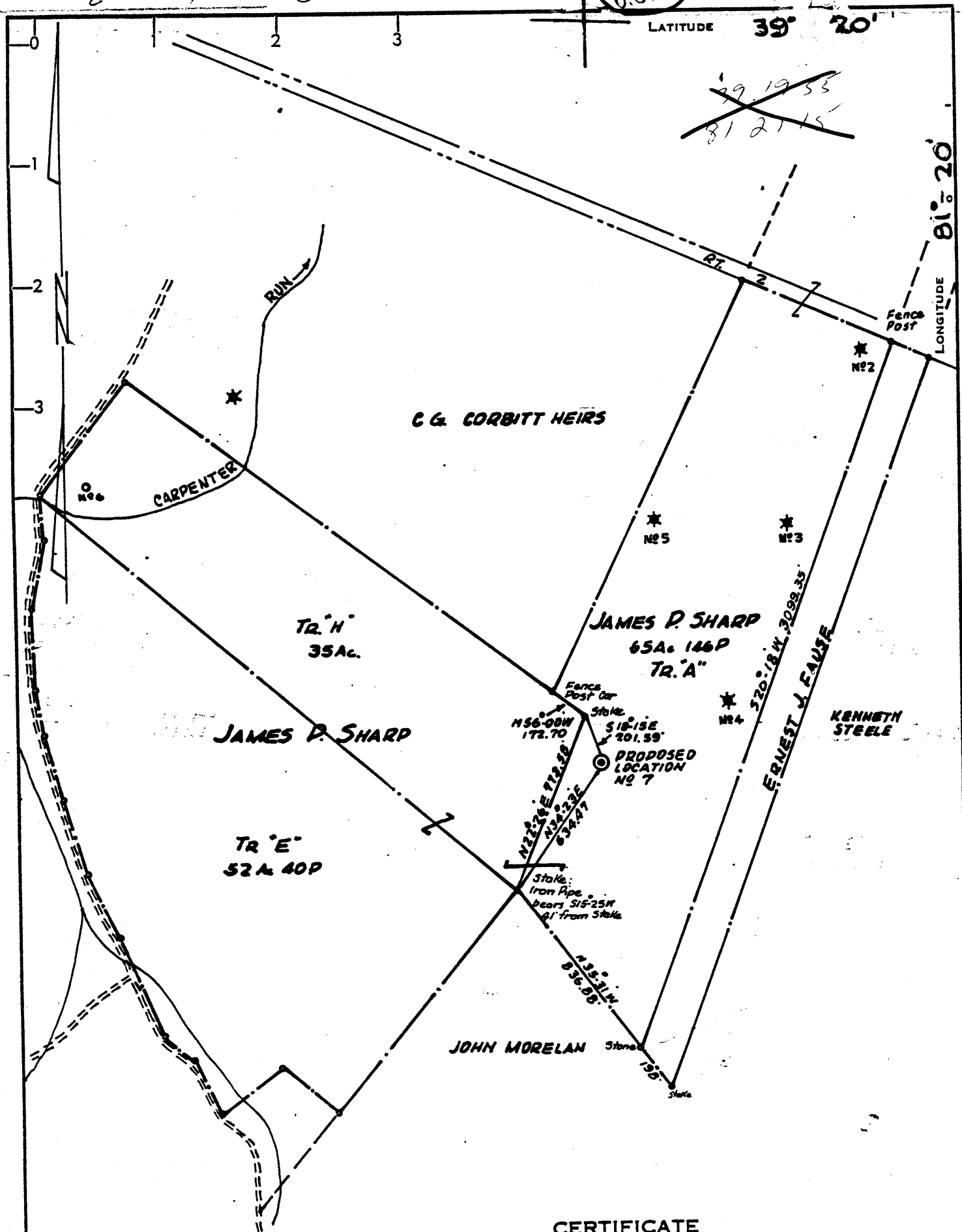


Plot Card CSD

2.90W  
0.06S → 15'



**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. Barber, #289

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY HO WALK OIL & GAS INC.  
 ADDRESS P.O. Box 1785 CHAS, W. VA.  
 FARM JAMES P. SHARP  
 MAP \_\_\_\_\_ ACRES 134 LEASE NO. \_\_\_\_\_  
 WELL (FARM) NO. 7 SERIAL NO. \_\_\_\_\_  
 ELEVATION (SPIRIT LEVEL) 743.45  
 QUADRANGLE MARIETTA 15 SC  
 COUNTY WOOD DISTRICT OTTON  
 POINT OF PROVEN ELEVATION Road Intersection El. 620  
 FILE NO. \_\_\_\_\_ DRAWING NO. \_\_\_\_\_  
 DATE AUG. 9, 1980 SCALE 1" = 500 FT.

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE No. 47-107-1131

+ 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.

