





OIL & GAS DIVISION
DEPT. OF MINES



State of Mest Airginia Pepartment of Mines

will and Gas Hivision

Date	November 24, 1981	-
Operat	or's	
Well N	O. B-446	
Farm_	George M. Vincent etux	
API No	. 47 - 033 - 2654 Re	,

Revised

WELL OPERATOR'S REPORT

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

				Watershed				
	Di	strict:	Sardis	County Harr	ison	Quadrangle	Wallac	e 7.5
	•			•				
JWDZ	J &	J Enterpr	ise Inc. % Consultants	c & Mare				
				WVA. 26301	Casing	Used in	Left	Cement
		ENT			Tubing	1		fill up Cu. ft.
			Same		Size ₁₁₋₃	<u> </u>		
			Vincent e		20:::06c	None	None	
				port, WVa.	Cond.	-		
	•		Same		13-10"			
DDRE		-			9 5/8	1087'	1087'	To Surface
י דד	עט כאב .	INSPECTOR	FOR THIS	WORK Stephen	8 5/8			
Case	y Rt. 2	Box 232D ADDRESS	Jane Lew,	WVa. 26378	/		 	
					5 1/2	3835'	3835'	245 Sks
				81	3	3633	3033	50/50 POZ
			11-23-		2			
F AI	PLICABL	E: PLUGG	ING OF DRY	HOLE ON	-			
			N FROM DRI RMISSION O		Liners			
(FWC)	CK INC-	VERBAL PE	WITSSION O	DIVITATION	" user		<u> </u>	
N					<u> </u>			
			MATION	Benson		Dep	th 4800	feet
	GICAL T	ARGET FOR	MATION					
	OGICAL T	ARGET FOR	ed well_	3949 feet	Rotary X	/ Cabl	e T∞ls_	
	XGICAL To Depth o	ARGET FOR	ed well_ th: Fresh	3949 feet 260 feet;	Rotary X	/ Cabl	e Tools_	
POLO	OGICAL To Depth of Water so	ARGET FOR of complete strata dep cam depths	ed well_ th: Fresh	3949 feet 260 feet; 260-263	Rotary X	/ Cabl	e Tools_	
DOL	OGICAL To Depth of Water so Coal se	ARGET FOR of complete strata dependent depths	ed well_ oth: Fresh	3949 feet 1 260 feet; 260-263	Rotary X Salt No Is coal	/ Cabl	e Tools_ : ned in the	e area? NO
DOL	Depth of Water second s	ARGET FOR trata dependent depths	ed well_oth: Fresh	feet 260 feet; 260-263	Rotary X Salt No Is coal	/ Cabl	e Tools_ ed in the	e area? NO
DOL	Depth of Water second s	ARGET FOR the trata dependent depths TA Ing formation opens This is a second of the control o	ed well th: Fresh : 80-85 & 2 tion Ballt ten flow	feet 260 feet; 260-263 cown & Speechly Trace Mcf/d	Rotary X Salt No Is coal Pa Oil: In	/ Cabl ne feet being min y zone dep	e Tools_ ned in the oth ₃₇₃₈₋₃₂	e area? NO
DOL	Depth of Water second s	ARGET FOR the trata depths and depths and format initial open	ed well th: Fresh : 80-85 & 2 tion Ballt ten flow 169	feet 260 feet; 260-263 cown & Speechly Trace Mcf/d	Rotary X Salt No Is coal Pa Oil: In	/ Cabl ne feet being min y zone dep	e Tools_ ed in the oth ₃₇₃₈₋₃₂ a flow_N/A	e area? NO 128' feet 1/A Bbl/d Bbl/d
DOL	Depth of Water second s	ARGET FOR the complete strata depths and depths and format initial open time.	ed well th: Fresh : 80-85 & 2 tion Ballt ten flow 169	feet 260 feet; 260-263 cown & Speechly Trace Mcf/d 0,000 Mcf/d	Rotary X Salt No Is coal Pa Oil: In Fi	/ Cabl ne feet being min y zone der itial oper nal open f	e Tools_ ed in the oth_3738-32 a flow_N/A	e area? NO 128' feet 1/A Bbl/d Bbl/d
DOL	Depth of Water's Coal set FLOW DA Producing Gas: I	ARGET FOR of complete trata depths and depths and format initial open time trock preserved.	ed well th: Fresh : 80-85 & 2 tion Ballt ten flow 169 of open fl	1 260 feet; 260-263 260-263 20wn & Speechly Trace Mcf/d 2,000 Mcf/d low between inf	Rotary X Salt No Is coal Pa Oil: In Fi Itial and f	/ Cabl ne feet being min y zone der itial oper nal open f	e Tools_ ed in the oth_3738-32 a flow_N/A	e area? NO 128' feet 1/A Bbl/d Bbl/d
DOL	Depth of Water second s	ARGET FOR of complete strata dependent depths ATA Ing formation open Time Trock presenticable of	ed well th: Fresh : 80-85 & 2 tion Ballt cen flow flow 169 of open fl ssure 1100#	1 260 feet; 260-263 Cown & Speechly Trace Mcf/d 1,000 Mcf/d 1 psig(surfatiple completic	Rotary X Salt No Is coal Pa Oil: In Fi Itial and f	/ Cable ne feet being min y zone depositial open from the company of the company	e Tools_ ed in the oth_3738-32 flow_N/A flow_N/A hx	e area? NO 28. feet //A Bbl/d
DOL	Depth of Water second	ARGET FOR of complete strata dependent depths ATA Ing formation open time Time Trock present open open open open open open open open	ed well_ th: Fresh : 80-85 & 2 tion_Ballt cen flow_ flow_169 of open flowsure 1100# due to multiplication	1 260 feet; 1 260 feet; 2 60-263 Trace Mcf/d 1 own between interpretation	Rotary X Salt No Is coal Pa Oil: In Fi Itial and f	/ Cable ne feet being min y zone depositial open from the company to the company zone deposit in a large next of the company zone deposit in a large next	e Tools_ ed in the oth_3738-34 flow_N/A shx oth_Nxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	e area? NO 128' feet 1/A Bbl/d Bbl/d Durs 1/S shut in
DOL	Depth of Water's Coal set FLOW DA Producing Gas: If Static (If app Second Gas:	ARGET FOR of complete strata depths and depths TA and format initial operations operate strata depths Time trock present of the control operate strata depths and the control operate	ed well th: Fresh : 80-85 & 2 tion Ballt cen flow 169 of open flow due to multiple formation pen flow	3949 feet 260 feet; 260-263 cown & Speechly Trace Mcf/d 0,000 Mcf/d low between interpretation Mcf/d	Rotary X Salt No Is coal Pa Oil: In Fi Itial and f ace measure on) Pa Oil: Ir	/ Cable ne feet being min y zone depoint open from the company of the company of the company zone depoint open from the company zone depoint open zone depoint open from the company zone depoi	e Tools ed in the oth 3738-32 flow N/A s has had been 14. Note the oth a flow	e area? NO 28° feet N/A Bbl/d Bbl/d Durs Sys shut in feet Bbl/d
POLO	Depth of Water's Coal set FLOW DA Producing Gas: If Static (If app Second Gas:	ARGET FOR of complete strata depths and depths and format initial operations of the cook presentable of producing Initial operations	ed well th: Fresh 80-85 & 2 tion Ballt en flow 169 of open fl ssure 1100# due to multi g formation pen flow n flow	1 260 feet; 1 260 feet; 2 60-263 Trace Mcf/d 1 own between interpretation	Rotary X Salt No Is coal Pa Oil: In Fi Itial and fi ace measure on) Pa Oil: Ir Oil: Fi	/ Cable ne feet being min y zone depoint open faital open faital tests ment) /after y zone depoint open faital ope	e Tools_ ded in the oth_ oth_3738-34 flow_N/A shx oth_ oth_ n flow_ flow_ flow_ flow_ flow_	e area? NO 228' feet N/A Bbl/d Bbl/d Durs Sys shut in feet Bbl/d Bbl/d

