

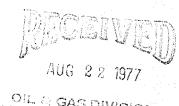
AUG 5



### STATE OF WEST VIRGINIA DEPARTMENT OF MINES

## Oil and Gas Division RECORD WELL

Quadrangle Holbrook



OIL 4 GAS DIVISION EFT. OF MINES

Rotary\_X\_Oil\_ Cable\_\_\_\_ Gas X

Quadrangle Holbrook Permit No. Gil-2861				Recycling_ Water Floo Disposal	od Storage
Company Stonestreet Lands Comp Address Box 350 Spencer, W.Va Farm Woofter-Reese		Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Location (waters) Road Run  Well No. 1  District Troy County Gi	Elev. 1123' Imer	Size 20-16 Cond.			
The surface of tract is owned in fee by	D.A.	13-10" 9 5/8			
Address Troy, W.Va.		8 5/8	209 '	209'	cement to surface
Mineral rights are owned by Woofter-F	leese	7			
Address Iroy, W. Va.		5 1/2			
Drilling Commenced /-10-//		4 1/2	2147'	2147'	100 sacks
Drilling Completed 7-21-77		3			
Initial open flow 25.000 cu. ft.	bbls.	2			
Final production 590,000 cu. ft. per day	bbls.	Liners Used			
Well openhrs. before tes	1RP.				
Coal was encountered at Fresh water 55 Producing Sand Blue Monday		1		es	
Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas o	or Water	* Remarks
Top Soil Red Rock Sand Shale Red Rock Sand Shale Red Rock Sand Lime Shale Shale	0 140 350 470 625 900 1015 1230 1400 1510	140 350 470 625 900 1015 1230 1400 1510 1625 1740			

Signed by .....





Oil and Gas Division DEFT. OF MINES

## OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,			
Charleston, W. Va.	DATE	July 18, 1977	
Surface Owner O. A. Woofter, heirs	Comps	nv_Stonestreet L	ands Company
Address Troy, West Virginia	-	ss_20x 350. Spence:	
Mineral Owner	Farm_	Moofter - Reese	Acres 514
Address Troy, West Virginia		on (waters) RORA NULL	120100
Coal Owner None		Page son	Elevation 1125
Address		PTY man, some	County
Coal Operator None		ingle 1010100k	County
Address	———— Quaura	ingle	
THIS PERMIT MUST BE POSTED AT THE WELL SIT	£		
All provisions being in accordance with Chapter 22 of the W. Va. Cade, the location is hereby approved	e, d inspecto		
for <u>drilling</u> . This permit shall expire	if TO BE NO	TIFIED Paul Good	11.cht
operations have not commenced by 11-15-77    January Director - Oil & Gas Division	· ADDRESS	Smithville, West	t Virginia
GENTLEMEN:			
The undersigned well operator is entitled to drill t			
title thereto, (or as the case may be) under grant or  made to  19, in County, Book	lease dated and an	d recorded on the	day of
NEW WELLDRILL DEEPE	R	EDRILLFRACT	URE OR STIMULATE
OIL AND GAS WELL ORIGINALLY D			
The enclosed plat was prepared by a registered en have been notified as of the above date.			owners and/or operators
The above named coal owners and/or operator are to make by Section 3 of the Code, must be received by	hereby notified thoy, or filed with t	at any objection they wish t he Department of Mines with	o make, or are required in ten (10) days. *
Copies of this notice and the enclosed plat were me or coal owners at their above shown respective addre	- 22	dav	before, or on the
same day with the mailing or delivery of this copy to	the Department of	of Mines at Charleston, West	Virginia.
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	Very truly (Sign Nam		and the second s
GEOTHISICAL LOGS DIRECTLY TO.	(5.51. 114111	Well Operator	
WEST VIRGINIA GEOLOGICAL AND		P. O. Bon 350	
ECONOMIC SURVEY	Address of	Street	
P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505	ell Operator	Spencer,	
AC-304 - 292-6331		City or Town	
		Vest Virgenia	25277
		State	
*SECTION 3 If no objections are filed or found notice and plat by the department of mines, to said proposed I the filing of such plat, that no objections have been made by the and the well operator authorized to proceed.	location, the departm	ent shall forthwith issue to the we	ll operator a permit reciting
ALANET ROED		GIL-2861	PERMIT NUMBER
"I have read and understand the reclamation requirements Chapter 22, Article 4, Section 12-b and will carry out the specifie	as set forth in drequirements."	47-021	