Gasolony  
6-6 Waverly (71)

FEB 13 1981



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED  
MAR 23 1981

Oil and Gas Division

WELL RECORD

OIL & GAS DIVISION  
DEPT. OF MINES  
Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. X \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Quadrangle Marietta  
Permit No. 47-107-1131

Company <u>H. D. Wells Oil &amp; Gas Exp &amp; Dev.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P. O. Box 1785</u>				
Farm <u>James Sharp</u> Acres <u>134</u>				
Location (waters) <u>Carpenters Run</u>				
Well No. <u>Seven</u> Elev. <u>743.45</u>	Size <u>20-16</u>			
District <u>Union</u> County <u>Wood</u>	Cond. <u>13-10"</u>			
The surface of tract is owned in fee by <u>James Sharp</u>	<u>9 5/8</u>			
Address <u>Waverly, WV</u>	<u>8 5/8 K-55 24'</u>		<u>300</u>	cement to surface
Mineral rights are owned by <u>same</u>	<u>7</u>			
Address _____	<u>5 1/2</u>			
Drilling Commenced <u>1-31-81</u>	<u>4 1/2 J-55 10.5'</u>		<u>2450'</u>	1,000 fill up
Drilling Completed <u>2-5-81</u>	<u>3</u>			
Initial open flow <u>-0-</u> cu. ft. <u>-0-</u> bbls.	<u>2</u>			
Final production <u>150,000</u> cu. ft. per day <u>-5-</u> bbls.	Liners Used			
Well open <u>-8-</u> hrs. before test <u>552</u> RP.				

Well treatment details:

Attach copy of cementing record.

*150MC + 500PD*

Water frac--600 BBLs--50,000 lbs Sand - 500 gal acid  
Perforate 2436' to 2450' 24 holes .49

Coal was encountered at -0- Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water -60- Feet \_\_\_\_\_ Salt Water 1100' Feet \_\_\_\_\_  
Producing Sand Gordon Depth 2430

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
clay	R	S	-0-	70		
sand	G	S	70	75		
Red Rock	R	S	75	340		
Slate	B	S	340	400		
Red Rock	R	S	400	430		
Shell/Slate		H	430	450		
Red Rock/Shells	R	M	450	1000		
Sand	W	H	1000	1300		
Slate	W	S	1300	1440		
Salte/Shells	B	H	1440	1588		
Big Injun		H	1588	1700		
Lime	B	H	1700	1750		
Slate	W	S	1750	2000		
Shale	B	S	2000	2045		
Berea	B	S	2045	2084	Gas Show	
Shale	G	H	2084	2436		
Gordon ✓	G	S	2436	2450	Gas Show	
Shale	B	S	2450	2550	Total Depth	

(over)

\* Indicates Electric Log tops in the remarks section.

MAR 27 1981

APR 07 1981



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED  
JAN 16 1981

Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,

Charleston, W. Va.

DATE January 12, 1981

Surface Owner James Sharp

Company H.D.Wells Oil & Gas Exp'l & Devel

Address Waverly, WV

Address P.O.Box 1785, Charleston, WV 25326

Mineral Owner Same as Surface Owner

Farm James Sharp Acres 134

Address \_\_\_\_\_

Location (waters) Carpenter Run

Coal Same as Surface Owner

Well No. 7 Elevation 743.95'

Operator N/A

District Union County Wood

Quadrangle Marietta

Address \_\_\_\_\_

PERMIT MUST BE POSTED AT THE WELL SITE

provisions being in accordance with Chapter 22, the W. Va. Code, the location is hereby approved drilling. This permit shall expire if operations have not commenced by 9-20-81

*[Signature]*  
Deputy Director - Oil & Gas Division

INSPECTOR

TO BE NOTIFIED K. Paul Goodnight

ADDRESS Smithville, WV 26178

PHONE 477-3660

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 October 17 1980 by Quaker State Oil Co. made to H.D.Wells Oil & Gas and recorded on the 17 day of October 1980, in Wood County, Book 745 Page 367

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 notified as of the above date.

The 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.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

OFFICE OF OIL AND GAS  
1615 Washington Street, East  
Charleston, West Virginia  
Area Code 304 -348-3092 348-3096

Address of Well Operator

Very truly yours,

(Sign Name) *[Signature]*

Well Operator

P. O. Box 1785

Street

Charleston,

City or Town

WV 25326

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

47-107-1131

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by *[Signature]*

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

PROPOSED WORK ORDER TO   X   **DRILL** \_\_\_\_\_ **DEEPEN** \_\_\_\_\_ **FRACTURE-STIMULATE** \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known)   Clint Hurt and Associates   RESPONSIBLE AGENT:   H. D. Wells    
 NAME   Clint Hurt and Associates   NAME   H. D. Wells    
 ADDRESS   Edens Fork, Charleston, WV   ADDRESS   P. O. Box 1785, Charleston, WV 25326    
 TELEPHONE   304-2401   TELEPHONE   304-346-2829    
 ESTIMATED DEPTH OF COMPLETED WELL:   3,000'   ROTARY   X   CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION:   Gordon    
 TYPE OF WELL: OIL \_\_\_\_\_ GAS \_\_\_\_\_ COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

**TENTATIVE CASING PROGRAM:**

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8 K-55, 24#/ft	300	300	Cement to Surface
7			
5 1/2			
4 1/2 K-55, 10 1/2#/ft	3,000	3,000	150 Sacks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS   100   FEET \_\_\_\_\_ SALT WATER   1,300   FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS   None expected    
 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