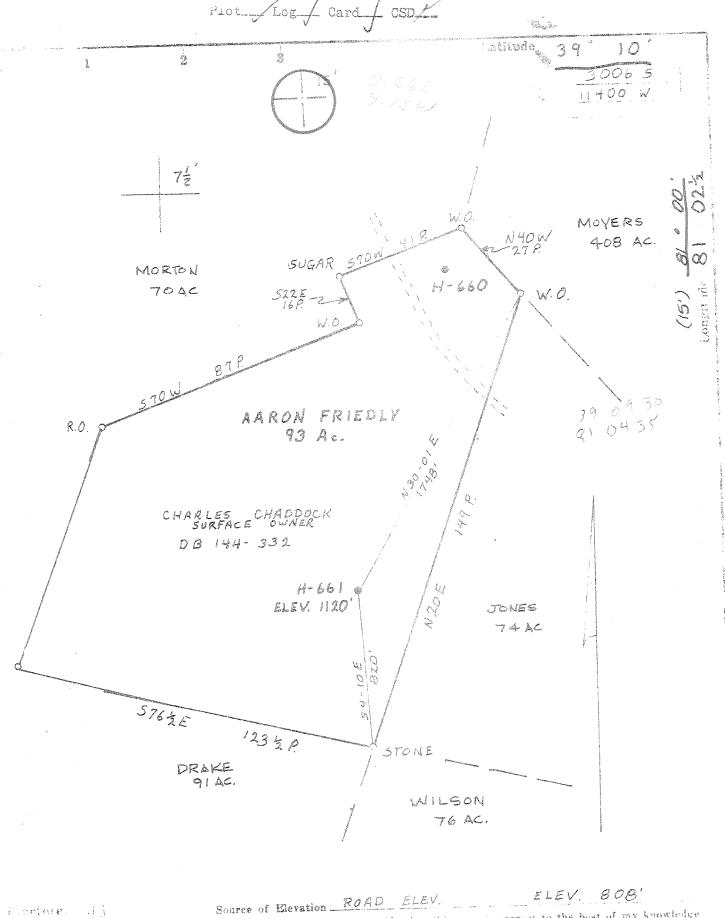


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6-60 MAHONE 124

"JAN 1 0 1979



New Lorstion Dell Deeper ___ William R. Marise Abandonment Company GLENN L. HAUGHT & SONS Address SMITHVILLE, W.VA. 26178 FRIEDLY, CHARLES CHADOGCK Arres 93 Lease No. Finct Well (Trum) No. H-661 Serial No.__ Elevator Cariff Level) 1/20' GARRISVILLE, W.VA. 72 QUAD County RITCHIE District MURPHY CONTROL WILLIAM R. MOSSOR Figure 2. Registration No. 4.4. S. #551

Drawing No.

Date 25 SEPT. 1978 Scale 1" = 30 P.

M. 63.

I, the undersigned, hereby rectify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph & of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Minimum accuracy, one part in 300

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION CHARLESTON

WELL LOCATION MAP FILE NO. RIT -4139

- Denotes location of well on United States Topographic Maps, scale I to CV 300 latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on bottler line of original tracing.

47-085



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

Oil and Gas Division

	•	WELL R	RECORD 3			Oil
Quadrangle <u>Harris</u> ville,	WV 7½°				Recycling_	Gas XX Comb.
Permit No. RIT-4139 47-085				, • • • •		1Storage(Kind)
Company Glenn L. Hau Address Smithville, W Farm Aaron Friedly	<u>. Va. 26</u>	5178	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Location (waters) Dog Ru Well No. H-661 District Murphy Co	n Electurate Dunty_Rite	v 1120' chie	Size 20-16 Cond.			
The surface of tract is owned in Chaddock	fee by <u>Ch</u> a	arles_	9 5/8	<u> </u>		
Address Rt.1, Harrisvi Mineral rights are owned by Le	o Trade:	r	8 5/8 7	203	203	75 Sacks
et al Address Rt.1, H Drilling Commenced 12-21-7 Drilling Completed 12-18-7	arrisvi. 8	lle, WV	5 1/2 4 1/2 3		2233	80 Sacks
Initial open flow Show Final production 420,000cu. f Well open hrs.	_cu.ft t.per day	bbls.	2 Liners Used			
Water 9,000 Lbs	3. 80-10	U Mesn Sa	nd 24,00	O LDS.	20-40 Me	esn sand.
Coal was encountered atNC	NE	Feet		Inch	ies	
Fresh water	Fee	:t	Salt V Depth	Vater Perfor	ations 5	Feet 36-2148 92136-2148 92208-2172
Formation Color Hard	or Soft	Top Feet	Bottom Feet	Oil, Gas o	or Water	* Remarks
Clay Red Shale Gray Sand Shite Shale Gray Slate (R.R.)Red Sand White Slate (R.R.)Red	Soft Soft Med. Soft Soft Hard Soft Hard	0 5 64 97 125 139 151	5 64 97 125 139 151 171 182		MAR.	EUVED) - 8 1979
Sand White Shale Gray Sand Gray	Soft Hard	182	210		OIL &	GAS DIVISION

