Grantee, lessee, etc. Royalty Book Page

W.T. Williamson Hrs. J & J Enterprises, Inc. 2/9 of 1/8 136/266, 136/268

Clarence W. Mutschelknaus interest when produced 7/9 of 1/8



IV-35 (Rev 8-81)



## State of Mest Airginia

Bepariment of Mines Gil and Gas Bivision

Date	October	15,	1985	
Opera Well		JK-	1135	
Farm_	Willia	ms		
ADT N	. 47 -	017	- 3403	)

(Continue on reverse side)

DEPT. OF ENERGY

WELL OPERATOR'S REPORT

OF

DRILLING.	FRACTURING	AND/OR	STIMULATING,	OR	PHYSICAL	CHANGE
The second secon						

CATION: Elevation: 1005 Watershed	Long Run			
District: Central County Dodd	ridge	Quadrangle	Pennsbor	7.5
MPANY J&J Enterprises, Inc.		gelf.	our Chornes II	CRE CTANE
DRESS P.O. Box 48, Buckhannon, WV 26201 SIGNATED AGENT Richard Reddecliff	Casing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
DRESS P.O. Box 48, Buckhannon, WV 26201  DREACE OWNER Jerry L. Nichols	Size 20-16	to popular	21cm 13cm	e vaxe.
DDRESS Rt. # 1, Greenwood, WV 26360	Cond. 13-10"	210.15	210.15	100 sks.
INERAL RIGHTS OWNER W.J. Williamson  ODRESS	9 5/8 8 5/8	1546.45	1545.45	125 sks.
IL AND GAS INSPECTOR FOR THIS WORK Mike Rt. # 2, Box 114  Underwood ADDRESS Salem, WV 26426	7 5 1/2			a vicine
ERMIT ISSUED 1/29/85 RILLING COMMENCED 9/6/85	4 1/2	5948.40	5948.40	390 sks
RILLING COMPLETED 9/15/85	2			
F APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR CEWORKING. VERBAL PERMISSION OBTAINED IN	Liners		-	01.8120 07.110 mm1
POLOGICAL TARGET FORMATION Alexander			th 5159-7	
Depth of completed well 5995 feet			e Tools_	
Water strata depth: Fresh 80,350' feet;				2576
Coal seam depths: None	_ Is coal	being mur	led in th	e area?
PEN FLOW DATA		•		
Producing formation Devonian Shale				
Gas: Initial open flow Mcf/d				
Combined Final open flow 368 Mcf/d				
Time of open flow between ini				
Static rock pressure 1400 psig(surfa				
(If applicable due to multiple completion	nson s Pa	y zone der	4470 4866-	5/10/2024 -68 fe
Control producing formation Movandor Bo	IISOII & FE		0100	
Second producing formation Alexander, Be	011. Tr	ובודוו	1 I C MAI	
Second producing formation Alexander, Be Gas: Initial open flowMcf/d	Oil: Ir	ntial oper	I LIOW_	

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

Devonian Shlae: Perforations: 5796-5802 (16 holes)

Fracturing: 300 sks. 20/40 sand: 437 Bbls. fluid.

Alexander: Perforations: 5159-63 (10 holes) 5173-75 (4 holes) Fracturing: 350 sks. 20/40 sand: 500 gal. acid: 437 Bbls. fluid.

Benson: PErforations: 4866-68 (8 holes)

Fracturing: 250 sks. 20/40 sand: 500 gal. acid: 353 Bbls. fluid.

Riley: Perforations: 4477-81 ( 16 holes)

Fracturing: 200 sks. 20/40 sand: 500 gal. acid: 220 Bbls. fluid. 10 50 40 8000

BOTTOM HOLE PRESSURE Pf=PweXGLS

 $t=60+(0.0075 \times 5948) + 459.7 = 564 \times = \frac{1}{53.35 \times 564} = \frac{1}{30106} = 0.000033 \text{ Pf} = 1400 \times 2.72^{(0.000033)}$ 

