

Lat. 39° 10'

Long. 80° 15'

DRILL DEEPER

MAP SH 56-524 E 15 FB. 534 P-25

COMPANY	HOPE NATURAL GAS CO.
ADDRESS	CLARKSBURG, W. VA.
FARM	DAVIS DAWSON
TRACT	ACRES 200 LEASE NO. 22690
WELL FARM NO.	SERIAL NO. 5929
ELEVATION S.L.	1268'
QUADRANGLE	WESTON EC
COUNTY	HARRISON DISTRICT GRANT
ENGINEER	W. M. BOWERS
ENGINEER'S REG. NO.	900
FILE NO.	DRAWING NO.
DATE	10/30/46 SCALE 1"-600'

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

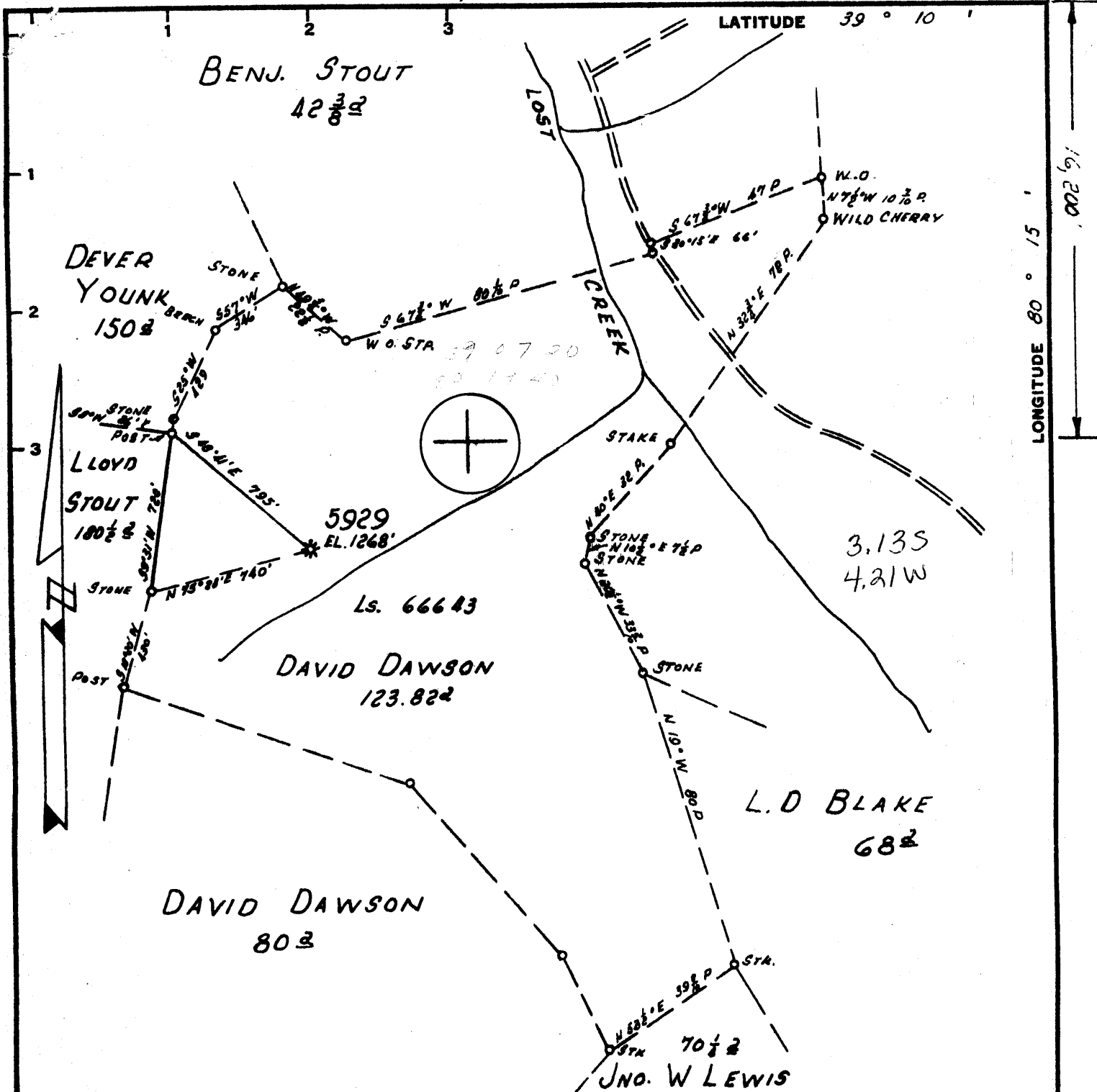
WELL LOCATION MAP **Now 411**
 FILE NO. HAR 150 **411**

+ DENOTES LOCATION OF WELL ON U.S. 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.