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

DRILLING CONTRACTOR: (If	. ~~				
DRILLING CONTRACTOR: (If Known)  NAME *** *** *** *** *** *** *** *** *** *		RESPONSIBLE AGENT:			
		NAME TARRY V. Stonestroot			
		ADDRESS 350 Spencer 1252			
		TELEPHONE 927-200			
ESTIMATED DEPTH OF COMPI	LETED WELL: 2200		CABLE TOOLS		
PROPOSED GEOLOGICAL FOR	MATION: Name In the				
	STORY MARKET	MP CMODAG	E DISPOSAL		
	RECYCLING	X WATER FL	OODOTHER		
ENTATIVE CASING PROGRAM	<b>M:</b> (4)				
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP		
0 - 16	THE RESIDENCE AND ADDRESS OF THE STATE OF TH	AATS FST	OR SACKS - CUBIC FT.		
3 - 10		THE PARTY OF THE P			
- 5/8	•				
- 5/8	2201	adin. 25%. 15h. 16			
	44 4 "	2201	Cement to surface		
1/2		en e	-   -		
1/2	2200	2200	70 aks.		
			Perf. Top Perf. Bottom		
ners		- Elektron State - Amerika			
			Perf. Bottom.		
DRILL:					
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRIL SUBMIT FIVE (5) COPIES ( WELLS DRILLED PRIOR T MUST ALSO BE SUBMITTE  FRACTURE - STIMULATE: OIL AND/OR GAS WELL OF	L: OF OG - 1, SHOWING ORIGINATO 1929, A PERMANENT COPTOD. RIGINALLY DRILLED BEFORE	AL PERMIT NUMBER ANY OF THE PLAT AND T	COPIES OG - 1, PERFORMANCE		
SUBMIT FIVE (5) COPIES OF PLAT.  Defile deeper or redrie SUBMIT FIVE (5) COPIES ( WELLS DRILLED PRIOR T MUST ALSO BE SUBMITTE  Define Fracture - Stimulate: OIL AND/OR GAS WELL OF BOND, PERMANENT PLAT OIL AND/OR GAS WELL OF	L: OF OG - 1, SHOWING ORIGINATO 1929, A PERMANENT COPTO D. RIGINALLY DRILLED BEFORE AND ORIGINAL WELL RECOR	AL PERMIT NUMBER ANY OF THE PLAT AND TO SUMME 5, 1929, FIVE (5) RD.	ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD COPIES OG - 1, PERFORMANCE		
OF PLAT.  D DRILL DEEPER OR REDRIL SUBMIT FIVE (5) COPIES ( WELLS DRILLED PRIOR T MUST ALSO BE SUBMITTE  D FRACTURE - STIMULATE: OIL AND/OR GAS WELL OF BOND, PERMANENT PLAT OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NUI	L: OF OG - 1, SHOWING ORIGINATO 1929, A PERMANENT COPTO CD. RIGINALLY DRILLED BEFORE AND ORIGINAL WELL RECOR	AL PERMIT NUMBER ANY OF THE PLAT AND TO SUMME 5, 1929, FIVE (5) RD.  OR AFTER JUNE 5, 192	ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD COPIES OG - 1, PERFORMANCE		
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRIL SUBMIT FIVE (5) COPIES ( WELLS DRILLED PRIOR T MUST ALSO BE SUBMITTE  FRACTURE - STIMULATE: OIL AND/OR GAS WELL OF BOND, PERMANENT PLAT OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NUI Required forms must be filed	L: OF OG - 1, SHOWING ORIGINATO 1929, A PERMANENT COPTO CD. RIGINALLY DRILLED BEFORE AND ORIGINAL WELL RECOR	AL PERMIT NUMBER ANY OF THE PLAT AND TO SUMME 5, 1929, FIVE (5) RD.  OR AFTER JUNE 5, 192	ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD COPIES OG - 1, PERFORMANCE 9, FIVE COPIES OG - 1, SHOW-		
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRIL SUBMIT FIVE (5) COPIES ( WELLS DRILLED PRIOR T MUST ALSO BE SUBMITTE  FRACTURE - STIMULATE: OIL AND/OR GAS WELL OF BOND, PERMANENT PLAT OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NUT  Required forms must be filed	L: OF OG - 1, SHOWING ORIGINATO 1929, A PERMANENT COPTO CD. RIGINALLY DRILLED BEFORE AND ORIGINAL WELL RECOR	AL PERMIT NUMBER ANY OF THE PLAT AND TO SUMME 5, 1929, FIVE (5) RD.  OR AFTER JUNE 5, 192	ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD COPIES OG - 1, PERFORMANCE 9, FIVE COPIES OG - 1, SHOW-		
SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRIL SUBMIT FIVE (5) COPIES ( WELLS DRILLED PRIOR T MUST ALSO BE SUBMITTE  FRACTURE - STIMULATE: OIL AND/OR GAS WELL OF BOND, PERMANENT PLAT OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NUT  Required forms must be filed	L: OF OG - 1, SHOWING ORIGINATO 1929, A PERMANENT COPTO CD. RIGINALLY DRILLED BEFORE AND ORIGINAL WELL RECOR	AL PERMIT NUMBER ANY OF THE PLAT AND TO SUMME 5, 1929, FIVE (5) RD.  OR AFTER JUNE 5, 192	ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD COPIES OG - 1, PERFORMANCE 9, FIVE COPIES OG - 1, SHOW-		
