

UCT 1 9 1979

Sanond mending no formation Nonth

			ivision!							1	
ĺ	F-17	. OF	MIN		STATE	OF WEST V	IRGINIA		Daten	Hug 23	, 19Z
PORM :			DE	PARTME	WT OF	MINES, OIL	AND GAS D	IVISION	Uperator	135	
(Obvei	rse)				WELL.	OPERATOR'S	REPORT Se			STARKEY	•
[08-78	<b>5</b> ,	(h) 4 <b>7</b> (		15 1742 1		OF	7-	LOMA 1	API Wei	State Cour	5 -068
		UM 11	eri Hira i i	Maria Maria	19 19 14 2	7/UN 13/11/15/16	<u> </u>	<u> </u>	CHANGE.	137 166 (7.5ta).	i.y iwimi
WELL TYPE:	011 1	, ,	Xee	/ 1.10	uild T	niection	/ Was	ta Dian	.0001 /		
~ <i>DDD</i> 111. <b>D</b> .				_		•				Shallow/	
								· · ·	. 7	Unallow/)	
LOCATION:				,							3917 321
						nty:	LER	Quad	rangle:	descar,	WA.
WELL OPERAT	OR E	V=C7	PTRO	LEU	-M		DESIGNATE	DAGENT	C.Z.	PLACE TAKE	
and the second	60		* <del></del>						Box 35	//	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				/	. 7		*			ers WVA	
, A	- LUX	6,54	ing	, Kind	<i>*</i>	-	Maria Maria			10°0	-
PERMITTED W	DRK: Di	0111 ×	/ 00	nvert		Drill deep	per/	Redrii		icture of the	late
								. "	X SEP 2		
		. 17					y)		7	2 10/0	
		ciiet pi	1,51041	c nange	A., #4	· · · · · · · · · · · · · · · · · · ·	J /		OIL & GA	DIVISION	
							· ) [1:4:34:3			FMINES	
PERMIT ISSU	ED ON _	4	-25	5	19.2	industrial and the second	OIL I DAS	INSPE	TOR FOR THE	o work:	
(IF APPLICA	BLE: P	LUGGIN	G OF DRY	HOLE	ON		NAME -	1/4/1	TRACI		
	UOUS PR						Addr	ess _/	UDDLER	POURNE, Y	Va-
	<del>.</del>		, 19		<b>-</b>	1		:		/	
GEOLOGICAL	TARGET	FORMAT	ION:	FIF	th	Savo			Depth 3	90 "0	A STATE OF THE PARTY OF THE PAR
Depth	of comp	leted v	well.	3/20	f	eet Ro	tary X/	Cabl	le Tools		-
							MA fee		7		
Coal	str <b>ata</b> eam dep	thai	WIn	- seps					area?	<u></u>	
			/ '						5-22		: ) <b>4</b>
WOPK W	as comm	enced .		1-{		, 19 <u>77_</u> ,	And compr	ered		. 19_2	
CASING AND	TUBING	PROGRA	M								<i>,</i> *.
CASING OR	11	SPEC	IFICATIO	ONS		FOOTAGE	INTERVALS	# #CE	MENT FILL-U	P <b>i</b> Packe	RS.
TUBING TYPE		1	Weight	) }			Left in	1	OR SACKS		
Contuetos	113/	o. auc		×		, q. 111111	160'	***	100 sks		
<u>Conductor</u>	1		20#	` .				, (		Kinds	
Fresh water	8		20	-		<del>-                                      </del>	895	-V	905KC		
Coal	<del>}</del>			-	-41		+			Sizes	
<u>Intermediat</u>	e		7			·	+	<del>,  </del>			<del></del>
Production	4/2		10.5#	<b>X</b>	_		3/50	- 5	tosks.	Depths set	
Tubing	#				_	· · · · · · · · · · · · · · · · · · ·			<del>/</del>		
Linera	Politica de la composición dela composición de la composición de la composición de la composición dela composición de la composición dela composición dela composición de la c	and the same of th	and the second second				ye ta yezer ere		es e l'arrane e <del>ntre</del> r qu	Perforations:	
						<b>,</b>				Top	Bottom
				ŀ					* * * * * * * * * * * * * * * * * * * *		
appear to the second account of the second	1							18 20 0 20		- Company of the Company	
OPEN FLOW D	ATA				er yan er engele er yan en			of and a	in treate mentil America (中代) (中代) 明本學師	ennement - Spirite - Spirite Park (1994) - Spirite (1994) - Start (1994) - Spirite (1994)	,
	ing form	nation	· (30	MDO.	ſ	Kennya en		. Pa	y zone dent	n 2900	reat
	ası Ini					Mas/d	011: Tai		en flow, 👱		
			n flow;		4	Mor/a	*		riow, $\Delta$		
	1.71		n ilow, of ope	4.	46	MICH	<b>"</b>				4 1070
	) net= ==							No. of the State of	or the all that the last the	n NOV 1	4 13/3
			-				much a lene	nv/ Alt	77	A description	
	pitoabio	aus t	o muiti	pre oou	ip i.e t i	0n }		7	12.14年第二月第二	经抵抗的 医二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲	

