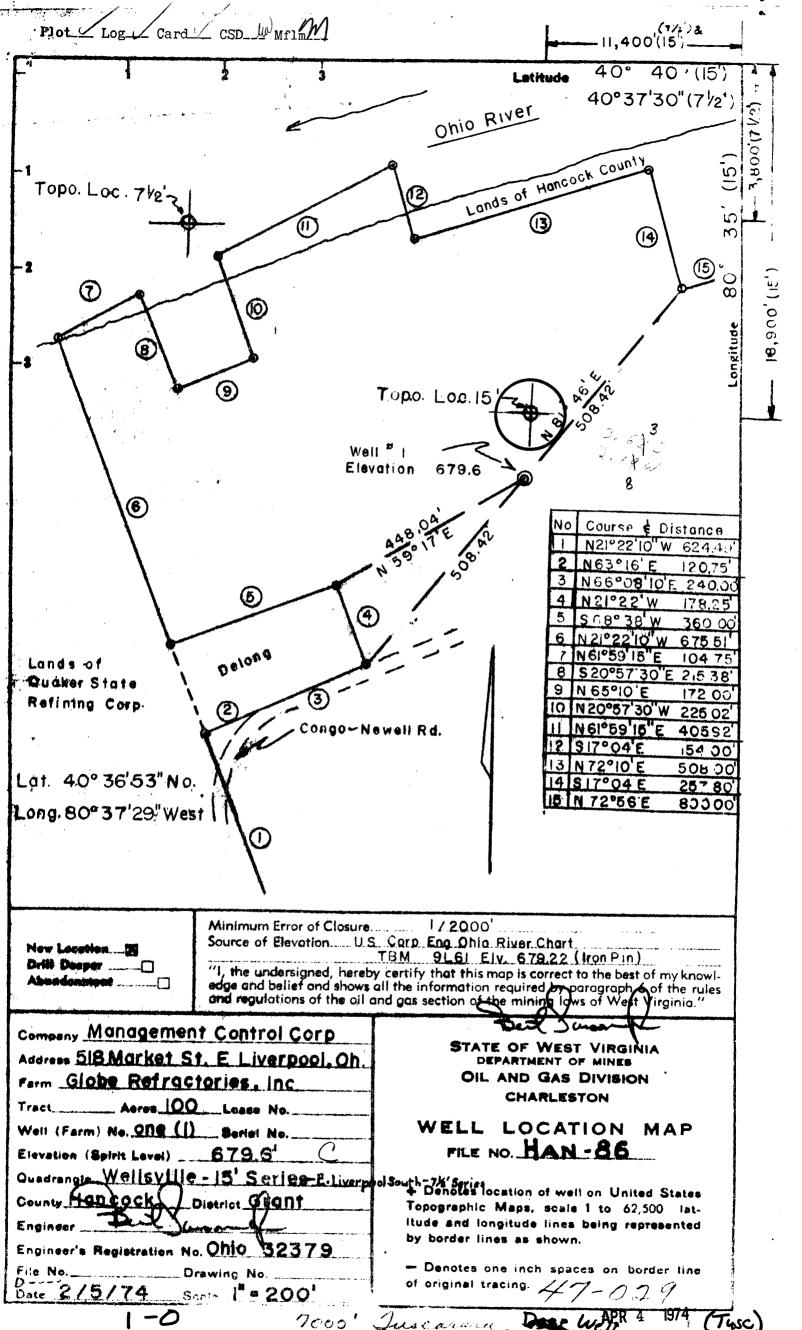


7000

Buscarara

Deepwel JUN 21 1974









OIL & GAS DIVE CIM DEFT. OF MINES

Rotary X Oil____

10 5.43

Oil and Gas Division WELL **RECORD** 3

Quadran	gle_Wellsy	ille Ohio,	W.	Va.
Permit I	No. Han-86	47-029		

	,	Cable	Gas
_{drangle} Wellsyille Ohio, W	'. Va.		Comb.
nit No. <u>Han-86</u> 47-029		Water Flood	Storage 'a