 $(0.620)(5140)(0.9) = 1400 \times 2.72^{0.09} = 1400 \times 1.09$ 

Pf=1526 psi

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
lay	0	3	
Shale, red rock & shale	3	30	Damp @ 80'
andy shale	30	80	
andy shale, sand & red rock	80	170	Damp @ 350'
Sandy shale, red rock & shale	170	315	Damp @ 500'
Sand & shale	315	570	Damp e 300
Shale, red rock & sandy shale	570	730	4" stream @ 530'
Sandy shale & red rock	730	870	a" stream @ 530'
Sandy shale & red rock	870	1080	Gas ck @ 2064 No show
Shale & gray sand	1080	1140	ous on a soon in show
Shale & gray sand	1140	1380	Gas ck @ 2353 No show
Gray sand & shale	1380	1810	Cas on a 2555 No Blow
Sand & shale	1810	1840	Gas ck @ 3402 No show
Little lime	1840	1875	
Big Lime & Injun	1875	2040	Gas ck @ 4544 No show
Sandy shale & sand	2040	2290	
Sandy shale & shale	2290	2860	Gas ck @ 4891 No show
Sandy shale	2860	3300	
Sand & sandy shale	3300	4477	Gas ck @ 5208 2/10-1" w/water
Riley	4477	4481	103,000 cu.ft.
Sandy shale & shale	4481	4866	
Benson	4866	4868	or/o/s danswer continue
Sandy shale & shale	4868	5159	Ann and a second a second and a second a second and a second a second and a second a second and a second and a second and a second a second a second a second and
Alexander	5159	5175	- 66/02/V
Sandy shale & shale	5175	5796	total a company of the second of
Devonian Shlae	5796	5802	
Sandy shale	5802	5995	O MODELLA COLLEGE
- Annual Control of the Control of t		T.D.	A CONTRACTOR OF THE CONTRACTOR
		Les distants of	more favore to the second of t
door ald the	Treft 8		The periodopou to the con-
	pie	The Control	dest Hijest catle retire
purpose of the total pared	The state of the s		and refine and (eq.)
			MENT WOLLAND

(Attach separate sheets as necessary)

J&J Enterprises, Inc.

Well Operator

Date: 10/15/85

05/10/2024

Robert Dahlin - Geologist

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 wal, encountered in the drilling of a well."

6-21-85-

### OIL AND GAS WELLS DIVISION

DEPARTMENT OF ENERGID ECE

#### INSPECTOR'S WELL REPORT

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

Mile Undangado

Permit No. 017-3403 Oil or Gas Well\_ (KIND) CASING AND USED IN LEFT IN PACKERS Company J & J ENtengrise's Siza Kind of Packer JERRY Nicholis JR-1134 Size of District CEntant County Dadd 81/4\_ Depth set\_\_\_ Drilling commenced\_ 5 3/16\_\_ Drilling completed\_\_\_\_\_ \_Total depth Perf. top\_\_ \_\_\_\_\_Depth of shot Date shot Perf. bottom\_\_\_ Liners Used\_ Perf. top\_\_ Initial open flow\_\_\_\_\_/10ths Water in \_\_\_ Inch Perf. bottom\_ Open flow after tubing /10ths Merc. in Inch Volume. Cu. Ft. CASING CEMENTED\_\_\_\_ SIZE \_\_\_No. FT\_\_\_\_Date NAME OF SERVICE COMPANY Rock pressure\_ Oil bbls. 1st 24 hrs. COAL WAS ENCOUNTERED AT\_\_\_\_\_FEET\_\_ Fresh water\_ feet FEET INCHES FEET INCHES Salt water. feet FEET INCHES FEET\_ \_INCHES Drillers' Names Status REport -Remarks: Visit Site, ON REQUEST OF LAND OWER, AND PRANCY Album JSJ - Right-of way MAN TO MOVE ROAD ENTAMUSE OIX ROAD TO BE MOVED ON, BEQUEST OF LAND OWER AND Approved plans, as is did not move RoAD that Much