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

PERFORATIONS

13 ,50 Hours

2900' - 2942'

FRACTURING

1500 Boul and Joseph SAND

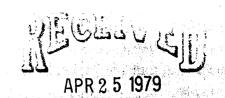
WELL LOG

FORMATION	Color	liand or Soft	Top Feet	Borton	Instuding Indiase	in of all fresh
1ST CON RUN	SAND	5017	AUD FUEL OF	-cmp		pal. All and Eas
ZND CON RUN	SOND	50tT	/ //	U	> No Log	AVAIL ARCE
SALT SAND	SAND	SAT			DATHIST	NEZVAL
MAXTON	SAND	SJin-Hans	1590	1650		
	•		5/9/8	( A ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )		
PENCIC CANE	SHALE	SIGT	1,758	1760		
BigLime	LIME	HALD	1810	1822	in in the second of the second	
<ul> <li>大会の発表のようと、もなり、このは必要も数にあっているとも認ってまる。</li> </ul>		512	0 1			
KEENER		Soft 1				
13,9 INJUN	Sanda Shalf	HARD	1980	2/62		
	Ca					
SqUAW	2 4Nb	MARA	2112	2124		
WEIR	SAND A	4 ARD	2328	2392		
BEREA	SAND	HARD	71164			
	: پران در د د م		2907	-488		
GORDON	5127-STUM	744	2880	2930	GNS	
	92.5	_ 1	<b>₽</b> ∞			
FIFTESAND	SHALE!	)6,71	1200	- <b>~</b>		
				3/50	D.	
				M		
		The state of the s				
		(Attac	* errore	others to	samplese as neverse	
		<u>.</u>	lin 6	MRC	Heale - 14	16
		<b>/#</b>	Well Opera	tos	TUITING 10	atting 12

NOTE: Regulation \$.02(t) provides as follows:

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





## Oil and Gas Division

OIL & GAS DIVISION DEPT. OF MINES

## OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES, Charleston, W. Va.	DATE 4-19-79	
그를 살으면 하는 사람들은 경기를 가게 되었습니다. 그렇게 하는 사람들은 중점을 하는 것들이 하는 사람들은 사람들은 사람들이 되었습니다.		
Surface Owner Clair Starkey		
Address Sistersville, W. Va.	- N-	
Mineral Owner Clair Starkey		
Address Sistersville, W. Va.	Location (waters) Badger Run	The state of the s
Coal Owner Clair Starkey		Elevation 1087.7
Address Sistersville, W. Va.	District Lincoln	County Tyler
Coal Operator None	Quadrangle Paden City	
Address		
THIS PERMIT MUST BE POSTED AT THE WELL S	TTE	
All provisions being in accordance with Chapter 2 of the W. Va. Code, the location is hereby approv for <u>drilling</u> . This permit shall expire operations have not commenced by 12-26-79	ed INSPECTOR TO BE NOTIFIED Philip Trac	
		39
Deputy Director - Oil & Gas Division	PHONE 758-4573	
		and the control of th
GENTLEMEN		
GENTLEMEN:		
The undersigned well operator is entitled to drill upon	the above named farm or tract of land for	
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas	the above named farm or tract of land for each detect OCt. 4 19 78	John
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas Richmond made to James T. Emes	the above named farm or tract of land for elected Oct. 4 19 78 beginning and recorded on the 4th	John
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas Richmond made to James T. Emes 19.78 in Tyler County, Book 21.7	the above named farm or tract of land for the dated OCt. 4 19 78 to detect and recorded on the 4th	oy John day of Oct.
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas Richmond made to James T. Emes 19.78 in Tyler County, Book 21.7	the above named farm or tract of land for the dated OCt. 4 19 78 to detect and recorded on the 4th	oy John day of Oct.
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas Richmond made to James T. Emes 19.78 in Tyler County, Book 217	the above named farm or tract of land for ended of the dated OCt. 4 19 78 to the dated and recorded on the 4th Page 9 FRACTURE	oy John day of Oct.
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas Richmond made to James T. Emes 19.78 in Tyler County, Book 21.7  X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILL	the above named farm or tract of land for elected OCt. 4 19 78 to detect and recorded on the 4th Page 9 FRACTURE LED BEFORE JUNE 5, 1969.	John day of Oct.  RE OR STIMULATE
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas Richmond made to James T. Emes 19.78, in Tyler County, Book 21.7  X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILL The enclosed plat was prepared by a registered engineer.	the above named farm or tract of land for elected OCt. 4 19 78 to detect and recorded on the 4th Page 9 FRACTURE LED BEFORE JUNE 5, 1969.	John day of Oct.  RE OR STIMULATE
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas Richmond made to James T. Emes 19.78 in Tyler County, Book 21.7  X NEW WELL DRILL DEEPEROIL AND GAS WELL ORIGINALLY DRILL The enclosed plat was prepared by a registered enginee have been notified as of the above date.	the above named farm or tract of land for the dated OCt. 4 19 78 to detect the dated on the Ath Page 9 FRACTURE FRACTURE LED BEFORE JUNE 5, 1969.	day of OCt.  RE OR STIMULATE  mers and/or operators
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas Richmond made to James T. Emes 19.78, in Tyler County, Book 21.7  X NEW WELL DRILL DEEPEROIL AND GAS WELL ORIGINALLY DRILL The enclosed plat was prepared by a registered enginee have been notified as of the above date.  The above named coal owners and/or operator are herely	the above named farm or tract of land for the dated OCt. 4 19 78 to detect the dated OCt. 4 19 78 to detect the dated on the Ath Page 9 FRACTURE FRACTURE LED BEFORE JUNE 5, 1969.  BY notified that any objection they wish to detect the date of the	day of OCt.  RE OR STIMULATE  mers and/or operators
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas Richmond made to James T. Emes 19.78 in Tyler County, Book 21.7  X NEW WELL DRILL DEEPEROIL AND GAS WELL ORIGINALLY DRILL The enclosed plat was prepared by a registered enginee have been notified as of the above date.	the above named farm or tract of land for ended dated Oct. 4 19 78 to and recorded on the 4th Page 9 FRACTURED BEFORE JUNE 5, 1969.  The or licensed land surveyor and all coal ower or filed with the Department of Mines within by registered mail, or delivered to the above day — day	day of Oct.  day of Oct.  RE OR STIMULATE  mers and/or operators  make, or are required ten (10) days. *  named coal operators  before, or on the
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas Richmond made to James T. Emes 19.78, in Tyler County, Book 21.7 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILL The enclosed plat was prepared by a registered enginee have been notified as of the above date.  The above named coal owners and/or operator are herel to make by Section 3 of the Code, must be received by, o Copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective address—same day with the mailing or delivery of this copy to the	the above named farm or tract of land for ended dated Oct. 4 19 78 to and recorded on the 4th Page 9 FRACTURED BEFORE JUNE 5, 1969.  The or licensed land surveyor and all coal ower or filed with the Department of Mines within by registered mail, or delivered to the above day — day	day of Oct.  day of Oct.  RE OR STIMULATE  mers and/or operators  make, or are required ten (10) days. *  named coal operators  before, or on the
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas Richmond made to James T. Emes 19.78, in Tyler County, Book 21.7 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILL The enclosed plat was prepared by a registered enginee have been notified as of the above date.  The above named coal owners and/or operator are hereto make by Section 3 of the Code, must be received by, o Copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective address—same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL	the above named farm or tract of land for ended dated Oct. 4 19.78 had and recorded on the 4th Ath Page 9 FRACTURE.  ED BEFORE JUNE 5, 1969.  For or licensed land surveyor and all coal own by notified that any objection they wish to be refiled with the Department of Mines within by registered mail, or delivered to the above day Department of Mines at Charleston, West Vin Very truly yours,	day of Oct.  day of Oct.  RE OR STIMULATE  mers and/or operators  make, or are required ten (10) days. *  named coal operators  before, or on the
