



CERTIFICATE

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Minimum degree of accuracy is one part in 200

Signed J. D. Shunk, P.E. 4596

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY ROY G. HINDRETH ET AL
 ADDRESS Box 96 SPENCER W.VA.
 FARM ADRIAN JONES
 MAP _____ ACRES 102 LEASE NO. _____
 WELL (FARM) NO. FOUR SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 962'
 CLEARANCE GLENNVILLE 15', 75'
 COUNTY GILMER DISTRICT DEKALB
 POINT OF PROVEN ELEVATION B.M. EL: 134' AT GLENNVILLE
 FILE NO. _____ DRAWING NO. _____
 DATE 3-21-79 SCALE 1"=500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
47-021-3513
 FILE NO. _____

† DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN. 24,000

— DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

JUL 17 1979

Hub Royal (191)



RECEIVED
DEC - 4 1979

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Rotary _____ Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle Glenville

Permit No. 021-3513

Company Roy G. Hildreth & Son Inc.
Address P.O. Box 96, Spencer, WV 25276
Farm F.W. Bell Acres 102
Location (waters) Leading Creek
Well No. 8 Elev. 962
District DeKalb County Gilmer
The surface of tract is owned in fee by _____

Address _____
Mineral rights are owned by _____
Address _____

Drilling Commenced June 27, 1979
Drilling Completed July 19, 1979

Initial open flow _____ cu. ft. 10 bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
8 5/8 10 3/4	195	195	cemented
8 5/8		600	
7	1397	1397	
5 1/2			
4 1/2			
3			
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface			0	12		
Clay			12	105		
Sand			102	145		
Red Rock			145	200		
Shells			200	235		
Sand			235	275		
Red Rock			275	310		
Lime			310	330		
Red Rock			330	425		
Slate & Shells			425	460		
Red Rock			460	470		
Slate Shells			470	517		
Red Rock			517	550		
Slate & Shells			550	600		
Lime Sandy			600	615		
Sand			615	670		
Slate & Shells			670	700		
Lime			700	725		
Slate Shells			725	760		
Sand			760	810		
Slate & Shells			810	860		
Lime			860	905		
Sand			905	1110		
Slate & Shells			1110	1175		

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			1175	1220		
Slate & Shells			1220	1295		
Sand			1295	1405		
Slate			1405	1415		
Sand			1415	1483		
Slate			1483	1550		
Sand			1550			
TOTAL DEPTH 1565 (15 ft in Maxon Sand)						
Gas 1350 Show						
Gas 1435						
Gas & Oil 1550 to 1565						

Date _____ 19 _____

APPROVED Ray B. Alden Owner

By Ray B. Alden



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

Ry

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE June 18, 1979

Surface Owner Adrian Jones

Company Roy G. Hildreth, Jr.

Address _____

Address P.O. Box 96, Spencer, WV 25276

Mineral Owner _____

Farm Adrian Jones Acres 102

Address _____

Location (waters) Leading Creek

Coal Owner none

Well No. four Elevation 962

Address _____

District DeKalb County Gilmer

Coal Operator none

Quadrangle Glenville 15'

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

INSPECTOR TO BE NOTIFIED _____

NAME: _____ ADDRESS _____

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 2-22-80.

Mr. Robert Bates
109 Minnich St.
Weston, WV 26452
Ph: 269-3820

Robert T. D.
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill 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 or lease dated May 3 1937 by George Roberts made to Paul K. Weekley and recorded on the 17th day of January 19 38 in Gilmer County, Book No. 134 Page 159
XX NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ 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 operators have 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 to make 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 operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

RECEIVED

JUN 21 1979

OIL & GAS DIVISION
DEPT. OF MINES

Very truly yours,

(Sign Name) Roy G. Hildreth, Jr.
Well Operator

Address
of
Well Operator

P.O. Box 96

Street

Spencer,

City or Town

West Virginia

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.

BLANKET BOND

47-021-3513

PERMIT NUMBER

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

PROPOSED WORK ORDER TO DRILL XX DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Roy G. Hildreth & Son, Inc. NAME Roy G. Hildreth, Jr.
 ADDRESS P.O. Box 96, Spencer, WV 25276 ADDRESS P.O. Box 96, Spencer, WV 25276
 TELEPHONE 927-2130 TELEPHONE 927-2130
 ESTIMATED DEPTH OF COMPLETED WELL: 2100' ROTARY _____ CABLE TOOLS _____ XX"
 PROPOSED GEOLOGICAL FORMATION: Injun
 TYPE OF WELL: OIL XX GAS XX COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	FEET IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	200'	200'	Cemented to surface
9 - 5.8			
8 - 5.8	900'	900'	Used in drilling
-			
5 1/2			
4 1/2	2100'	2100'	
			Perf. Top
			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 140' FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title