(over)

240

270

305

360

408

416

438

456

466

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487

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466

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521

523

Red

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Gray

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Gray

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Gray

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Soft

Soft

Hard

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Soft

Soft

Soft

Soft

Soft

Slate

Slate

Sand

Slate

Slate

Slate

Slate

Sand

Red Rock

Red Rock

Red Rock

Red Rock

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

Formation	Color	Hard or Soft	Top Feeta4	Bottom Feet	Oil. Gas or Water	er * Kemark
Sand	Gray	Hard	523	532		
Slate	Gray	Soft	532	562	a	
Red Rock	Red	Soft	562	580	Projecto	
Slate	White	Soft	580	660	1. 14. 1	
Sand	White	Hard	660	716	1 1 1 1	
Red Rock	Red	Soft	716	726		
Slate	Gray	Med.	726	780		
Red Rock	Red	Soft	780	816	. • •	
Sand	Gray	Med.	816	830	The first of the second second	
Shale	Gray	Soft	830	920		
Red Rock	Red	Soft	920	935		
Shale	Gray	Soft	935	945		
Red Rock	Red	Soft	945	990		
Slate	Gray	Soft	990	1140	L	
Sand	White		1140	1160		
Slate	Gray	Soft	1160	1195		
Sand	White		1195	1257	19:	
Slate	Gray	Soft	1257	1267		
Sand	White		1267	1310		
		Med.	1310	1450		
Shale	Gray		1450	1490		
Sand	White		1	1530		
Slate	Black		1490	1		
Sand	White		1530	1565		
Shale	Gray		1565	1600		
Sand	White		1600	1650		
Slate	Black		1650	1670		
Sand	White		1.670	1762		
Shale	Gray	Soft	1762	1860		
Sand	White		1860	1882		
Slate	Gray	Med.	1882	1890		
Sand	White		1890	1895		
Slate	Gray		1895	1902		
Sand	White		1902	1955		
Shale	Gray	Med.	1955	1975		
Sand	Gray	Hard	1975	1995		
Lime	White	e Hard	1995	2040		
Sand	White		2040	2208		the grade and the state of
Slate & Sl	haleGry	7. Med.	2208	2280 T.	. p.	
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Date January 11, 19 79

APPROVID GLENN L. HAUGHT & SONS

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on a gas division Delete. Of Wilnes