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas Richmond made to James T. Emes 19.78, in Tyler County, Book 21.7 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILL The enclosed plat was prepared by a registered enginee have been notified as of the above date.  The above named coal owners and/or operator are herel to make by Section 3 of the Code, must be received by, o Copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective address—same day with the mailing or delivery of this copy to the	the above named farm or tract of land for elected of the dated OCt. 4 19 78 km and recorded on the 4th Ath Page 9 FRACTURE LED BEFORE JUNE 5, 1969.  The or licensed land surveyor and all coal own by notified that any objection they wish to refiled with the Department of Mines within by registered mail, or delivered to the above day Department of Mines at Charleston, West Vir	day of Oct.  day of Oct.  RE OR STIMULATE  mers and/or operators  make, or are required ten (10) days. *  named coal operators  before, or on the
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas Richmond made to James T. Emes 19.78, in Tyler County, Book 21.7 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILL The enclosed plat was prepared by a registered enginee have been notified as of the above date.  The above named coal owners and/or operator are hereto make by Section 3 of the Code, must be received by, o Copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective address—same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL	the above named farm or tract of land for the dated Oct. 4 19 78 has and recorded on the 4th Ath Page 9 FRACTURE. FRACTURE LED BEFORE JUNE 5, 1969.  The or licensed land surveyor and all coal own by notified that any objection they wish to be filled with the Department of Mines within by registered mail, or delivered to the above day Department of Mines at Charleston, West Vin Very truly yours, (Sign Name) Well Operator	day of Oct.  day of Oct.  RE OR STIMULATE  mers and/or operators  make, or are required ten (10) days. *  named coal operators  before, or on the
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas Richmond made to James T. Emes 19.78 in Tyler County, Book 21.7 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILL The enclosed plat was prepared by a registered enginee have been notified as of the above date.  The above named coal owners and/or operator are herel to make by Section 3 of the Code, must be received by, o Copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective address—same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY	the above named farm or tract of land for the dated OCt. 4 19.78 km and recorded on the 4th Ath Page 9 FRACTURE LED BEFORE JUNE 5, 1969.  The or licensed land surveyor and all coal own by notified that any objection they wish to refiled with the Department of Mines within by registered mail, or delivered to the above day Department of Mines at Charleston, West Vin Very truly yours, (Sign Name) Well Operator Greek Street	day of Oct.  day of Oct.  RE OR STIMULATE  mers and/or operators  make, or are required ten (10) days. *  named coal operators  before, or on the
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas Richmond made to James T. Emes 19.78 in Tyler County, Book 21.7 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILL The enclosed plat was prepared by a registered enginee have been notified as of the above date.  The above named coal owners and/or operator are herel to make by Section 3 of the Code, must be received by, o Copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective address—same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879	the above named farm or tract of land for the dated OCt. 4 19.78 km and recorded on the 4th Ath Page 9 REDRILL FRACTURE LED BEFORE JUNE 5, 1969.  The or licensed land surveyor and all coal own by notified that any objection they wish to be filled with the Department of Mines within by registered mail, or delivered to the above day Department of Mines at Charleston, West Vir Very truly yours, (Sign Name) Well Operator 619 Laconia Bld.	day of Oct.  day of Oct.  RE OR STIMULATE  mers and/or operators  make, or are required ten (10) days. *  named coal operators  before, or on the
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas Richmond made to James T. Emes 19.78, in Tyler County, Book 21.7 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILL The enclosed plat was prepared by a registered enginee have been notified as of the above date.  The above named coal owners and/or operator are hereto make by Section 3 of the Code, must be received by, o Copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective address—same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879  MORGANTOWN, WEST VIRGINIA 26505	the above named farm or tract of land for the dated OCt. 4 19.78 km and recorded on the 4th Ath Page 9 FRACTURE LED BEFORE JUNE 5, 1969.  The or licensed land surveyor and all coal own by notified that any objection they wish to refiled with the Department of Mines within by registered mail, or delivered to the above day Department of Mines at Charleston, West Vin Very truly yours, (Sign Name) Well Operator Greek Street	day of Oct.  day of Oct.  RE OR STIMULATE  mers and/or operators  make, or are required ten (10) days. *  named coal operators  before, or on the
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or leas Richmond made to James T. Emes 19.78 in Tyler County, Book 21.7 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILL The enclosed plat was prepared by a registered enginee have been notified as of the above date.  The above named coal owners and/or operator are herel to make by Section 3 of the Code, must be received by, o Copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective address—same day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879	the above named farm or tract of land for the dated OCt. 4 19.78 to and recorded on the 4th Page 9 REDRILL FRACTURE LED BEFORE JUNE 5, 1969.  The or licensed land surveyor and all coal own by notified that any objection they wish to be refiled with the Department of Mines within by registered mail, or delivered to the above day Department of Mines at Charleston, West Vir Very truly yours,  (Sign Name) Well Operator Grees Street Wheeling	day of Oct.  day of Oct.  RE OR STIMULATE  mers and/or operators  make, or are required ten (10) days. *  named coal operators  before, or on the