FORM IV-35 (REVERSE)

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

Water Fraced: December 9, 1981

1st Stage Baltown: 10,000,80/100, 80,000, 20/40 - 827 Bbls. Water

2nd Stage Speechly: 10,000,80/100, 54,000, 20/40 - 720 Bbls. Water

Perforations: Balltown; 3738-3748 - 14 holes, .41

Speechly; 3402-3428 - 15 holes, .41

WELL LOG

• .	***		
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Cond. Sand Coal Sand Shale Sand Coal Sand Coal Sand Shale Red Rock Sand & Shale Shale Big Lime Shale Big Injun Sand & Shale Fifty Foot Sand Thirty Foot Shale Gordon Stray Sand Gordon Shale Fourth Sand Sand Fifth Sand Sand Fifth Sand Sand Sand & Shale Speechly Sand & Shale Balltown Brown Sand & Shale	0 10 80 85 170 200 263 460 560 935 1685 1780 1862 1870 1926 2393 2447 2458 2494 2522 2536 2554 2624 2634 2660 2680 2718 3384 3434 3640 3768	10 80 85 170 200 260 263 460 560 935 1685 1780 1862 1870 1926 2393 2447 2458 2494 2522 2536 2554 2624 2634 2660 2680 2718 3384 3434 3640 3768 3949	Water @ 260' - ½" Stream Some Oil @ 2665'
			t et

(Attach separate sheets as necessary)

Well Operator
Berry Consention & Mgo's, lare.

By: My Berry

Date: 2-9-82 9-19-83

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 eval, encountered in the drilling of a well."



IV-35 (Rev 8-81)

RECEIVED

FEB 1 0 1982 State of Mest Airginia

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

Bepartment of Mines

Oil and Gas Division

Date	Nov	ember 24,	1981	-
Opera	ator's			
Well	No	B-446		
Farm	Georg	e M. Vinc	ent etux	
APT N	Jo. 47	- 033	- 2654 Per	

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

LOCATION: Elevation: 1068' Watershed_	Tenmilw Cı	reek		·
District: Sardis County Har	rison	Quadrangl	e_ Wallac	e 7.5
J & J Enterprise Inc. % COMPANY Berry Energy Consultants & Mgrs.				
ADDRESS P.O. Box 5, Clarksburg, WVA. 26301	Casing	Used in	Left	Cement
DESIGNATED AGENT Same	Tubing		1	fill up Cu. ft.
ADDRESSSame	Size ₁₁₋₃	+		
SURFACE OWNER George M Vincent etux	20xxlx6x Cond	None	None	
ADDRESS Rt. 1, Box 100 A26, Lumberport, WVa.	13-10"	1		
MINERAL RIGHTS OWNER Same	9 5/8			
ADDRESS	8 5/8	1087'	1087'	To Surfac
OIL AND GAS INSPECTOR FOR THIS WORK Stephen Box 232D	7			
Casey Rt. 2 Box 232D ADDRESS Jane Lew, WVa. 26378	5 1/2			
PERMIT ISSUED October 6, 1981	4 1/2	3835'	3835'	245 Sks
DRILLING COMMENCED 11-17-81	3			50/50 POZ
DRILLING COMPLETED 11-23-81	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			
GEOLOGICAL TARGET FORMATION Benson	<u> </u>	Dept	h 4800	feet
	Rotary x		***************************************	
Water strata depth: Fresh 260 feet;				Ĩ
Coal seam depths: 80-85 & 260-263			ed in the	area? NO
OPEN FLOW DATA		-		
Producing formation Balltown & Speechly	Pav	zone dept	h 2770 - 74	_{28'} feet
Gas: Initial open flow Trace Mcf/d				
Final open flow 169,000 Mcf/a				
Time of open flow between ini				urs
Static rock pressure 1100# psig(surfa	ice measurem	- ent)/after	Day	ys ns shut in
(If applicable due to multiple completion		• • • •		
	Pay	zone dept	h	feet
		_		 Bb1/d
Gas: Initial open flow Mcf/d				
Gas: Initial open flow Mcf/d Final open flow Mcf/d		al open fl	.OW	Bbl/d

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

Water Fraced: December 9, 1981

1st Stage Baltown: 10,000,80/100, 80,000, 20/40 - 827 Bbls. Water

2nd Stage Speechly: 10,000,80/100, 54,000, 20/40 - 720 Bbls. Water

Perforations: Balltown: 3738-3748 - 14 holes, .41

Speechlt; 3402-3428 - 15 holes, .41

WELL LOG

FORMATION COLOR HARD OR SOFT TOP FEET BOTTOM FEET Including is and salt was and	REMARKS
Cond. 0 10 Sand 10 80 Coal 80 85 Sand 85 170 Shale 170 200 Sand 200 260 Water @ 26	ndication of all fres ter, coal, oil and ga
Sand 10 80 Coal 80 85 Sand 85 170 Shale 170 200 Sand 200 260 Water @ 26	
Coal 80 85 Sand 85 170 Shale 170 200 Sand 200 260 Water @ 26	
Sand 85 170 Shale 170 200 Sand 200 260 Water @ 26	
Shale 170 200 Sand 200 260 Water @ 26	
Sand 200 260 Water @ 26	
	60' - ½'' a.
Coal 260 263	Stream
Sand 263 460	
Shale 460 560	
Red Rock 560 935	
Sand C Shale	0.000
Shale 935 1685 Some Oil @	2665'
Big Lime & Injun 1740 1945	
Sand & Shale 1945 3725	
Brown Sand <i>Bacc</i> . 3725 3750	
Shale 3750 3945	
	

(Attach separate sheets as necessary)

_ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	J. Enter	Prises		
Well	Operator	Sonselfonts - Mg-'s, h	ve .	
By:	mou	5		
Date:	2-1-	82_		

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."



