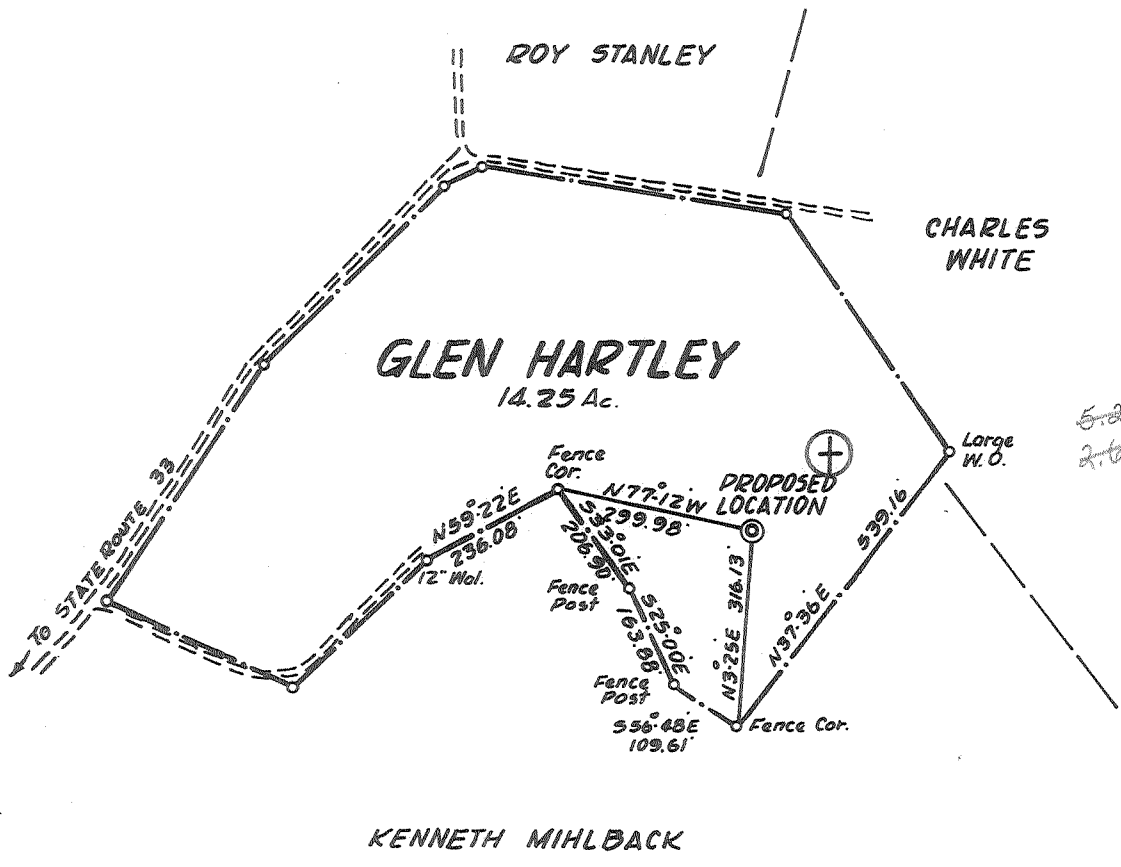


0 1 2 3 LATITUDE 39 ° 00 ' 40 ' LONGITUDE 81 ° 40 '