\*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.

CASH DEPOSIT HELD BY TREASURER

47-095-0689

PERMIT NUMBER

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

	DRILL	IJEEPEN	ED A CYPLIDE CONTRACTOR OF THE
DRILLING CONTRACTOR:		RESPONSIBLE AGEN	
NAME Little Swiss	Drilling		iggs, Inc.
ADDRESS _ Buchannon,	W. Va.	ADDRESS S+ M	arys, W. Va.
<b>TELEPHONE</b> 472-63	96	TELEPHONE 684	-3974
	MPLETED WELL: 3190'	ROTARY X	CABLE TOOLS
PROPOSED GEOLOGICAL FO	ORMATION: Fifth Sand		
TYPE OF WELL: O	IL GAS	COMB. X STORAC	E DISPOSAL
	RECYC	LING WATER FI	OOD OTHER
TENTATIVE CASING PROGR		•	
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN	CIMINITALLE
0 - 16	DRILLING	WELL	OR SACKS CUBIC LL
3 - 10			
- 5/8	,		
- 5/H 250 !		2504	
		250'	cement_top-bottom
1/2			
1/3		3190'	200
			200 sks.
ners	•		
nets			Perf. Top
			Perf. Bottom
COAL BEING MINED IN T	SNO	<b>1</b>	
DRILL:	No. N. Committee	BY WHOM?	
DURILL:		BY WHOM?	
SUBMIT FIVE (5) COPIE OF PLAT.	S OF OG 1, \$100.00 PERM	BY WHOM?	
SUBMIT FIVE (5) COPIES OF PLAT. DRILL DEEPER OR REDRI	S OF OG 1, \$100.00 PERM	BY WHOM?BY WHOM?	OND AND PERMANENT COP
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRI SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT	S OF OG 1, \$100.00 PERM ILL: S OF OG 1, SHOWING ORIG TO 1929, A PERMANENT C TED.	BY WHOM?BY WHOM?	OND AND PERMANENT COP
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRICE SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT FRACTURE - STIMULATE:	S OF OG 1, \$100.00 PERM ILL: S OF OG 1, SHOWING ORIG TO 1929, A PERMANENT C	BY WHOM?  IT FEE, PERFORMANCE B  INAL PERMIT NUMBER AN OPY OF THE PLAT AND 1	OND AND PERMANENT COR D PERFORMANCE BOND. OF THE ORIGINAL WELL RECOR
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRICATION SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT FRACTURE - STIMULATE: OIL AND/OR GAS WELL ( BOND, PERMANENT PLAT	S OF OG 1, \$100.00 PERM  ILL: S OF OG 1, SHOWING ORIG TO 1929, A PERMANENT C  TED.  ORIGINALLY DRILLED BEFO T AND ORIGINAL WELL REC	BY WHOM?  IT FEE, PERFORMANCE B  INAL PERMIT NUMBER AN OPY OF THE PLAT AND T	OND AND PERMANENT COP  ID PERFORMANCE BOND. OF THE ORIGINAL WELL RECOR  COPIES OG. 1, PERFORMANCE
SUBMIT FIVE (5) COPIES OF PLAT.  D DRILL DEEPER OR REDRICATION SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT  OFRACTURE - STIMULATE: OIL AND/OR GAS WELL OF BOND, PERMANENT PLAT OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NO	S OF OG 1, \$100.00 PERM  ILL: S OF OG 1, SHOWING ORIG TO 1929, A PERMANENT C  TED.  ORIGINALLY DRILLED BEFO T AND ORIGINAL WELL REC  DRIGINALLY DRILLED ON AN  UMBER, AND PERFORMANCE	BY WHOM?  IT FEE, PERFORMANCE B  INAL PERMIT NUMBER AN OPY OF THE PLAT AND T  RE JUNE 5, 1929, FIVE (5) ( CORD.  ND/OR AFTER JUNE 5, 1929 BOND.	OND AND PERMANENT COP  ID PERFORMANCE BOND. OF THE ORIGINAL WELL RECOR  COPIES OG: 1, PERFORMANCE
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRICATION SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT FRACTURE - STIMULATE: OIL AND/OR GAS WELL OF BOND, PERMANENT PLATE OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NO	S OF OG 1, \$100.00 PERM  ILL: S OF OG 1, SHOWING ORIG TO 1929, A PERMANENT C  TED.  ORIGINALLY DRILLED BEFO T AND ORIGINAL WELL REC  DRIGINALLY DRILLED ON AN  UMBER, AND PERFORMANCE	BY WHOM?  IT FEE, PERFORMANCE B  INAL PERMIT NUMBER AN OPY OF THE PLAT AND T  RE JUNE 5, 1929, FIVE (5) ( CORD.  ND/OR AFTER JUNE 5, 1929 BOND.	OND AND PERMANENT COP  ID PERFORMANCE BOND. OF THE ORIGINAL WELL RECOR  COPIES OG. 1, PERFORMANCE