SUBMIT FIVE (5) COPIES OF PLAT.  Defile deeper or redrie Submit five (5) copies ( Wells drilled prior to Must also be submitte  Defined fracture - stimulate: Oil and/or gas well of Bond, permanent plat Oil and/or gas well of Ing original permit nut  Required forms must be filed four (24) hours in advance.  The following waiver must be	CL:  OF OG - 1, SHOWING ORIGINATO 1929, A PERMANENT COPTED.  RIGINALLY DRILLED BEFORE AND ORIGINAL WELL RECOPTED ON AND MBER, AND PERFORMANCE BOTTOM WITHIN THE PROPERTY OF TH	AL PERMIT NUMBER ANY OF THE PLAT AND TO SURE 5, 1929, FIVE (5) AND TO SURE 5, 1920 OND.  Appletion for bond release.	ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD COPIES OG - 1, PERFORMANCE 9, FIVE COPIES OG - 1, SHOW-		
SUBMIT FIVE (5) COPIES OF PLAT.  DOF PLAT.  SUBMIT FIVE (5) COPIES ( WELLS DRILLED PRIOR TO MUST ALSO BE SUBMITTE  DOF PRACTURE - STIMULATE:  OIL AND/OR GAS WELL OF BOND, PERMANENT PLAT  OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NUT  Required forms must be filed four (24) hours in advance.  The following waiver must be reof.  ALVER: I the undersigned, Agentaly and the proof.	CL:  OF OG - 1, SHOWING ORIGINATO 1929, A PERMANENT COPTOD.  RIGINALLY DRILLED BEFORE AND ORIGINAL WELL RECOPTORIGINALLY DRILLED ON AND MBER, AND PERFORMANCE BOTH Within ninety (90) days of completed by the coal operation	AL PERMIT NUMBER ANY OF THE PLAT AND TO THE PLAT AND TO THE PLAT AND TO THE STATE ST	ID PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD  COPIES OG - 1, PERFORMANCE  19, FIVE COPIES OG - 1, SHOW-  Inspector to be notified twenty-  issued within ten days of receipt  or Operator of the coal under		
SUBMIT FIVE (5) COPIES OF PLAT.  Definite Deeper or redrict submit five (5) copies ( Wells drilled prior to Must also be submitted of the following waiver must be filed four (24) hours in advance.  The following waiver must be recof.  AIVER: I the undersigned, Agenthis lease have examine We the	CL:  OF OG - 1, SHOWING ORIGINATO 1929, A PERMANENT COPTOD.  RIGINALLY DRILLED BEFORE AND ORIGINAL WELL RECOPTORIGINALLY DRILLED ON AND MBER, AND PERFORMANCE BOTH Within ninety (90) days of completed by the coal operations for	AL PERMIT NUMBER ANY OF THE PLAT AND TO SURE 5, 1929, FIVE (5) FRD.  OR AFTER JUNE 5, 1920 OND.  Appletion for bond release.  Or if the permit is to be this proposed well location of the	ID PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD  COPIES OG - 1, PERFORMANCE  19, FIVE COPIES OG - 1, SHOW-  Inspector to be notified twenty-  issued within ten days of receipt  or Operator of the coal under ion.  ell being drilled at this location,		
SUBMIT FIVE (5) COPIES OF PLAT.  D DRILL DEEPER OR REDRIL SUBMIT FIVE (5) COPIES ( WELLS DRILLED PRIOR T MUST ALSO BE SUBMITTE  OIL AND/OR GAS WELL OF BOND, PERMANENT PLAT OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NUI Required forms must be filed four (24) hours in advance.  The following waiver must be ereof.  AIVER: I the undersigned, Ager this lease have examine We the providing operator has considered.	Coal Company have	AL PERMIT NUMBER ANY OF THE PLAT AND TO SURE 5, 1929, FIVE (5) FRD.  OR AFTER JUNE 5, 1920 OND.  Appletion for bond release.  Or if the permit is to be this proposed well location of the	ID PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD  COPIES OG - 1, PERFORMANCE  19, FIVE COPIES OG - 1, SHOW-  Inspector to be notified twenty-  issued within ten days of receipt  or Operator of the coal under ion.  ell being drilled at this location.		

Official Title