Form 26

# 2/16/82

#### STATE OF WEST VIRGINIA

### DEPARTMENT OF ENERGY

#### OIL AND GAS WELLS DIVISION

### **INSPECTOR'S PLUGGING REPORT**

ermit No. = THE MIS	DEPAI		Well No.					
COMPANY			ADDRESS	10.43				
ARM		DISTRICT	C	OUNTY				
iner L	ocation	Amount	Packer	Loc	ation	MI.		
PLUGS USED	AND DEPTH PLACED		BRIDGES	CASING AND TUBING				
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST		
8 8 8		8 %	high.		Jan 194	137		
	-							
				1 1				
a distriction (15.4)								
	× × ×							
7 g = 2								
Orillers' Names								
Remarks:					ANALONI CONTRACTOR			
DATE	I hereby certify I vis	sited the above wel	l on this date.					
DATE								

## DEPARTMENT OF MINES





Permit No. 017 -3403

DIVISION OF OIL & GAS

				- (KIN	BIVE INT OF ENERGY
Company J 55		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
		Size			A section
Address		10			Kind of Packer
Farm JERRY Nichola	Some and the second sec	16	The same of		Kind of Facker
Well No. Jk-1/35	49 vice 1.3 section	13			Size of
District CENTRAL _	A DESIGNATION OF THE PARTY OF T	81/4			Size of
District	County	65%			Depth set
Drilling commenced					
Drilling completed 9-14-85	Total denth 5995	5 3/16			
Drining completed		3			Perf. top
Date shotDep	oth of shot	2			Perf. bottom
Initial open flow	/104h Water in Took	Liners Used			Perf. top
Initial open now	loths water ininch				Perf. bottom
Open flow after tubing/	10ths Merc. inInch				
V-1	Co. Ft	CACING CENE	Man	CIZE	No. FTDate
Volume	Cu. Ft.	CASING CEME.	NIED	512E	No. F1Date
Rock pressurelb	s,hrs.	NAME OF SEF	RVICE COMPA	NY	
0i1	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEETINCHES
Fresh waterfee	etfeet	FEET	INCH	ES	FEETINCHES
Salt waterfee	etfeet	FEET	INCH	ES	_FEETINCHES
Drillers' Names S. W. J.	ick - Rig 15	5-5	lick-		
	7.0. M	Epont -			
Remarks:		/		,	
Visit Site,	F.D. AND MO	oven -	4.0.5	995	
,		/	PAN 594	9-04 5	Z
		fallin	Ant Cen	uct E).	Sks'?
				0	
9-16-85			Mik	o Una	MAN MOON
DATE			11/000	1100	DISTRICT WELL INSPECTOR

#### **STATE OF WEST VIRGINIA**

#### **DEPARTMENT OF MINES**

#### OIL AND GAS WELLS DIVISION



## INSPECTOR'S PLUGGING REPORT

SION OF OIL & GAS	DEPA		ADDRESS				250 50 4
ARM							
Filling Material Used	NA SECOND						
iner Loc	cation	Amour	nt	Packer	Loc	ation	
PLUGS USED A	ND DEPTH PLACED		BRIDGE	S	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION	N-LOCATION	RECOVERED	SIZE	LOST
				and a	o 5300	-	
				a to select to	Marie Commence		retuge 161
			· · · · · · · · · · · · · · · · · · ·	a eta Mis		girida res	tta Notice
The particular of the control of the							
					1.20		Barriestri J
	La company	MACUCHE C		t			
Orillers' Names	2018 Data	TERM			desil.		Ynlow do
Remarks:							
	I hereby certify I vis	sited the above w	ell on this date.				

#### INSPECTOR'S PERMIT SUMMARY FORM

1-29-85

WELL TYPE Shallow - GAS	-O/L-	API# 47- <u></u>	17 -340	3
ELEVATION / OOS-		OPERATOR JIJ		
DISTRICT CENTRAL		TELEPHONE		
QUADRANGLE PENNEBOLO		FARM JERRY A	vichol's	OIL AND GAS
COUNTY Dodd -		WELL # JIC -		
SURFACE OWNER	COMMI	ENTS	TELEPHO	NEN 1 7 1986
TARGET FORMATION		APPLICATION		
DATE STARTED LOCATION	NOTIFIED_	DR	ILLING COMME	NCED
		MOUNTED FOR		58-9-14
WATER DEPTHS DANG A+ 80,	3 (1 min land	Mit Site		
COAL DEPTHS NO -,		A: 2 7,264		
	CAS	ING		
Ran 2/0' feet of	1134 "pi]		with loo's	fill up H. B
	8 july "pi			
	4½ "pi			
	''pij			
	PLUG	GING		
Type	From	То	Pip	e Removed
			720 01	21.7
Pit Discharge date:	Tyj	pe		
Field analysis	ph	fe	c1	
Well Record received				
Date Released 6-/2-90	,	. 0		
		1///	11.	05/10/2024
		Inspecto	r's signatur	