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRICATION SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT FRACTURE - STIMULATE: OIL AND/OR GAS WELL OF BOND, PERMANENT PLATE OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NO	S OF OG 1, \$100.00 PERM  ILL:  S OF OG 1, SHOWING ORIG  TO 1929, A PERMANENT C  TED.  ORIGINALLY DRILLED BEFO  T AND ORIGINAL WELL REC  ORIGINALLY DRILLED ON AN  UMBER, AND PERFORMANCE  ed within ninety (90) days of c	BY WHOM?  IT FEE, PERFORMANCE B  INAL PERMIT NUMBER AN OPY OF THE PLAT AND T  RE JUNE 5, 1929, FIVE (5) ( CORD.  ND/OR AFTER JUNE 5, 1929 BOND.  completion for bond release.	OND AND PERMANENT COPIES OF 1, PERFORMANCE SOND. OF THE ORIGINAL WELL RECORES.  OPTES OG - 1, PERFORMANCE SOND - 1, SHOW Inspector to be notified twenty
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRICATION SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT FRACTURE - STIMULATE: OIL AND/OR GAS WELL OF BOND, PERMANENT PLATE OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NO	S OF OG 1, \$100.00 PERM  ILL:  S OF OG 1, SHOWING ORIG  TO 1929, A PERMANENT C  TED.  ORIGINALLY DRILLED BEFO  T AND ORIGINAL WELL REC  ORIGINALLY DRILLED ON AN  UMBER, AND PERFORMANCE  ed within ninety (90) days of c	BY WHOM?  IT FEE, PERFORMANCE B  INAL PERMIT NUMBER AN OPY OF THE PLAT AND T  RE JUNE 5, 1929, FIVE (5) ( CORD.  ND/OR AFTER JUNE 5, 1929 BOND.  completion for bond release.	OND AND PERMANENT COP  OPERFORMANCE BOND. OF THE ORIGINAL WELL RECOR  COPIES OG: 1, PERFORMANCE  FIVE COPIES OG: 1, SHOW  Inspector to be notified twenty
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRICATION SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT FRACTURE - STIMULATE: OIL AND/OR GAS WELL OF BOND, PERMANENT PLATE OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NO	S OF OG 1, \$100.00 PERM  ILL:  S OF OG 1, SHOWING ORIG  TO 1929, A PERMANENT C  TED.  ORIGINALLY DRILLED BEFO  T AND ORIGINAL WELL REC  ORIGINALLY DRILLED ON AN  UMBER, AND PERFORMANCE  ed within ninety (90) days of c	BY WHOM?  IT FEE, PERFORMANCE B  INAL PERMIT NUMBER AN OPY OF THE PLAT AND T  RE JUNE 5, 1929, FIVE (5) ( CORD.  ND/OR AFTER JUNE 5, 1929 BOND.	OND AND PERMANENT COP  OPERFORMANCE BOND. OF THE ORIGINAL WELL RECOR  COPIES OG: 1, PERFORMANCE  9. FIVE COPIES OG: 1, SHOW  Inspector to be notified twenty
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRICATION SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT FRACTURE - STIMULATE: OIL AND/OR GAS WELL OF BOND, PERMANENT PLATE OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NO Required forms must be file four (24) hours in advance.	S OF OG 1, \$100.00 PERM  ILL: S OF OG 1, SHOWING ORIG TO 1929, A PERMANENT C  TED.  ORIGINALLY DRILLED BEFO T AND ORIGINAL WELL REC  ORIGINALLY DRILLED ON AN  UMBER, AND PERFORMANCE  ed within ninety (90) days of c	BY WHOM?  IT FEE, PERFORMANCE B  INAL PERMIT NUMBER AN OPY OF THE PLAT AND T  RE JUNE 5, 1929, FIVE (5) ( CORD.  ND/OR AFTER JUNE 5, 1929 BOND.  completion for bond release.	OND AND PERMANENT COP  TO PERFORMANCE BOND. OF THE ORIGINAL WELL RECOR  COPIES OG. 1, PERFORMANCE  9. FIVE COPIES OG. 1, SHOW  Inspector to be notified twenty
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRICATION SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT  FRACTURE - STIMULATE: OIL AND/OR GAS WELL OF BOND, PERMANENT PLATE OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NO Required forms must be file four (24) hours in advance.	S OF OG 1, \$100.00 PERM  ILL: S OF OG 1, SHOWING ORIG TO 1929, A PERMANENT C  TED.  ORIGINALLY DRILLED BEFO T AND ORIGINAL WELL REC  ORIGINALLY DRILLED ON AN  UMBER, AND PERFORMANCE  ed within ninety (90) days of c	BY WHOM?  IT FEE, PERFORMANCE B  INAL PERMIT NUMBER AN OPY OF THE PLAT AND T  RE JUNE 5, 1929, FIVE (5) ( CORD.  ND/OR AFTER JUNE 5, 1929 BOND.  completion for bond release.	OND AND PERMANENT COP  TO PERFORMANCE BOND. OF THE ORIGINAL WELL RECOR  COPIES OG. 1, PERFORMANCE  9. FIVE COPIES OG. 1, SHOW  Inspector to be notified twenty