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATE October 5, 1978
Surface Owner	Company_ Com
Address	
Mineral Owner Leo Trader et als	Farm Acres
Address Address	ACIPS ***
Coal Owner	
Address	The second secon
Coal Operator	Contraction of the contract of
Address	- Quantangie
PERMIT MUST BE POSTED AT THE WELL SITE	
provisions being in accordance with Chapter 22,	
he W. Va. Code, the location is hereby approved	INSPECTOR
drilling . This permit shall expire if	TO BE NOTIFIED Research Paul Cooking
rations have not commenced by 2-6-79	
rations have not commenced by	ADDRESS Calculle, w. Va. 26.78
Toputh orea	PHONE 477~3650
Deputy Director - Oil & Gas Division	
GENTLEMEN:	
The undersigned well operator is entitled to dr	ill upon the above named farm or tract of land for oil and gas, having fee
title thereto, (or as the case may be) under grant	t or lease dated
made to	and recorded on the day of
19, in County, Book _	Page Page
NEW WELLDRILL DE	EPERREDRILLFRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY	Y DRILLED BEFORE JUNE 5, 1969.
70%	
have been notified as of the above date.	engineer or licensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator	are hereby notified that any objection they wish to make, or are required
to make by Section 3 of the Code, must be received	ed by, or filed with the Department of Mines within ten (10) days. *
Copies of this notice and the enclosed plat were	e mailed by registered mail, or delivered to the above named coal operators
or coal owners at their above shown respective as	ddress before, or on the to the Department of Mines at Charleston, West Virginia.
and day with the maning of delivery of this copy	to the Department of Mines at Charleston, West Virginia.
PLEASE SUBMIT COPIES OF ALL	Very truly yours,
GEOPHYSICAL LOGS DIRECTLY TO:	(Sign Name)
4 - 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Well Operator
WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY	Address Strass
P. O. BOX 879	of
MORGANTOWN, WEST VIRGINIA 26505	Well Operator City or Town
AC-304 - 292-6331	Only of Fown
	State
	State

*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.

BLANCET BOND

RIT-4139 PERMIT NUMBER

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					
ADDRESS			lle, 0. Va. 26:73		
		TELEPHONE			
ESTIMATED DEPTH OF COMPL		ROTARY	CABLE TOOLS		
PROPOSED GEOLOGICAL FORM					
TYPE OF WELL: OIL_					
	RECYCLIN	VG WATER FLO	ODOTHER		
TENTATIVE CASING PROGRAM					
IBMIAITYE CASING PROGRAM					
CASING AND TUBING	USED FOR	LEET IN	CEMENT FILL UP		
SIZE	DRILLING	WELL	OR SACKS - CUBIC FT.		
20 - 16					
13 - 10 9 - 5/8					
8 - 5/8		2.00	**************************************		
7			75 \$4086		
5 ½					
4 1/2					
3			Perf. Top		
2			Perf. Bottom		
Liners			Perf. Top		
			Perf. Bottom		
	AND THE RESIDENCE OF THE PROPERTY OF THE PROPE				
APPROXIMATE FRESH WATER	DEPTHS FEET _	SALT WATER	FEET		
APPROXIMATE COAL DEPTHS _					
IS COAL BEING MINED IN THE	AREA?	BY WHOM?			
TO DRILL:			nen Milanu dia Milanu ing		
SUBMIT FIVE (5) COPIES (OF PLAT.	OF OG - 1, \$100.00 PERMIT	FEE, PERFORMANCE BO	ND AND PERMANENT COPY		
TO DRILL DEEPER OR REDRILI					
SUBMIT FIVE (5) COPIES O	F OG - 1, SHOWING ORIGIN	VAL PERMIT NUMBER AND	PERFORMANCE BOND. ON		
MUST ALSO BE SUBMITTED) 1929, A PERMANENT CO	PY OF THE PLAT AND TH	IE ORIGINAL WELL RECORD		
	•				
TO FRACTURE - STIMULATE:					
BOND, PERMANENT PLAT	IGINALLY DRILLED BEFOR	E JUNE 5, 1929, FIVE (5) C	OPIES OG - 1, PERFORMANCE		
ING ORIGINAL PERMIT NUM	BER. AND PERFORMANCE I	U/OK AFTER JUNE 5, 1929. BOND	FIVE COPIES OG - 1, SHOW-		
four (24) hours in advance.	within ninety (90) days of co	mpletion for bond release. I	nspector to be notified twenty-		
, , , , , , , , , , , , , , , , , , , ,					
			The second secon		
The following waiver must be	completed by the coal opera	ator if the permit is to be iss	sued within ten days of receipt		
WAIVER: I the undersigned, Agent	for	Coal Company, Owner of	or Operator of the coal under		
this lease have examined	l and place on our mine map	s this proposed well locatio	n.		
We the	Coal Company ha	ive no objections to said wel	being drilled at this location,		
providing operator has co	mplied with all rules and regul	ations in Articles 4, 5, and 7,	Chapter 22 of the West Virginia		
Code.		, , , , ,	,		
		F?	Coal Company		
		101	Сові Сопірану		
			Official Title		