STATE OF WEST VIRGINIA DEPARTMENT OF MINES RECEIVED

OCT 2 - 1981

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES, Charleston, W. Va.	-		10 1001	
Compesion, w. va.	D	ATE September	18, 1981 erprises, Inc	
Aurface Owner George M. Vincent et ux	с	Berry E	nergy Consult	ants & Mgrs.
Address Rt. 1, Box 100 A26, Lumberport	<u>WV</u> A	ddress P. O. Box	5, Clarksburg	, WV 26301
George M. Vincent et ux	F	George M. V	incent et ux	Acres 20.26
Address Rt. 1, Box 100 A26, Lumberport	WV L	ocation (waters) Te	enmile Creek	:
Del Owner Virginia Tetrick % W. Guy Tet	trick w	ell No. B-446		Elevation 1068
Addrese Union Nat'l Bank Plaza, Clarksbu		strict Sardis		_County Harris
Coal Operator NOT OPERATED	Q	uadrangle Wallac		
Address				
HIS PERMIT MUST BE POSTED AT THE WELL SITE	:			
I provisions being in accordance with Chapter 22,		•		
the W. Va. Code, the location is hereby approved		CTOR		
or revised drilling. This permit shall expire if		NOTIFIED Step	hen Casey	•
perations have not commenced by 6-6-82	*	Rt.	2, Box 232 D	
	ADDRE	SS Jane	Lew, WV 263	78
Deputy Director - Oil & Gas Division	PHONE	884-7470		
A. Vincent, his wife to A.L. McQuaid,	t or lease dated DBA Appalachi	August 27 an Mineral Comp an And recorded on	19 <u>80</u> 1	oil and gas, having George M. Vi day of Octob
the undersigned well operator is entitled to drittle thereto, (or as the case may be) under grant y A. Vincent, his wife made to A.L. McQuaid, g 80 in Harrison County, Book X NEW WELL DRILL DE OIL ND GAS WELL ORIGINALLY	t or lease dated DBA Appalachi 1095	August 27 an Mineral Comp annd recorded on Page 1071 REDRILL	19 80 to the 22nd	George M. Vi
tle thereto, (or as the case may be) under grant A. Vincent, his wife made to A.L. McQuaid, made to A.L. McQuaid, Marrison County, Book X NEW WELL DRILL DE OIL ND GAS WELL ORIGINALLY. The enclosed plat was prepared by a registered are been notified as of the above date.	DBA Appalachi 1095 EPER Y DRILLED BEF I engineer or lice	August 27 an Mineral Comp and recorded on Page 1071 REDRILL ORE JUNE 5, 196 maded land surveyor ed that any objection	19 80 to any 22nd FRACTUR 9. and all coal own they wish to a	day of Octob E OR STIMULAT
the thereto, (or as the case may be) under grant A. Vincent, his wife made to A.L. McQuaid, made in Harrison County, Book X NEW WELL DRILL DE OIL ND GAS WELL ORIGINALLY. The enclosed plat was prepared by a registered two been notified as of the above date. The above named coal owners and/or operator make by Section 3 of the Code, must be received.	DBA Appalachi 1095 EPER Y DRILLED BEF I engineer or lice are hereby notified by, or filed we mailed by regist	August 27 an Mineral Comp and recorded on Page 1071 REDRILL ORE JUNE 5, 196 med land surveyor ed that any objection of the Department	19 80 to any 22nd FRACTUR 9. and all coal own of Mines within	day of Octob LE OR STIMULAT make, or are required ten (10) days.
tle thereto, (or as the case may be) under grant A. Vincent, his wife made to A.L. McQuaid, made in Harrison County, Book X NEW WELL DRILL DE OIL ND GAS WELL ORIGINALLY. The enclosed plat was prepared by a registered are been notified as of the above date. The above named coal owners and/or operator make by Section 3 of the Code, must be received to coal owners at their above shown respective as coal owners at their above shown respective as	DBA Appalachi 1095 EPER Y DRILLED BEF I engineer or lice are hereby notified by, or filed we mailed by registed directs. Same	August 27 an Mineral Comp and recorded on Page 1071 REDRILL ORE JUNE 5, 196 and surveyor and that any objection ith the Department ered mail, or deliveryor day.	19 80 to any 22nd FRACTUR 9. and all coal own of Mines within red to the above	day of Octob E OR STIMULAT make, or are required ten (10) days.
the thereto, (or as the case may be) under grant A. Vincent, his wife made to A.L. McQuaid, a 80 in Harrison County, Book X NEW WELL DRILL DE OIL ND GAS WELL ORIGINALLY. The enclosed plat was prepared by a registered two been notified as of the above date. The above named coal owners and/or operator make by Section 3 of the Code, must be received to the coal owners at their above shown respective as coal owners at their above shown respective as	DBA Appalachi 1095 EPER Y DRILLED BEF I engineer or lice are hereby notified by, or filed we mailed by registed dress Same y to the Department	August 27 an Mineral Comp and recorded on Page 1071 REDRILL ORE JUNE 5, 196 med land surveyor ed that any objection ith the Department ered mail, or deliver day ent of Mines at Char	19 80 to any 22nd FRACTUR 9. and all coal own of Mines within red to the above rieston, West Vir	day of Octob E OR STIMULAT make, or are required ten (10) days. named coal operate before, or on toginia.
the thereto, (or as the case may be) under grant y A. Vincent, his wife made to A.L. McQuaid, McQuaid, made to A.L. McQuaid, McQuaid, made to A.L. McQuaid, McQuaid, made to McQuaid, McQu	DBA Appalachi 1095 EPER Y DRILLED BEF I engineer or lice are hereby notified by, or filed we mailed by registed dress Same y to the Department	August 27 an Mineral Compand recorded on 1071 REDRILL ORE JUNE 5, 196 and surveyor and that any objection ith the Department ered mail, or delivered that at Characteristics of Mines at Character	19 80 to any 22nd FRACTURE 9. and all coal own of Mines within red to the above rieston, West Vir	day of Octob E OR STIMULAT make, or are required ten (10) days. named coal operate before, or on toginia.
the thereto, (or as the case may be) under grant A. Vincent, his wife made to A.L. McQuaid, a 80 in Harrison County, Book X NEW WELL DRILL DE OIL OND GAS WELL ORIGINALLY. The enclosed plat was prepared by a registered ave been notified as of the above date. The above named coal owners and/or operator make by Section 3 of the Code, must be received to coal owners at their above shown respective as me day with the mailing or delivery of this copy.	DBA Appalachi 1095 EPER Y DRILLED BEF I engineer or lice are hereby notified by, or filed we mailed by registed dress Same y to the Department	August 27 an Mineral Compand recorded on 1071 REDRILL ORE JUNE 5, 196 and surveyor and that any objection ith the Department day and of Mines at Charter of Mines	FRACTURE 9. and all coal own of Mines within red to the above rieston, West Vir Enterprises, y Energy Cons	day of Octob E OR STIMULAT mers and/or operate make, or are required ten (10) days. mamed coal operate before, or on togima. Inc.
the thereto, (or as the case may be) under grant A. Vincent, his wife made to A.L. McQuaid, a 80 in Harrison County, Book X NEW WELL DRILL DE OIL ND GAS WELL ORIGINALLY. The enclosed plat was prepared by a registered ave been notified as of the above date. The above named coal owners and/or operator make by Section 3 of the Code, must be received to coal owners at their above shown respective as me day with the mailing or delivery of this copy.	DBA Appalachi 1095 EPER Y DRILLED BEF I engineer or lice are hereby notified by, or filed we mailed by registed dress Same y to the Department	August 27 an Mineral Compand recorded on 1071 REDRILL ORE JUNE 5, 196 med land surveyor ed that any objection ith the Department ered mail, or deliver day ent of Mines at Charter Vame) P. O. Box 5	FRACTUR 9. and all coal own of Mines within red to the above rieston, West Vir Enterprises, y Energy Cons Well Operator	day of Octob E OR STIMULAT make, or are required (10) days. mamed coal operate before, or on togimis. Inc. sultants & Mgra
the thereto, (or as the case may be) under grant A. Vincent, his wife made to A.L. McQuaid, a 80 in Harrison County, Book X NEW WELL DRILL DE OIL OND GAS WELL ORIGINALLY. The enclosed plat was prepared by a registered we been notified as of the above date. The above named coal owners and/or operator make by Section 3 of the Code, must be received to coal owners at their above shown respective as me day with the mailing or delivery of this copy. LEASE SUBMIT COPIES OF ALL COPHYSICAL LOGS DIRECTLY TO:	DBA Appalachi 1095 EPER Y DRILLED BEF I engineer or lice are hereby notified by, or filed we mailed by registed dress Same y to the Department	August 27 an Mineral Compand recorded on 1071 REDRILL ORE JUNE 5, 196 med land surveyor ed that any objection ith the Department ered mail, or deliver day ent of Mines at Charter Vame) P. O. Box 5	FRACTURE 9. and all coal own of Mines within red to the above rieston, West Vir Enterprises, y Energy Cons Well Operator	day of Octob E OR STIMULAT make, or are required (10) days. mamed coal operate before, or on togimis. Inc. sultants & Mgra
the thereto, (or as the case may be) under grant A. Vincent, his wife to A.L. McQuaid, a 80 in Harrison County, Book X NEW WELL DRILL DE OIL ND GAS WELL ORIGINALLY. The enclosed plat was prepared by a registered two been notified as of the above date. The above named coal owners and/or operator make by Section 3 of the Code, must be received to coal owners at their above shown respective as me day with the mailing or delivery of this copy. LEASE SUBMIT COPIES OF ALL EOPHYSICAL LOGS DIRECTLY TO:	t or lease dated DBA Appalachi 1095 EPER Y DRILLED BEF I engineer or lice are hereby notificed by, or filed we mailed by registed dress Same Y to the Department of the Company (Sign) Address of	August 27 an Mineral Compand recorded on 1071 REDRILL ORE JUNE 5, 196 med land surveyor ed that any objection ith the Department ered mail, or deliver day must of Mines at Charter Name) P. O. Box 5 Suite 309 P	FRACTUR 9. and all coal own of Mines within red to the above rieston, West Vir Enterprises, y Energy Cons Well Operator	day of Octob E OR STIMULAT make, or are required (10) days. mamed coal operate before, or on togimis. Inc. sultants & Mgra
the thereto, (or as the case may be) under grant A. Vincent, his wife made to A.L. McQuaid, a 80 in Harrison County, Book X NEW WELL DRILL DE OIL OND GAS WELL ORIGINALLY. The enclosed plat was prepared by a registered two been notified as of the above date. The above named coal owners and/or operator make by Section 3 of the Code, must be received to this notice and the enclosed plat were coal owners at their above shown respective at me day with the mailing or delivery of this copy. LEASE SUBMIT COPIES OF ALL EOPHYSICAL LOGS DIRECTLY TO:	DBA Appalachi 1095 EPER Y DRILLED BEF I engineer or lice are hereby notified by, or filed we mailed by registed dress Same y to the Department Very (Sign	August 27 an Mineral Compand recorded on 1071 REDRILL ORE JUNE 5, 196 and surveyor of that any objection ith the Department ered mail, or delivered mail, or deli	FRACTURE 9. and all coal own of Mines within red to the above rieston, West Vir Enterprises, y Energy Cons Well Operator rofessional Street	day of Octob E OR STIMULAT make, or are required (10) days. mamed coal operate before, or on togimis. Inc. sultants & Mgra
the thereto, (or as the case may be) under grant y A. Vincent, his wife made to A.L. McQuaid, made to A.L. McQuaid, McQuaid, made in Harrison County, Book X NEW WELL DRILL DE OIL ND GAS WELL ORIGINALLY. The enclosed plat was prepared by a registered are been notified as of the above date. The above named coal owners and/or operator of make by Section 3 of the Code, must be received.	t or lease dated DBA Appalachi 1095 EPER Y DRILLED BEF I engineer or lice are hereby notificed by, or filed we mailed by registed dress Same Y to the Department of the Company (Sign) Address of	August 27 an Mineral Comparand recorded on 1071 REDRILL ORE JUNE 5, 196 and surveyor of that any objection ith the Department ered mail, or delivered mail, or de	PRACTURE 9. and all coal own of Mines within red to the above rieston, West Vir Enterprises, y Energy Cons Well Operator rofessional Street	day of Octob E OR STIMULAT make, or are required (10) days. mamed coal operate before, or on togimis. Inc. sultants & Mgra
the thereto, (or as the case may be) under grant y A. Vincent, his wife made to A.L. McQuaid, a 80 in Harrison County, Book X NEW WELL DRILL DE OIL .ND GAS WELL ORIGINALLY. The enclosed plat was prepared by a registered are been notified as of the above date. The above named coal owners and/or operator of make by Section 3 of the Code, must be received as a coal owners at their above shown respective as the mailing or delivery of this copy. LEASE SUBMIT COPIES OF ALL EOPHYSICAL LOGS DIRECTLY TO:	t or lease dated DBA Appalachi 1095 EPER Y DRILLED BEF I engineer or lice are hereby notificed by, or filed we mailed by registed dress Same Y to the Department of the Company (Sign) Address of	August 27 an Mineral Compand recorded on 1071 REDRILL ORE JUNE 5, 196 and surveyor of that any objection ith the Department ered mail, or delivered mail, or deli	FRACTUR 9. and all coal own they wish to real of Mines within red to the above rieston, West Vir Enterprises, y Energy Const Well Operator rofessional in Street v or Town ia, 26301	day of Octob E OR STIMULAT make, or are required (10) days. mamed coal operate before, or on togimis. Inc. sultants & Mgra
the thereto, (or as the case may be) under grant A. Vincent, his wife made to A.L. McQuaid, a 80 in Harrison County, Book X NEW WELL DRILL DE OIL ND GAS WELL ORIGINALLY. The enclosed plat was prepared by a registered are been notified as of the above date. The above named coal owners and/or operator make by Section 3 of the Code, must be received to coal owners at their above shown respective as me day with the mailing or delivery of this copy. LEASE SUBMIT COPIES OF ALL EOPHYSICAL LOGS DIRECTLY TO:	t or lease dated DBA Appalachi 1095 EPER Y DRILLED BEF I engineer or lice are hereby notificed by, or filed we mailed by registed dress Same Y to the Department of the Company (Sign) Address of	August 27 an Mineral Comparand recorded on 1071 REDRILL ORE JUNE 5, 196 and surveyor of that any objection ith the Department ered mail, or delivered mail, or de	PRACTURE 9. and all coal own of Mines within red to the above rieston, West Vir Enterprises, y Energy Cons Well Operator rofessional Street	day of Octob E OR STIMULAT make, or are required (10) days. mamed coal operate before, or on togimis. Inc. sultants & Mgra

the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved

47-033-2654-REV.