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRICATION SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT  FRACTURE - STIMULATE: OIL AND/OR GAS WELL ( BOND, PERMANENT PLATE) OIL AND/OR GAS WELL ( ING ORIGINAL PERMIT NO Required forms must be file four (24) hours in advance.  The following waiver must eof.	S OF OG 1, \$100.00 PERM  ILL:  S OF OG 1, SHOWING ORIG  TO 1929, A PERMANENT C  TED.  ORIGINALLY DRILLED BEFO  T AND ORIGINAL WELL REC  ORIGINALLY DRILLED ON AI  UMBER, AND PERFORMANCE  ed within ninety (90) days of c	BY WHOM?  IT FEE, PERFORMANCE B  INAL PERMIT NUMBER AN OPY OF THE PLAT AND T  RE JUNE 5, 1929, FIVE (5) ( CORD.  ND/OR AFTER JUNE 5, 1929 BOND.  completion for bond release.	OND AND PERMANENT CORE OPERFORMANCE BOND. OF THE ORIGINAL WELL RECORE COPIES OG. 1, PERFORMANCE 9. FIVE COPIES OG. 1, SHOW Inspector to be notified twenty
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRICED SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITTS  FRACTURE - STIMULATE: OIL AND/OR GAS WELL OF BOND, PERMANENT PLATE OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NURSE ORIGINAL PERMIT NURSE ORIGINAL PERMIT NURSE ORIGINAL PERMIT NURSE	S OF OG 1, \$100.00 PERM  ILL: S OF OG 1, SHOWING ORIG TO 1929, A PERMANENT C  TED.  ORIGINALLY DRILLED BEFO T AND ORIGINAL WELL REC  ORIGINALLY DRILLED ON Al  UMBER, AND PERFORMANCE  ed within ninety (90) days of c  be completed by the coal ope	IT FEE, PERFORMANCE B  INAL PERMIT NUMBER AN OPY OF THE PLAT AND T  RE JUNE 5, 1929, FIVE (5) (CORD.  ND/OR AFTER JUNE 5, 1929 BOND.  Completion for bond release.	OND AND PERMANENT CORE OPERFORMANCE BOND. OF THE ORIGINAL WELL RECORE COPIES OG: 1, PERFORMANCE 9. FIVE COPIES OG: 1, SHOW Inspector to be notified twenty
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRICATION SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT  FRACTURE - STIMULATE: OIL AND/OR GAS WELL OF BOND, PERMANENT PLATE OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NO Required forms must be file four (24) hours in advance.  The following waiver must eof.  IVER: I the undersigned, Age this lease have examin	S OF OG 1, \$100.00 PERM  ILL: S OF OG 1, SHOWING ORIG TO 1929, A PERMANENT C  TED.  ORIGINALLY DRILLED BEFO T AND ORIGINAL WELL REC  DRIGINALLY DRILLED ON AN  UMBER, AND PERFORMANCE  ed within ninety (90) days of c  ent for  led and place on our mine ma	BY WHOM?  IT FEE, PERFORMANCE B  INAL PERMIT NUMBER AN OPY OF THE PLAT AND T  RE JUNE 5, 1929, FIVE (5) ( CORD.  ND/OR AFTER JUNE 5, 1929 BOND.  completion for bond release.  rator if the permit is to be in  Coal Company, Owner ps this proposed well location	OND AND PERMANENT COP  TO PERFORMANCE BOND, OF THE ORIGINAL WELL RECOR  COPIES OG: 1, PERFORMANCE  9. FIVE COPIES OG: 1, SHOW  Inspector to be notified twenty  sued within ten days of receip or Operator of the coal under
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRICATION SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT  OIL AND/OR GAS WELL ( BOND, PERMANENT PLATE) OIL AND/OR GAS WELL ( ING ORIGINAL PERMIT NO Required forms must be file four (24) hours in advance.  The following waiver must reof.  IVER: I the undersigned, Age this lease have examin We the	S OF OG 1, \$100.00 PERM  ILL:  G OF OG 1, SHOWING ORIG  TO 1929, A PERMANENT C  TED.  ORIGINALLY DRILLED BEFO  T AND ORIGINAL WELL REC  ORIGINALLY DRILLED ON All  UMBER, AND PERFORMANCE  ed within ninety (90) days of c  ent for	IT FEE, PERFORMANCE B  INAL PERMIT NUMBER AN OPY OF THE PLAT AND T  RE JUNE 5, 1929, FIVE (5) (CORD.  ND/OR AFTER JUNE 5, 1929 BOND.  completion for bond release.  rator if the permit is to be in  Coal Company, Owner ps this proposed well location	OND AND PERMANENT COP  ID PERFORMANCE BOND. OF THE ORIGINAL WELL RECOR  COPIES OG. 1, PERFORMANCE  9. FIVE COPIES OG. 1, SHOW  Inspector to be notified twenty  saued within ten days of receip or Operator of the coal under on.