21,700'

AP-10-15



Minimum Error of Closure 1" in 200'
 Source of Elevation WELL 5883 1477'
 "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."

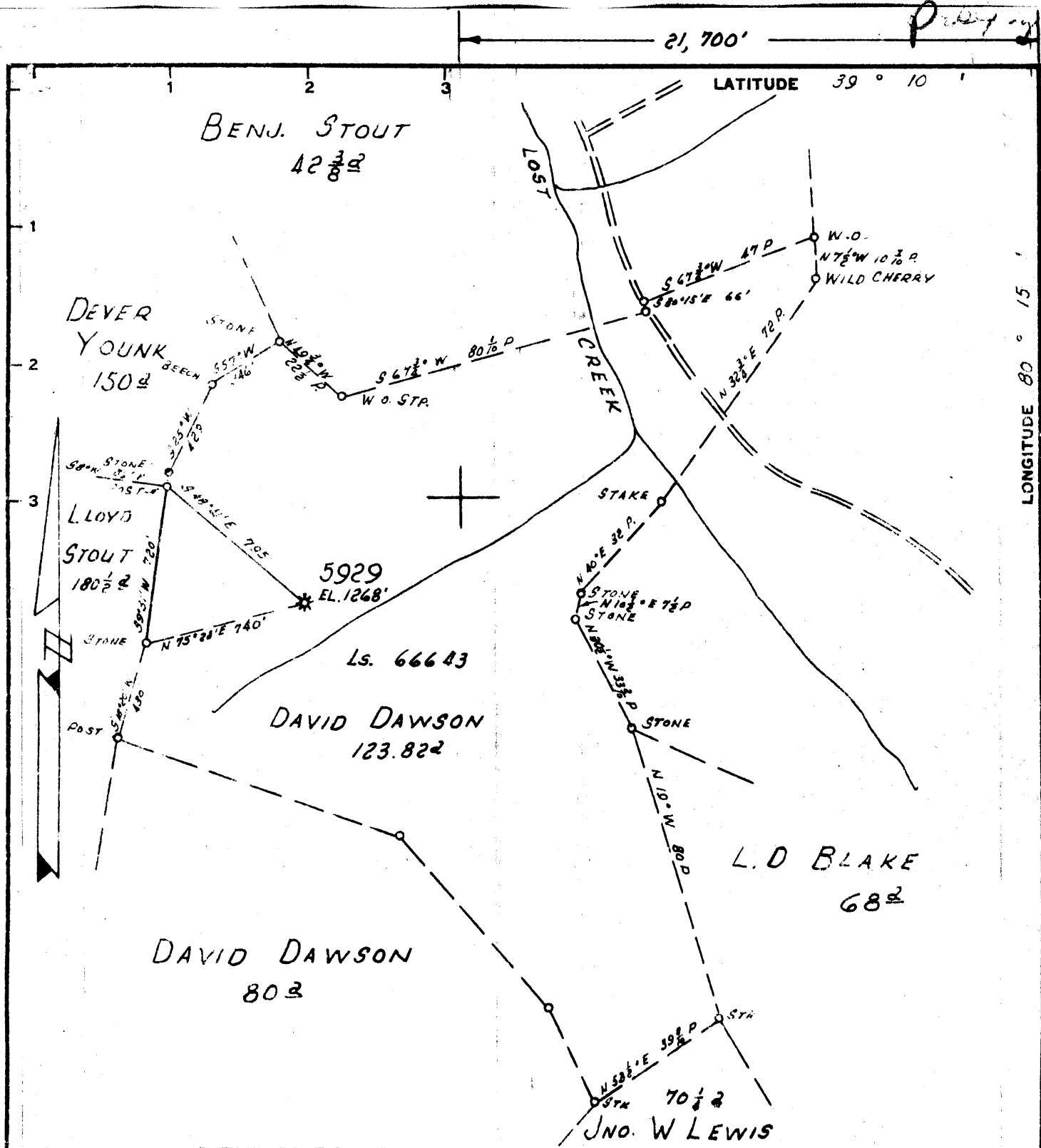
New Location..... REDRILL STO.....
 Drill Deeper..... 4-3-73
 Abandonment.....