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Since of the

and the well operator authorized to proceed.

THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO	DRILL	DEEPEN	FRACTURE STIMULATE		
DRILLING CONTRACTOR: (If		RESPONSIBLE AGENT:			
NAME S. W. Jack Drilling	Company				
ADDRESS P.O. Box 48, Buckl	nannon, WV 26201				
TELEPHONE472-9403	1 .	TELEPHONE 622-3450			
ESTIMATED DEPTH OF COMPL	ETED WELL: 4800'	ROTARY X	ROTARYX CABLE TOOLS		
PROPOSED GEOLOGICAL FORM	MATION: Benson	_			
TYPE OF WELL: OIL	GAS X	COMB STORA	GE DISPOSAL		
			FLOOD OTHER		
		The second secon	9		
TENTATIVE CASING PROGRAM	:				
4		11117 151	CHAINE LILLUR		
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL.	OR SACKS - CUBIC FT.		
20 - 16					
3 - 10	30'	30'			
XXXXXX 11-3/4	1100'	1100'	To Surface		
3 - 5/8	1100	1100			
5 1/2					
4 1/2		4800	308 Cemt		
3			Perf. Top		
2			Perf. Bottom Perf. Top		
Liners			Perf. Bottom		
SUBMIT FIVE (5) COPIES OF PLAT.	OF OG - 1, \$100.00 PER	MIT FEE, PERFORMANC	E BOND AND PERMANENT COPY		
ro Drill Deeper or Redril	1 .*				
		IGINAL PERMIT NUMBER	AND PERFORMANCE BOND. ON		
	TO 1929, A PERMANENT		ID THE ORIGINAL WELL RECORD		
TO FRACTURE - STIMULATE:					
			(5) COPIES OG - 1, PERFORMANCE		
	RIGINALLY DRILLED ON	AND/OR AFTER JUNE 5,	1929, FIVE COPIES OG - 1, SHOW-		
Required forms must be file four (24) hours in advance.	d within ninety (90) days o	of completion for bond rele	ase. Inspector to be notified twenty		
The following waiver must thereof.	be completed by the coal	operator if the permit is to	be issued within ten days of receipt		
WAINER: I the undersigned, Age	ent for	Coal Company, O	wner or Operator of the coal under		
this lease have examin	ned and place on our mine	maps this proposed well	ocation.		
			id well being drilled at this location,		
providing operator has Code.	complied with all rules and	regulations in Articles 4, 5,	and 7, Chapter 22 of the West Virginia		
			For Coal Company		