Company MANAGEMENT CONTROL CORP. Address P.O. Box 916	Casing		Used in	Left in Well	Cement fill up
Farm Globe Refractories #1 Acres 100	Tubir	ığ.	Drilling	in well	Cu. ft. (Sks.)
Location (waters) Ohio River, .95 mi.+N. of	Congo F	lun			
Well No. #1 Elev. 679.6'	20-16				
District Grant County Hancock	Cond.				
The surface of tract is owned in fee by	13-10" 1	1"	86	81.50	
Globe Refractories, Inc.	9 5/8				1
Address Newell, W. Va.	8 5/8		836'	817	w/250 sx cement
Mineral rights are owned by Same	7				
Address	5 1/2				
Drilling Commenced March 13, 1974	4 1/2			6466'	w/250 cu ft. of
Drilling Completed March 23, 1974	3				50/50 Poz mix,
Initial open flow cu. ft bbls.	2				[250 sx, 500 ga]
Final production cu. ft. per daybbls.	Liners Use	d			mud flush
Well openhrs. before test RP.					
***			_	_	

Well treatment details: Attach copy of cementing record.

5932-5940 w/16 0.56" dia. holes; tried acidizing w/500 gal of 28% acid did not break down at 4000#; no open flow recorded.

6347-6379 w/20 0.56" dia. holes; Dowell Frac w/1400 bbl to gel water & 300 sx 20/40 sd SICP 2200# instanetous

Coal was encountered at not encountered __Feet_ __ Inches Fresh water 86' __Feet _ _Salt Water__ _ Feet _ P & A Producing Sand_ _Depth _

				
Formation	Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water * Remarks
Berea	gray;silty sand- stone	B	532	gas & water
Devonian Shale	gray & black Shale	532	4045	Shale & gas
Onondaga	Lt. tan to buff L5	4045	4626	gas in Oriskany? 4414-22 est. 25M
Salina, dol., Shale,				
salt, Anh.		4626	5654	"F" salt top 4790'
Lockport, dol.,	Lt. grn. to buff tan & white	5654	5996	gas in Ohio Newburg 5832-40 es
	& Rochester inter- ol., & shale	5996	6108	

(over)

6108

6192

gray

Rochester

shale

^{*} Indicates Electric Log tops in the remarks section.

	•.		
Formation Color Hard or Soft	Top Feet 3	Bottom Feet	Oil, Gas or Water * Remarks
Irondeqoit Dolomitic Lime & shale	6192	6224	"Casing Shell"
Sodus green shale	6224	6246	
Reynales Dolomitic lm, hematite at base	6246	6266	Top Tuscarona
Thorold silty sand & shal red & gray	e 6266	6344	Tuscarawas sand 6266' "Stray Clinton"
Grimsby white sandstone, hard tite, quartzitic	6344	6404	Slight odor of gas "1st or Red Clinton"
Cabot Head gray shale	6404	6464	"Second Clinton or White" Sandstone absent
Total Depth Logged Cabot Head		6464	
Log Total Depth		6464	Juniata
Drillers Total Depth		6583	Hole fill-up due to sluthing shale at top of Big Lime.
DRY HOLE: WELL PLUGGED AND	ABANDONED	5/2/74.	6404
			5716
·			
			•