## API# 47 017 - 3403.

### LIST ALL VISITS FOR THIS PERMIT

DATE	TIME	PURPOSE	COMMENTS	
		- 3/4		
8-13-85		CALLED-IN' - Stan L	i (make	
8-21-85		Visit Site O.K TO	how To mak Acres	Rome
		To the Richt 20	hom to move Access	TO A
9-6-85		MOURNI -OW- R.S		
9-9-85		Visit Site 3/7'	Aus Dusting RAW 119	9-6-85
9-13-85		Vis. 7 5.76, 5494	· Destais -	
9-16-25.		pickED up. T.D.	Report.	
		,	/	
X v	240/	7.16-6	A SW	210
4	2.50	-3-11-6		150051
4 .	5	21-21-6		3001
	1		-3-1/ P	- 17

			Notes
0.1c	20	RRC_	

#### FERC-121

1.0 API well number: (If not available, here cons. 11 digits.)	47-017-3403-0000		
2.0 Type of determination phint southt (Use the codes found on the front of this form )	103 N/A Section of NGPA Category Custs		
3.0 Depth of the area est completion for atom. 40ms, meet out tellions 103 or 107 in 2.0 patients.	5802 feet		
4,0 Name, address and core number of applicant. (35 terrers per tine maximum. If orde number not available, leave plans.)	J & J Enterprises, Inc.  PO Box 697  Indiana PA 15701  C.:. State Zio Con.	009480 Sk***** Cade	
5.0 Location of this si-ii (Complete la) or toil) (a) For unshare vietts (35 letters maximum for finic name.)	Central  Southware Doddridge WVA  State		
(b) For OCS wells:	N/A  Date of Lease:  No. Day Yr. OCS Lease Number		
(c) Name and identification number of this well. (35 letters and digits maximum i	JK-1135		
(a) If code 4 or 5 in 2.0 above, name of the reservoirs (25 letters miximum)	N/A		
6.0 (a) Name and sode number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Purchaser not yet designated	But of Cone	
(b). Date of the contract.	Mo. Day Yr.	i :	
(c) Estimated annual production:	MAIcf		
	1	dr. Total of (a), drawtier	
9 Contract price (As of filing date: Coreplete 1: 3 (lecural praces)			
3.0 Microsom Goda, ede (As at filmy dide Complete to 3 decires places)	3 5 6 5 2 7 8	3 8 4 3	
OCT 18 1985	Richard J. Kline  Secretar  Number  10/17/85  Date reportation is Completed  (412) 349-6300  Fire required 05/1		

## STATE OF WEST VIRGINIA Dep 52 035761

## DEPARTMENT OF MINES, OIL AND GAS DIVISION

NOV 15 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

COVER SHEET, STATE APPLICATION FO	OR WELL CLASSIFICATION
Date: Dr. 17, 19 85	AGENCY USE ONLY
Applicant's Name: J&J ENIERPRISES, INC.	WELL DETERMINATION FILE NUMBER
Address: P.O. Box 697	25 10 18 10 20 117 71 71
Indiana, PA. 15701	85 1018 - 1030 - 017 - 3403
Gas Purchaser Contract No.	Use Above File Number on all Communications Relating to This Well
Date of Contract (Month, day and year)	
p629	Destaurated Assess Righard Roddowliff
First Purchaser: Purchaser not yet designate	Designated Agent: Richard Reddecliff
Address:	Address: P.O. Box 48
(Street or P.O. Box)	Buckhannon, WVA 26201
FERC Seller Code 009480 (State) (Zip Code)	FERC Buyer Code
NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERN	NING THIS APPLICATION SHALL
BE ADDRESSED: Name: Vicki Vanderberg	
Signature: (Print). Sundul	(Title)
Address: P.O. Box 697	
(Street or P.O. Box) Indiana, PA.	15701
Telephone: (City) (State) (Area Code) (Phone	(Zip Code)
(Certificate of Proof of Service to Purch	
NGPA Catagory Ap	
HGPA SECTION/SUBSECTION	
102 New Natural Gas	108 Stripper Well Natural Gas
102-2 2.5 Mile Test	108- Stripper Well
102-3 1000 Foot Deeper Test 102-4 New Onshore Reservoir	108-1 Seasonally Affected 108-2 Enhanced Recovery
103 New Onshore Production Well	108-3 Temporary Pressure Buildup
★ 103 New Onshore Production Well	
107 High Cost Natural Gas 107-0 Deep (more than 15,000 feet)	AGENCY USE ONLY
107-1 Geopressured Brine	6
107-2 Coal Seams 107-3 Devonian Shale	
107-5 Production enhancement 107-6 New Tight Formation	
107-7 Recompletion Tight Formation	
	QUALIFIED 05/10/2024
The Property Assess	00,10/2021
RECEIVED OCT 1 9 1995	
DIVISION OF OIL & GAS	
DEPARTMENT OF ENERGY	•