STATE OF WEST VIRGINIA DEPARTMENT OF MINES



Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

Address Owner George M Vincent et ux Indexes Owner George M Vincent et ux Same Same Same Same See Owner Virginia Tetrick % W Guy Tetrick Same See Owner Virginia Tetrick % W Guy Tetrick Well No. 8-449 Betration 993' Detrict Sardis Coenty Harris Coenty Harris To Be Notified Stephen Casey Inspector To Be Notified Stephen Casey Inspector To Be Notified Stephen Casey ADDESS Rt. 2, Box 232 D Inne Lew. W.Va. 26378 FHONE RR4-7470 ENTLEMEN: The undersigned well operator is entitled to chill upon the above named farm or tract of land for oil and gas, having de thereto, (or as the case may be) under grant or lesse dated harmoust 27 19 80 by George M Vin Try A Vincent his guife to A 1 McQuaid, dha Appalachian Mineral 20 day of Octobe Sent Leave Company Recommendation of the County, Book 1095 Page 1071 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator we been notified as of the above date. The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required where the owner process of the notice and the enclosed plat were mailed by registered mail or delivered to the above named coal owners and/or operator we been notified that any objection they wish to make, or are required by Section 3 of the Code, must be received by, or field with the Department of Mines within then (10) days. * Copies of this notice and the enclosed plat were mailed by registered	George M Vincent et ux	DATE July 2, 1981	
Address Rt. 1. Box 100 A26, Lumberport WVa Address Canner Score M Vincent et ux Same Location (waters) Tenmile Creek Wall No. 8-446 Wall No. 8-46 Wall No. 8	DULING CAME OCCURS IN ATTICONS OF MY		
Address Same Location (water) Tenmile Creek Wall No. B-446 Location (water) Tenmile Creek Wall No. B-446			
Location (waters) Tenmile Creck Location (waters) Tenmile Creck Wall No 8-446 Wall No 8-46 Wall No 8-46 New Yallace 7.5 County, Harriso The Post Not Instance of Sarphan Casey The Market Post Not Page INSPECTOR The Brottified Stephen, Casey The Brottified			
defense Virginia Tetrick % W Guy Tetrick Wall No. 8	Same		_Acres
District Sardis County Harriss and Spatial County County County County Harriss and Operator Not one rated address and Spatial County Co		D_AA6	007!
Command the second plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator are been notified as of the above date. The senciosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator are been notified as of the above date. The senciosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator are been notified as of the above date. The shove named coal owners and/or operator are hereby notified that any objection they wish to make, or are requirement of this motion and the enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator are described by registered mail; or delivered to the performance of this notice and the enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator are days with the mailing or delivery of this copy to the Department of Mines within ten (10) days. Very truly yours, Berry Energy Consultants & Mgrs Copy & Copies of this notice and the enclosed plat was mailed by registered mail; or delivered to the before, or on the search of the same and the enclosed plat was mailed by registered mail; or delivered to the whole was prepared to a days with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. Very truly yours, Berry Energy Consultants & Mgrs Street and Coal owners and Mest Virginia, 26301		n	
ERMIT MUST BE POSIED AT THE WELL SITE visions being in accordance with Chapter 22, W. Vo. Code, the location is hereby approved 11ting This permit shall expire if ms have not commenced by 3-29/82. ADDRESS Rt. 2, Box 232 D Inne Lew, W. Va. 26378 PHONE 884-7470 FHONE 884-7470 FHONE 884-7470 FHONE 884-7470 FHONE 884-7470 The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having a thereto, (or as the case may be) under grant or lease dated August 27 19.80 by George M Vin NY A Vincent his ministre A I McQuaid, dba Appalachian Mineral Co. 80, in Harrison County, Book 1095 X NEW WELL DRILL DEFFER REDRILL FRACTURE OR STIMULAT OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator are hereby notified that any objection they wish to make, or are requisions where the coal owners at their above shown respective address The shove named coal owners and/or operator are hereby notified with the Department of Mines within ten (10) days. * Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal owners at their above shown respective address Same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia J & J Enterprise, Inc. % Very truly your. Berry Energy Consultants & Mgrs OFHYSICAL LOGS DIRECTLY TO: (Sign Name) West Virginia, 26301	•		_County Harris
The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator are hereby notified with the Department of Mines at their above shown respective address see say with the mailing or delivery of this coop to the Department of Mines at Charleston, West Virginia per Coop of Colarksburg Co. Suries Survey Street, East of Well Operator at less of Well Operator (Co. Survey Colarksburg Co. Survey Co.		— Ansarangie	
Visions being in accordance with Chapter 22, W. Va. Code, the location is hereby approved tilling. This permit shall expire if man have not commenced by 3-29-82. ADDRESS Rt. 2, Box 232 D Lane Lew, W.Va. 26378 PHONE 884-7470 FHONE 884-7470 FHONE 884-7470 FHONE 684-7470 FHONE 684-7470 FHONE 684-7470 FHONE 684-7470 FINTLEMEN: The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having the thereto, (or as the case may be) under grant or lease dated 600 the 22 day of 600 the 200 day of 600 the 600 the 600 day of 600 the 600 the 600 day of 600 the 600 the 600 day of 600 t			·
INSPECTOR To be notified as of the above date. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator seen been notified as of the above date. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator seen their above shown respective address coal owners at their above shown respective address of well operator of this copy to the Department of Mines within ten (10) days. * Very truly yours. EASE SUBMIT COPIES OF ALL OPHYSICAL LOGS DIRECTLY TO: INSPECTOR TO BE NOTIFIED Stephen, Casey Rt. 2, Box 232 D Jane Lew, W.Va. 26378 PHONE 884-7470 Inspection the show per or liand for oil and ges, having and recorded on the 22 day of Octobe and recorded on the 22 day of Octobe 1095 Page 1071 PRACTURE OR STIMULAT OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator are hereby notified that any objection they wish to make, or are required by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. * Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator coal owners at their above shown respective address Same day before, or on the Schrift and Propagation 1 of the Code of the shown per or on the Schrift and Propagation 1 of the Code of the C		• • •	
ADDRESS Rt. 2, Box 232 D Jane Lew, W.Va. 26378 PHONE 884-7470 PHONE 884-7470 PHONE 884-7470 PHONE 884-7470 PHONE 984-7470 PHONE 984-7470	vv. va. Code, the location is hereby approved		•
ADDRESS Jane Lew, W.Va. 26378 PHONE 884-7470 PHONE 884-7470 PHONE 884-7470 PHONE 884-7470 PHONE 884-7470 PHONE 884-7470 The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having a thereto, (or as the case may be) under grant or lease dated 4000 of 198 of 1	. This permit shall expire if		•
The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having ethereto, (or as the case may be) under grant or lease dated August 27 19 80 by George M Viney A Vincent his middle to A L McQuaid, dba Appalachian Mineral Co. RO, in Harrison County, Book 1095 Page 1071 X NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULAT OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator be been notified as of the above date. The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are requiremake by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. Copies of this notice and the enclosed plat were mailed by registered mail or delivered to the above named coal owners at their above shown respective address Same day before, or on the day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. Very truly yours Berry Energy Consultants & Mgrs Ophysical Logs Directly To: (Sign Name) Well Operator P.O. Box 5 Suite 309 Professional Bldg. Suite 309 Professional Bldg. City or Town West Virginia, 26301	ns have not commenced by 3-29-82	15555C	1