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRICATION SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT  FRACTURE - STIMULATE: OIL AND/OR GAS WELL ( BOND, PERMANENT PLATE) ING ORIGINAL PERMIT NO Required forms must be file four (24) hours in advance.  The following waiver must reof.  IVER: I the undersigned, Age this lease have examin We the	S OF OG 1, \$100.00 PERM  ILL:  G OF OG 1, SHOWING ORIG  TO 1929, A PERMANENT C  TED.  ORIGINALLY DRILLED BEFO  T AND ORIGINAL WELL REC  ORIGINALLY DRILLED ON All  UMBER, AND PERFORMANCE  ed within ninety (90) days of c  ent for	IT FEE, PERFORMANCE B  INAL PERMIT NUMBER AN OPY OF THE PLAT AND T  RE JUNE 5, 1929, FIVE (5) (CORD.  ND/OR AFTER JUNE 5, 1929 BOND.  completion for bond release.  rator if the permit is to be in  Coal Company, Owner ps this proposed well location	OND AND PERMANENT COPTED OF COPTED OF THE ORIGINAL WELL RECORD THE ORIGINAL WELL RECORD TO SHOW Inspector to be notified twenty.  Secued within ten days of receiptor Operator of the coal under on.
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRICATION SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT  FRACTURE - STIMULATE: OIL AND/OR GAS WELL ( BOND, PERMANENT PLATE) ING ORIGINAL PERMIT NO Required forms must be file four (24) hours in advance.  The following waiver must reof.  IVER: I the undersigned, Age this lease have examin We the	S OF OG 1, \$100.00 PERM  ILL:  G OF OG 1, SHOWING ORIG  TO 1929, A PERMANENT C  TED.  ORIGINALLY DRILLED BEFO  T AND ORIGINAL WELL REC  ORIGINALLY DRILLED ON All  UMBER, AND PERFORMANCE  ed within ninety (90) days of c  ent for	IT FEE, PERFORMANCE B  INAL PERMIT NUMBER AN OPY OF THE PLAT AND T  RE JUNE 5, 1929, FIVE (5) (CORD.  ND/OR AFTER JUNE 5, 1929 BOND.  completion for bond release.  rator if the permit is to be in  Coal Company, Owner ps this proposed well location	OND AND PERMANENT COPTON ON THE ORIGINAL WELL RECORD COPIES OG - 1, PERFORMANCE OF THE COPIES OG - 1, SHOW Inspector to be notified twenty.
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRICATION SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT  FRACTURE - STIMULATE: OIL AND/OR GAS WELL OF BOND, PERMANENT PLATE OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NOT Required forms must be file four (24) hours in advance.  The following waiver must be forms.  WER: I the undersigned, Age this lease have examin we the	S OF OG 1, \$100.00 PERM  ILL:  G OF OG 1, SHOWING ORIG  TO 1929, A PERMANENT C  TED.  ORIGINALLY DRILLED BEFO  T AND ORIGINAL WELL REC  ORIGINALLY DRILLED ON All  UMBER, AND PERFORMANCE  ed within ninety (90) days of c  ent for	IT FEE, PERFORMANCE B  INAL PERMIT NUMBER AN OPY OF THE PLAT AND T  RE JUNE 5, 1929, FIVE (5) (CORD.  ND/OR AFTER JUNE 5, 1929 BOND.  completion for bond release.  rator if the permit is to be in  Coal Company, Owner ps this proposed well location	OND AND PERMANENT COPTED ON AND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD COPIES OG - 1, SHOW Inspector to be notified twenty.  Secued within ten days of receipt or Operator of the coal under on.
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRICATION SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT  FRACTURE - STIMULATE: OIL AND/OR GAS WELL ( BOND, PERMANENT PLATE) ING ORIGINAL PERMIT NO Required forms must be file four (24) hours in advance.  The following waiver must reof.  IVER: I the undersigned, Age this lease have examin We the	S OF OG 1, \$100.00 PERM  ILL:  G OF OG 1, SHOWING ORIG  TO 1929, A PERMANENT C  TED.  ORIGINALLY DRILLED BEFO  T AND ORIGINAL WELL REC  ORIGINALLY DRILLED ON All  UMBER, AND PERFORMANCE  ed within ninety (90) days of c  ent for	IT FEE, PERFORMANCE B  INAL PERMIT NUMBER AN OPY OF THE PLAT AND T  RE JUNE 5, 1929, FIVE (5) (CORD.  ND/OR AFTER JUNE 5, 1929 BOND.  completion for bond release.  Coal Company, Owner ps this proposed well location lave no objections to said well lations in Articles 4, 5, and 7,	OND AND PERMANENT COR TO PERFORMANCE BOND. OF THE ORIGINAL WELL RECOR COPIES OG 1, PERFORMANCE  9. FIVE COPIES OG 1, SHOW  Inspector to be notified twenty  saued within ten days of receip or Operator of the coal under