



0995  
020 W.D.  
71/2  
A.G. THORN  
Longitude 81°02'30"

39 24 10  
81 02 35

- New Location
- Drill Deeper
- Abandonment

Minimum Error of Closure. One part in 200  
Source of Elevation. U.S.G.S. E.I. 1058 Top of Knob N.W. of Loc.

"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."

Company BURDETTE OIL & GAS CO. INC.  
 Address P.O. BOX 10167 STATION C CHARLESTON WVA  
 Farm WALDO WAGNER  
 Tract \_\_\_\_\_ Acres 75 Lease No. \_\_\_\_\_  
 Well (Farm) No. 3 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 816.0 FC  
 Quadrangle ST. MARYS 15' BENS RUN WVA-OHIO 7.5'  
 County PLEASANTS District UNION  
 Surveyor/Engineer C.Y. Galley Jr.  
 Engineer's Registration No. 115 92  
 File No. 842-29 Drawing No. \_\_\_\_\_  
 Date 4-20-79 Scale 1"=500'

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

WELL LOCATION MAP  
 FILE NO. 47-073-0748

+ 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.

MAY 8 1979



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD**

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

Quadrangle Bens Run  
Permit No. 0748 (073)

Company Burdette Oil & Gas Co., Inc.  
Address P. O. Box 10167 Sta. "C" Charleston, WV  
Farm Waldo Wagner Acres 75  
Location (waters) Sugar Creek  
Well No. # 3 Elev. 816.0'  
District Union-Lafayette County Pleasants  
The surface of tract is owned in fee by Waldo Wagner Heirs  
Address \_\_\_\_\_  
Mineral rights are owned by Waldo Wagner Heirs  
Address \_\_\_\_\_  
Drilling Commenced 6-17-79  
Drilling Completed 6-21-79  
Initial open flow 100,000 cu. ft. \_\_\_\_\_ bbls.  
Final production \_\_\_\_\_ cu. ft. per day \_\_\_\_\_ bbls.  
Well open \_\_\_\_\_ hrs. before test 1000 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			Cemented to Surface
Cond. 13-10"			
9 5/8			
8 5/8	250	250	
7			
5 1/2			
4 1/2			
3			
27/8	2700	2700	
Linacs Used			

Well treatment details:  
500 Gals. of 28% HCL Acid ahead of Hydraulic Water Fracture.  
1000 bbls. of water, 40,000 lbs. - 80/100 Mesh Sand. 20,000 lbs. of 20/40 Mesh Sand.  
200,000 cu. ft. of Nitrogen

Attach copy of cementing record.

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water 35 Feet \_\_\_\_\_ Salt Water 1400 Feet \_\_\_\_\_  
Producing Sand Gordon Depth 2661 - 2668

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay	Yellow	Soft	0	30		
Sandstone	Gray	Hard	30	60		
Shale	Gray	Soft	60	188		
Shale	Red	Soft	188	226		
Sandstone	Gray	Hard	226	285		
Sand/Shale	Gray	Soft	285	590		
Cow Run			590	980		
1st Salt Sand			1040	1110		
2nd Salt Sand			1146	1218		
3rd Salt Sand			1264	1292		
Maxon			1402	1438		
Big Lime			1469	1552		
Keener			1596	1632		
Injun			1643	1708		
Squaw			1719	1740		
Welch Stray			1965	1987		
Berea			2022	2040		
Gordon Stray			2450	2485		
Gordon Stray			2508	2524		
Gordon			2661	2668		Light show of natural gas

with 4 1/2" CG 2700

JUN 15 1981

*Michael A. Burdette*



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

APR 24 1979

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 April 24, 1979  
Company Burdette Oil & Gas Co., Inc.  
Address P. O. Box 10167, Station "C"  
Farm Waldo Wagner Acres 75  
Location (waters) Sugar Creek  
Well No. 43 Elevation 26.0'  
District Union County Pleasants  
Quadrangle Bens Run - 7 1/2'

Surface Owner Waldo Wagner  
Address Bens Run, W.Va.  
Mineral Owner Same  
Address \_\_\_\_\_  
Coal Owner \_\_\_\_\_  
Address \_\_\_\_\_  
Coal Operator \_\_\_\_\_  
Address \_\_\_\_\_

THIS PERMIT MUST BE POSTED AT THE WELL SITE

If 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 12-25-79

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Phil Tracy  
PH: 758-4573 ADDRESS Middlebourn, W. Va.

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 April 4, 1979 by Waldo Wagner made to Burdette Oil & Gas Co., Inc. and recorded on the 6th day of April, 1979 in Pleasants County, Book 4547 Page 4210

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.

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey  
P. O. Box 879  
Morgantown, W. Va. 26505

Very truly yours,

(Sign Name) J. C. Burdette

W. O. Burdette  
P. O. Box 10167, Station "C"  
Charleston, W.Va. 25312

Address  
of  
Well Operator

Street

City or Town

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.

47-073-0748

PERMIT NUMBER

BLANKET BOND

*James*

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 Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME Clint Hurt & Associates NAME L. G. Burdette  
 ADDRESS 344-2401 ADDRESS 5121 Big Tyler Road, Chas., W. Va.  
 TELEPHONE \_\_\_\_\_ TELEPHONE 776-3767  
 ESTIMATED DEPTH OF COMPLETED WELL: 2700' ROTARY  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 <u>8-5/8"</u>	<u>200'</u>	<u>200'</u>	<i>To surface</i>
7			
5 1/2			
4 1/2			
3			Perf. Top
2 <u>2-7/8"</u>	<u>2700'</u>	<u>2700'</u>	Perf. Bottom <u>100 sacks</u>
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 150 FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_

APPROXIMATE COAL DEPTHS \_\_\_\_\_

IS COAL BEING MINED IN THE AREA? \_\_\_\_\_ 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