Date May 1	.5		1974
		•	

APPROVED Management Control Corp., Owner

Thomas P. Sanders (Title) Staff Geologist







OIL & GAS DIVISION DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATE February 14, 1974
Surface Owner Globe Refractories Inc.	Company Management Control Corporation
AddressNewell, West Virginia	Address 518 Market St., E. Liverpool, Ohi
Mineral Owner Same	Farm Globe Refractories, Inc. 100 ^{#342.0}
Address	Location (waters) This Riv 45 mi - NE mouth
Coal Owner Same	1 Congo Run
Address	District Grant County Hancock
Coal Operator None	F7 - 1 1 1 1 -
Address	2
title thereto, (or as the case may be) under grant or lease da Refining Corp. made toGlobe Refractories,	above named farm or tract of land for oil and gas, having fee sted 21 November 19 69 by Quaker State 0 Inc. and recorded on the 3rd day of December
1969, in Hancock County, Book 140	Page
X NEW WELLDRILL DEEPER	REDRILLFRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED	BEFORE JUNE 5, 1969.
have been notified as of the above date.	licensed land surveyor and all coal owners and/or operators
ine above named coal owners and/or operator are nereny n	Aiding that are abinetics the mile to make an are remained
to make by Section 3 of the Code, must be received by, or file	otified that any objection they wish to make, or are required ed with the Department of Mines within ten (10) days. *
to make by Section 3 of the Code, must be received by, or file	ed with the Department of Mines within ten (10) days. * registered mail, or delivered to the above named coal operators day before, or on the
Copies of this notice and the enclosed plat were mailed by ror coal owners at their above shown respective address same day with the mailing or delivery of this copy to the Department of the Copies of ALL PHYSICAL LOGS DIRECTLY TO:	registered mail, or delivered to the above named coal operators day before, or on the artment of Mines at Charleston, West Virginia.
Copies of this notice and the enclosed plat were mailed by ror coal owners at their above shown respective address same day with the mailing or delivery of this copy to the Department of the Logs DIRECTLY TO: 1. Virginia Geological and Economic Survey Address Address Address	registered mail, or delivered to the above named coal operators daybefore, or on the artment of Mines at Charleston, West Virginia. Wery truly yours, MANAGEMENT CONTROL CORPORATION (Sign Name) Well Operator Carl F. Pelini, Vice President 518 Market St.
Copies of this notice and the enclosed plat were mailed by ror coal owners at their above shown respective address same day with the mailing or delivery of this copy to the Department of the Logs DIRECTLY TO:	registered mail, or delivered to the above named coal operators day
Copies of this notice and the enclosed plat were mailed by record owners at their above shown respective address mame day with the mailing or delivery of this copy to the Department of the Logs of ALL CHYSICAL LOGS DIRECTLY TO: Virginia Geological and Economic Survey Address Address Address	registered mail, or delivered to the above named coal operators day

*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 on that the same is approved and the well operator authorized to proceed.

> Han-86 47-029 PERMIT NUMBER

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

PROPOSED WORK ORDER T	O X DRILL	DEEPEN F	RACTURE-STIMULATE	
DRILLING CONTRACTOR: (RESPONSIBLE AGENT:		
NAME Perkins & S		NAME Globe Refractories, Inc.		
ADDRESS R.D. 6 - Hi	ghway 40 West		, W. Va.	
Cambridge, TELEPHONE 614-439	Ohio 43725	TELEPHONE 387-1160		
ESTIMATED DEPTH OF COM				
PROPOSED GEOLOGICAL FOR		RUTARY	CABLE TOOLS	
TYPE OF WELL: OIL			E DISPOSAL	
•	RECYCLIN	G WATER FLO	OODOTHER	
TENTATIVE CASING PROGRA				
TENTATIVE CASING PROGRA	XM:			
CASING AND TUBING	USED FOR	LEFT IN	CEMENT FILL UP	
SIZE	DRILLING	WELL	OR SACKS - CUBIC FT.	
20 - 16				
13 - 10	125'			
9 - 5/8				
8 - 5/8	1000'			
7				
5 ½	5900' or			
4 ½	5900'			
3	·		Perf. Top	
2			Perf. Bottom	
Liners			Perf. Top	
			Perf. Bottom	
OF PLAT: TO DRILL DEEPER OR REDRI SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL (BOND, PERMANENT PLA' OIL AND/OR GAS WELL (ING ORIGINAL PERMIT N	S OF OG - 1, \$100.00 PERMIT LL: OF OG - 1, SHOWING ORIGIN TO 1929, A PERMANENT COL ED. ORIGINALLY DRILLED BEFOR T AND ORIGINAL WELL RECO ORIGINALLY DRILLED ON ANI UMBER, AND PERFORMANCE I	IAL PERMIT NUMBER AN PY OF THE PLAT AND T E JUNE 5, 1929, FIVE (5) (DRD. D/OR AFTER JUNE 5, 192 BOND.	OND AND PERMANENT COPY ID PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD COPIES OG - 1, PERFORMANCE 9, FIVE COPIES OG - 1, SHOW-	
WAIVER: I the undersigned, Ag this lease have examin		Coal Company, Owner this proposed well location		
providing operator has	complied with all rules and regula	ations in Articles 4, 5, and 7	7, Chapter 22 of the West Virginia	
		Fo	or Coal Company Official Title	