**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 Frank J. Barker LLS # 289

- WELL LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

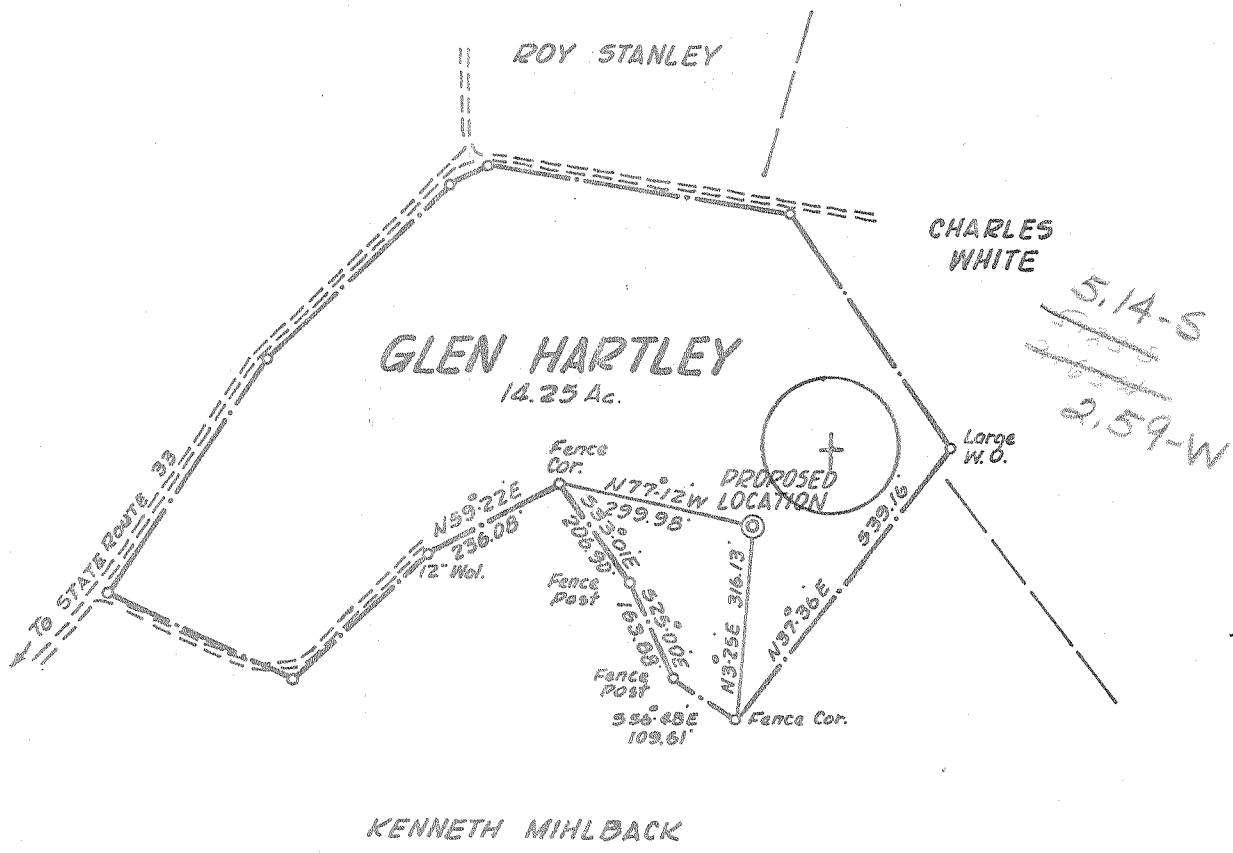
ISSUED 4-4-75 BK. III PG. 44-46

COMPANY CARL E. SMITH INC  
 ADDRESS P.O. BOX 4 SANDYVILLE, W.VA. 25275  
 FARM GLEN HARTLEY  
 MAP OV-25 ACRES 14.25 LEASE NO \_\_\_\_\_  
 WELL (FARM) NO. 1 SERIAL NO. 73412  
 ELEVATION (SPIRIT LEVEL) \_\_\_\_\_  
 QUADRANGLE RIPLEY DISTRICT RAVENSWOOD  
 COUNTY JACKSON  
 POINT OF PROVEN ELEVATION U.S.G. Data: Intersection of road shown above with state Rt. 33. Elev. 596.  
 FILE NO \_\_\_\_\_ DRAWING NO \_\_\_\_\_  
 DATE DEC. 7, 1971 SCALE 1" = 300 FT.