intlemen: The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having the thereto, (or as the case may be) under grant or lease dated August 27 19.80 by George M Vinery A Vincent his militero. A L McQuaid, dba Appalachian Mineral Co. RO, in Harrison County, Book 1095 Page 1071 X NEW WELL DRILL DEEFER REDRILL FRACTURE OR STIMULAT OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator be been notified as of the above date. The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are requiremake by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. Copies of this notice and the enclosed plat were mailed by registered mail; or delivered to the above named coal owners at their above abown respective address Same day before, or on the day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. Very truly yours, Berry Energy Consultants & Mgrs Ophysical Logs Directly To: (Sign Name) Well Operator P.O. Box 5 Suite 309 Professional Bldg. Address Street Chy or Town Well Operator Charksburg Chy or Town West Virginia, 26301	ud Sudelle	THE CONTRACT OF THE CONTRACT O	.,
The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having the thereto, (or as the case may be) under grant or lease dated Anguet 27 19 80 by George M Vin the Control of C	aty Director - Oil & Gas Division	PHONE <u>884-7470</u>	28 - 1
The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having the thereto, (or as the case may be) under grant or lease dated August 27 19 80 by George M Vin the A Vincent his marketo A L McQuaid, dba Appalachian Mineral Co. RO, in Harrison County, Book 1095 Page 1071 X NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULAT OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator be been notified as of the above date. The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are requiremake by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. Copies of this notice and the enclosed plat were mailed by registered mail; or delivered to the above named coal operator are day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. LEASE SUBMIT COPIES OF ALL OPHYSICAL LOGS DIRECTLY TO: Very truly yours, Berry Energy Consultants & Mgrs Suite 309 Professional Bldg. Sign Name) Very truly yours, Berry Energy Consultants & Mgrs Suite 309 Professional Bldg. Sign Name Clarksburg Chy or Town West Virginia, 26301	NTLEMEN.		
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator we been notified as of the above date. The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are requiremake by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. * Copies of this notice and the enclosed plat were mailed by registered mail; or delivered to the above named coal operator coal owners at their above shown respective address. Same day before, or on the day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. J & J Enterprise, Inc. % Very truly yours, Berry Energy Consultants & Mgrs OPHYSICAL LOGS DIRECTLY TO: (Sign Name) Well Operator P.O. Box 5 Suite 309 Professional Bldg. Street Of Well Operator Well Operator Clarksburg Carksburg City or Town West Virginia, 26301		Page 1071	•
The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator to been notified as of the above date. The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are requirement of Mines within ten (10) days. Copies of this notice and the enclosed plat were mailed by registered mail; or delivered to the above named coal operator coal owners at their above shown respective address. Same day before, or on the day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. J & J Enterprise, Inc. % Very truly yours, Berry Energy Consultants & Mgrs. Very truly yours, Berry Energy Consultants & Mgrs. Sign Name P.O. Box 5 Suite 309 Professional Bldg. Street Clarksburg City or Town West Virginia, 26301	NEW WELLDRILL DEEPER	REDRILLFRACTURE	2 OD 0000 000 .=
The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are requiremake by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator coal owners at their above shown respective address. Same day before, or on the day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. J & J Enterprise, Inc. % Very truly yours, Berry Energy Consultants & Mgrs Very truly yours, Berry Energy Consultants & Mgrs (Sign Name) Well Operator P.O. Box 5 Suite 309 Professional Bldg. Street Street Clarksburg City or Town West Virginia, 26301			e or slimulat
The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are requiremake by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator coal owners at their above shown respective address. Same day before, or on the Department of Mines at Charleston, West Virginia. J & J Enterprise, Inc. % Very truly yours, Berry Energy Consultants & Mgrs Very truly yours, Berry Energy Consultants & Mgrs (Sign Name) Well Operator P.O. Box 5 Suite 309 Professional Bldg. Street Title OF OIL AND GAS Address Street Clarksburg City or Town West Virginia, 26301		D BEFORE JUNE 5, 1969.	E OR STIMULAT
The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are requiremake by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator coal owners at their above shown respective address. Same day before, or on the day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. Very truly yours, Berry Energy Consultants & Mgrs Well Operator P.O. Box 5 Suite 309 Professional Bldg. Street Clarksburg City or Town West Virginia, 26301	OIL AND GAS WELL ORIGINALLY DRILLE		and the second s
Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator coal owners at their above shown respective address Same day before, or on the day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. Very truly yours, Berry Energy Consultants & Mgrs Very truly yours, Berry Energy Consultants & Mgrs (Sign Name) P.O. Box 5 Suite 309 Professional Bldg. Address of Well Operator Parleston, West Virginia EASE SUBMIT COPIES OF ALL OPHYSICAL LOGS DIRECTLY TO: Well Operator P.O. Box 5 Suite 309 Professional Bldg. Chy or Town West Virginia, 26301	OIL AND GAS WELL ORIGINALLY DRILLE The enclosed plat was prepared by a registered engineer		and the second s
Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator coal owners at their above shown respective address Same day before, or on the day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. J & J Enterprise, Inc. % Wery truly yours, Berry Energy Consultants & Mgrs (Sign Name) Well Operator P.O. Box 5 Suite 309 Professional Bldg. Street arleston, West Virginia ea Code 304 -348-3092 348-3096 West Virginia, 26301	OIL AND GAS WELL ORIGINALLY DRILLE The enclosed plat was prepared by a registered engineer re been notified as of the above date.	or licensed land surveyor and all coal own	ers and/or operate
Coal owners at their above shown respective address Same day before, or on the day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. J & J Enterprise, Inc. % Wery truly yours, Berry Energy Consultants & Mgrs (Sign Name) Well Operator P.O. Box 5 Suite 309 Professional Bldg. Street The street of Well Operator Clarksburg Carksburg City or Town West Virginia, 26301	OIL AND GAS WELL ORIGINALLY DRILLE The enclosed plat was prepared by a registered engineer re been notified as of the above date. The above named coal owners and/or operator are hereby	or licensed land surveyor and all coal own	ers and/or operate
Very truly yours, Berry Energy Consultants & Mgrs OPHYSICAL LOGS DIRECTLY TO: (Sign Name) Well Operator P.O. Box 5 Suite 309 Professional Bldg. Street Well Operator Well Operator Well Operator Clarksburg City or Town West Virginia, 26301	OIL AND GAS WELL ORIGINALLY DRILLE The enclosed plat was prepared by a registered engineer re been notified as of the above date. The above named coal owners and/or operator are hereby make by Section 3 of the Code, must be received by, or	or licensed land surveyor and all coal own notified that any objection they wish to n filed with the Department of Mines within	ers and/or operato nake, or are requir ten (10) days. •
Very truly yours, Berry Energy Consultants & Mgrs OPHYSICAL LOGS DIRECTLY TO: (Sign Name) Well Operator P.O. Box 5 Suite 309 Professional Bldg. Street of Well Operator Parleston, West Virginia Ea Code 304 -348-3092 348-3096 West Virginia, 26301	OIL AND GAS WELL ORIGINALLY DRILLE The enclosed plat was prepared by a registered engineer been notified as of the above date. The above named coal owners and/or operator are hereby make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed b coal owners at their above shown respective address	or licensed land surveyor and all coal own notified that any objection they wish to n filed with the Department of Mines within y registered mail; or delivered to the above registered mail;	nake, or are required ten (10) days. *