Vate Received

Determination Date

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

Date OC	CI D	. 1985
Operator's Fell No.	JK-1	135
API Well No. 47 - State	Ounty -	340.3

## WELL CLASSIFICATION FORM NEW ONSHORE PRODUCTION WELL NGPA Section 101

그렇게 다른 그는 그들은 아이를 살아가 있다면 살아 있다.	PESIGNATED AGEST James R. Willett
	ADDRESS S.W. Jack Drilling Company
등하다 그 그 사람들은 경우를 받는데 얼마나요?	Box 48 Buckhannon, W. VA. 26201
WELL OPERATOR J & J Enterprises, Inc.	LOCATION: Elevation 1005
ADDRESS P. O. Box 697	Watershed LONG RUN
Indiana, PA 15701	Dist. CENT County Dodd quad PENNSbord
CAS PURCHASER Purcahser not yet designate	Contract No.
ADDRESS	Meter Chart Code
	Date of Contract
	* * * * * * * * *
Date surface drilling was begun: $9-6$	-85
Indicate the bottom hole pressure of the well	and explain how this was calculated:
Rock Pressure: Well v	was shut in several days after
	ment and pressure was measured
Pf=PweXGLS With a	spring gauge.
$t=60+(0.0075 \times 5948) + 459.7 = 564 \times 53.$	$35 \times 564 = 30106 = 0.000033 \text{ Pf} = 1400 \times 2.72^{(0.000033)}$
$(0.620)(5140)(0.9) = 1400 \times 2.72^{0.09} = 1400 :$	x 1.09
Pf=1526 psi	2017 10 10 10 10 10 10 10 10 10 10 10 10 10
En all Parallel congress and an analysis of the same o	ing been first sworn according to law store that ermination is sought was begun on or after February 19.
reservoir from which gas is or will be produced in commercial quantities or on which surface dr was capable of producing gas in commercial quan the best of my information, knowledge and belie	me surface drilling began, which was applicable to the and which applied to any other well producing was illing began on or after February 19, 1977, and which tities. I state, further, that I have concluded, to f, that the well for which this determination is sought not aware of any information not described in the clusion.
그렇게 그리면 하는 요즘 사람이 되었습니까?	I man ON Con and
	James H. McClerain
CTATE OF MACHINE	
STATE OF WEST VIRCIRIA. A	
COUNTY OF Indiana . TO WIT:	물건이 가면 있다는 하셨다면 보다는 그 나는 사람이 되었다.
	ry Public in and for the state and county aforesaid,
	e is signed to the writing above, bearing date
	cknowledged the same before re, in my county aforesaid.
	cal this 17 day of DCT . 1985
My X MOXIM XMERICAS on the	23 day of January . 19 24.88
4000	
[KOTARIAL SEAL]	05/10/2024
	Rotary Public
	NOTE OF THE PROPERTY OF THE PR
	VICKI L. VANDERBERG, NOTARY PUBLIC INDIANA BUROUGH, INDIANA COUNTY MY COMMISSION EXPIRES JAN. 23, 1988 Member. Pennsylvania Association of Notaries