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE NO Jac-1322-P  
 + 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 47-035  
 DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING

*Deep Well*

APR 17 1975



5,14-S  
2,59-W

**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 Frank J. Barker L.S.#289

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

BK. III Pg. 44-46

COMPANY CARL E. SMITH INC

ADDRESS P.O. BOX 4 SANDYVILLE, W.VA. 25275

FARM GLEN HARTLEY

MAP OV-25 ACRES 14.25 LEASE NO \_\_\_\_\_

WELL (FARM) NO. 1 SERIAL NO. \_\_\_\_\_

ELEVATION (SPIRIT LEVEL) \_\_\_\_\_ SERIAL NO. 73412

QUADRANGLE RIPLEY (N.W.)

COUNTY JACKSON DISTRICT RAVENSWOOD

POINT OF PROVEN ELEVATION U.S.C.G. Data: Intersection of road shown above with state RA 33. Elev. 596.

FILE NO \_\_\_\_\_ DRAWING NO \_\_\_\_\_

DATE DEC. 7, 1971 SCALE 1" = 300 FT.

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON  
WELL LOCATION MAP

FILE NO Jac-1322

+ 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

- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING

6-6 Silverton (281) Wheaton Run (324) Deep Well (Newburg) DEC 22 1971  
(Jack 1245 disc.)



RECEIVED

MAY 19 1972

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

- Rotary
- Spudder
- Cable Tools
- Storage

Triangle Pipley N. W.  
Well No. Jac. - 1322

WELL RECORD

Oil or Gas Well Gas (KIND)

Company Carl L. Smith, Inc.  
Address P. O. Box 4, Sandyville, W. Va.  
Glen Bartley Acres 14.25  
Location (waters) Sandy Creek  
Well No. 1 Elev. 734.12  
Locality Ravenswood County Jackson  
Surface of tract is owned in fee by Glen Bartley  
Address Silverton, W. Va.  
Other rights are owned by Same  
Address Same  
Drilling commenced 12-11-71  
Drilling completed 1-12-72  
Shot From \_\_\_\_\_ To \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	75	75	Size of
10			Depth set
8 1/4	2312	2312	Perf. top
6 5/8			Perf. bottom
5 1/16	5329	5329	Perf. top
4 1/2			Perf. bottom
3			
2	5491	5491	
Liners Used 4" "	208	208	

Flow 1/10ths Water in Inch  
1,000 MCF /10ths Merc. in. Inch  
Pressure 1200 lbs. 30 hrs. Cu. Ft.

Attach copy of cementing record. 13' 12-12-71  
8 5/8' 12-20-71  
CASING CEMENTED SIZE 5 1/2 No. Ft. 1-7-72 Date  
Amount of cement used (bags) 80-13' 400 - 8 5/8, 135, -5 1/2  
Name of Service Co. Halliburton

ACIDIZED (DETAILS) 358 Gal. 500 Gal. MCA 15%  
FRACTURED (DETAILS) 15,000 Gal M.E.G., 27,000 lbs., 20 & 40 Sand, Total - 15,500 Gal.

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

ULT AFTER TREATMENT (Initial open Flow or bbls.) \_\_\_\_\_  
BACK PRESSURE AFTER TREATMENT \_\_\_\_\_ HOURS  
Producing Sand Newburg Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Depth 5500' T.D.

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale			0	75			
Sandstone and Rock			75	580	5467		
Sandstone and Shale			580	772	730		
Shale			772	1025	4730		
Shale			1025	2215			
Shale			2215	2220			
Shale			2220	4535			
Lime - Onondaga			4535	4630			
Lime			4630	4730			
Lime - Helderberg + Salina			4730	4758			Show Gas onsk.
Lime - Helderberg + Salina			4758	5460			
Newburg			5467	5471			Gas
Shale - McKenzie			5471	5500			
				545			

(over)

MAY 30 1972