OPHYSICAL LOGS DIRECTLY TO: (Sign Name) Well Operator P.O. Box 5 Suite 309 Professional Bldg. Street Street Well Operator Well Operator Clarksburg City or Town West Virginia, 26301	OIL AND GAS WELL ORIGINALLY DRILLE The enclosed plat was prepared by a registered engineer re been notified as of the above date. The above named coal owners and/or operator are hereby make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address	or licensed land surveyor and all coal own notified that any objection they wish to n filed with the Department of Mines within y registered mail, or delivered to the above resume day epartment of Mines at Charleston, West Virg	nake, or are requir ten (10) days. • named coal operato before, or on ti
FICE OF OIL AND GAS Address Street Street Address Street Street Of Well Operator Well Operator Clarksburg Clarksburg City or Town West Virginia, 26301	OIL AND GAS WELL ORIGINALLY DRILLE The enclosed plat was prepared by a registered engineer re been notified as of the above date. The above named coal owners and/or operator are hereby make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address ne day with the mailing or delivery of this copy to the De	notified that any objection they wish to n filed with the Department of Mines within y registered mail, or delivered to the above repartment of Mines at Charleston, West Virginia Landerprise,	nake, or are requirement (10) days. • named coal operate before, or on the prints.
FICE OF OIL AND GAS Address Street S	OIL AND GAS WELL ORIGINALLY DRILLE The enclosed plat was prepared by a registered engineer we been notified as of the above date. The above named coal owners and/or operator are hereby make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address the day with the mailing or delivery of this copy to the De EASE SUBMIT COPIES OF ALL	or licensed land surveyor and all coal own notified that any objection they wish to n filed with the Department of Mines within y registered mail, or delivered to the above repartment of Mines at Charleston, West Virgous J& J Enterprise, Berry Energy Const	nake, or are requirement (10) days. • named coal operate before, or on the prints.
Address Street Street Street Street Street If Washington Street, East of Clarksburg Parleston, West Virginia Well Operator Parleston Clarksburg City or Town West Virginia, 26301	OIL AND GAS WELL ORIGINALLY DRILLE The enclosed plat was prepared by a registered engineer we been notified as of the above date. The above named coal owners and/or operator are hereby make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address the day with the mailing or delivery of this copy to the De EASE SUBMIT COPIES OF ALL	or licensed land surveyor and all coal own notified that any objection they wish to n filed with the Department of Mines within y registered mail, or delivered to the above repartment of Mines at Charleston, West Virgous J. & J. Enterprise, Very truly yours, Berry Energy Const. (Sign Name)	nake, or are requirement (10) days. • named coal operator before, or on the prima.
ea Code 304 -348-3092 348-3096 Well Operator Clarksburg Well Operator Clarksburg West Virginia, 26301	The enclosed plat was prepared by a registered engineer re been notified as of the above date. The above named coal owners and/or operator are hereby make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address the day with the mailing or delivery of this copy to the Department of the Copies of the Department of the De	notified that any objection they wish to n filed with the Department of Mines within y registered mail, or delivered to the above repartment of Mines at Charleston, West Virgous J. Enterprise, Very truly yours, Berry Energy Const. (Sign Name) Well Operator P.O. Box 5	make, or are requirement (10) days. • mained coal operate before, or on the prima. Inc. % altants & Mgrs
ea Code 304 -348-3092 348-3096 City or Town West Virginia, 26301	OIL AND GAS WELL ORIGINALLY DRILLE The enclosed plat was prepared by a registered engineer re been notified as of the above date. The above named coal owners and/or operator are hereby make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address— ne day with the mailing or delivery of this copy to the De EASE SUBMIT COPIES OF ALL OPHYSICAL LOGS DIRECTLY TO: FICE OF OIL AND GAS Address Address	notified that any objection they wish to n filed with the Department of Mines within y registered mail, or delivered to the above repartment of Mines at Charleston, West Virgous J. & J. Enterprise, Very truly yours, Berry Energy Consu. (Sign Name) Well Operator P.O. Box 5 Suite 309 Professional	make, or are requirement (10) days. • mained coal operate before, or on the mina. Inc. % altants & Mgrs
West Virginia, 26301	The enclosed plat was prepared by a registered engineer rebeen notified as of the above date. The above named coal owners and/or operator are hereby make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address to day with the mailing or delivery of this copy to the Delease SUBMIT COPIES OF ALL OPHYSICAL LOGS DIRECTLY TO: Address SUBMIT COPIES OF ALL OPHYSICAL LOGS DIRECTLY TO:	notified that any objection they wish to n filed with the Department of Mines within y registered mail, or delivered to the above repartment of Mines at Charleston, West Virgous J. & J. Enterprise, Very truly yours, Berry Energy Const. (Sign Name) Well Operator P.O. Box 5 Street	make, or are requirement (10) days. • mained coal operate before, or on the prima. Inc. % altants & Mgrs
	The enclosed plat was prepared by a registered engineer re been notified as of the above date. The above named coal owners and/or operator are hereby make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address—ne day with the mailing or delivery of this copy to the Delease SUBMIT COPIES OF ALL OPHYSICAL LOGS DIRECTLY TO: FICE OF OIL AND GAS Address of Washington Street, East of Well Operator are hereby and operator are hereby make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address — and day with the mailing or delivery of this copy to the Delease Submit Copies of ALL OPHYSICAL LOGS DIRECTLY TO: Well Operator are hereby make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address — and day with the mailing or delivery of this copy to the Delease Submit Copies of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address — and day with the mailing or delivery of this copy to the Delease — and day with the mailing or delivery of this copy to the Delease — and day with the mailing or delivery of this copy to the Delease — and day with the mailing or delivery of this copy to the Delease — and day with the mailing or delivery of this copy to the Delease — and day with the mailing or delivery of this copy to the Delease — and day with the mailing or delivery of this copy to the Delease — and day with the mailing or delivery of this copy to the Delease — and day with the mailing or delivery of this copy to the Delease — and day with the mailing or delivery of this copy to the Delease — and day with the mailing of the Delease — and day with the mailing or delivery of this copy to the Delease — and day with the maili	notified that any objection they wish to notified with the Department of Mines within y registered mail, or delivered to the above repartment of Mines at Charleston, West Virgous J. & J. Enterprise, Very truly yours, Berry Energy Consu. (Sign Name) Well Operator P.O. Box 5 Suite 309 Professional Street Clarksburg	make, or are requirement (10) days. • mained coal operate before, or on the prima. Inc. % altants & Mgrs
	The enclosed plat was prepared by a registered engineer re been notified as of the above date. The above named coal owners and/or operator are hereby make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address—ne day with the mailing or delivery of this copy to the Delease SUBMIT COPIES OF ALL OPHYSICAL LOGS DIRECTLY TO: FICE OF OIL AND GAS Address of Washington Street, East of Well Operator are hereby are been notified as a series of well operator.	notified that any objection they wish to notified that any objection they wish to notified with the Department of Mines within the Properties of Mines within the Same day day expertment of Mines at Charleston, West Virgous J. & J. Enterprise, Very truly yours, Berry Energy Const. (Sign Name) Well Operator P.O. Box 5 Suite 309 Professional Street Clarksburg City or Town	make, or are requirement (10) days. • mained coal operator before, or on the mina. Inc. % altants & Mgrs.

"SECTION 3.... If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

47-033-2654

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

	Y				
PROPOSED WORK ORDER TO					
DRILLING CONTRACTOR: (If		RESPONSIBLE AGENT: NAME Berry Energy Consultants & Mgrs. ADDRESS P.O. Box 5, Clarksburg, W. Va. 26301			
NAME S.W. Jack Drilling ADDRESS P.O. Box 48, Buck	channon W. Va. 26201				
ADDRESS	diamitor, wave 20201		450		
TELEPHONE472-9403	40001				
ESTIMATED DEPTH OF COMPL	•	ROTARYX	CABLE TOOLS		
PROPOSED GEOLOGICAL FORM					
TYPE OF WELL: OIL_			GE DISPOSAL		
	RECYCLI	NG WATER F	CLOOD OTHER		
TENTATIVE CASING PROGRAM	1:	•			
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL.	CEMENT FILL UBGG. OR SACKS - CUBIC FT.		
20 - 16					
13 - 10					
XXXXX 11-3/4	30'	30'			
8 - 5/8	1100'	1100'	To Surface		
7					
5 ½					
4 1/2					
3			Pert. Top		
2			Perf. Bottom		
Liners			Perf. Top Perf. Bottom		
TO DRILL:	•		BOND AND PERMANENT COPY		
	OF OG - 1, SHOWING ORIG TO 1929, A PERMANENT C		O AND PERFORMANCE BOND. ON D THE ORIGINAL WELL RECORD		
TO FRACTURE - STIMULATE:		en e	and the second s		
BOND, PERMANENT PLAT	' AND ORIGINAL WELL RE	CORD.	(5) COPIES OG - 1, PERFORMANCE		
	RIGINALLY DRILLED ON A JMBER, AND PERFORMANCE		1929, FIVE COPIES OG - 1, SHOW-		
Required forms must be file four (24) hours in advance.	d within ninety (90) days of	completion for bond release	se. Inspector to be notified twenty,		
•					
	·	name statement towns			
•					
The following waiver must thereof.	be completed by the coal op	erator if the permit is to	be issued within ten days of receipt		
•	ent forned and place on our mine n		vner or Operator of the coal under ocation.		
We the	Coal Company	have no objections to sai	d well being drilled at this location, and 7, Chapter 22 of the West Virginia		
· Code.	·				

For Coal Company