MAP SH. 56 S24 E 15 F.B. 534 P. 25

Company CONSOLIDATED GAS SUPPLY CORP
 Address CLARKSBURG W.VA.
 Farm (DAVID) DAWSON
 Tract _____ Acres 123.82' Lease No. 66643
 Well (Farm) No. _____ Serial No. (5929)
 Elevation (Spirit Level) 1268'
 Quadrangle WESTON EC
 County HARRISON District GRANT
 Engineer Jackson M. Jarrah.
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 1-19-66 Scale 1" = 600'

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

WELL LOCATION MAP
 FILE NO. HAR-411-RED
 Formerly HAR-1063-A
 + 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.



Minimum Error of Closure 1' in 200'
 Source of Elevation WELL 5883 1477'

"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."

New Location **REDRILL STO.**
 Drill Deeper
 Abandonment

MAP SH. 56 S24 E 15 FB. 534 P. 25

Company CONSOLIDATED GAS SUPPLY CORP
 Address CLARKSBURG W.VA.
 Farm DAVID DAWSON
 Tract _____ Acres 123.82' Lease No. 66643
 Well (Farm) No. _____ Serial No. (5929)
 Elevation (Spirit Level) 1268'
 Quadrangle WESTON - EC
 County HARRISON District GRANT
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 1-19-66 Scale 1" = 600'

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

WELL LOCATION MAP
 FILE NO. HAR 411-RED

+ 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.
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WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Now
~~411~~ 411

Permit No. Har 150 D
Weston Quad.
Company
Address
Farm
Location
Well No.
District
Surface
Mineral
Commenced
Completed
Date shot
No water

Hope Natural Gas Company
445 West Main St., Clarksburg, W.Va.
Davis Dawson Adres 200
5929 Elev. 1268
County

Dry Well
CASING & TUBING
10 197 197
8 1/2 543 543
6 5/8 1409 1409
5 3/16 2287 2287

Casing not cemented

No coal

Nov. 6, 1946
Apr. 3, 1947
3-27-47 Depth 4199 to 4214

DRILLED DEEPER

Commenced drilling		2278	
Lime	2278	2310	<i>Bay</i>
Slate Shell	2310	2376	
Lime	2376	2563	
Lime	2563	4039	
Lime Shell	4039	74092	<i>Riley</i>
Slate Shell	4092	4115	
Lime shell	4115	4160	
Sandy Lime	4160	4175	
Lime	4175	4199	
Benson	4199	4214	show gas 4207
Total Depth		4244	

*4207
4214
4244*



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 Weston
 Permit No. HAR-411-Red.

Company Consolidated Gas Supply Corp.
 Address Clarksburg, WV
 Farm W. H. Dawson Acres 123
 Location (waters) Lost Creek
 Well No. CW-513 (5929) Elev. 1268
 District Grant County Harrison
 The surface of tract is owned in fee by _____
Ralph Dawson
 Address Clarksburg, WV
 Mineral rights are owned by Same
 Address _____
 Drilling Commenced 5-30-73
 Drilling Completed 7-10-73
 Initial open flow _____ cu. ft. _____ bbls.
 Final production 0 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"	320	320	300 SKS
9 5/8			
8 5/8			
7			
5 1/2			
4 1/2	1906	1906	1100 SKS
3			
2			
Liners Used			

Attach copy of cementing record.

*Redrilled for Lost Creek Storage Observation Well

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
Big Lime			1341	1406		
Big Injun			1406	1519		
<u>Gantz</u>			1693	1726		
Gantz "A"			1728	1765		
<u>50'</u>			1788			
Total Depth				1920		

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
APR 2 1973

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 March 29, 1973
Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm W. H. Dawson Acres 123.82
Location (waters) Lost Creek
Well No. CW-513 (5929) Elevation 1268'
District Grant County Harrison
Quadrangle WESTON

Surface Owner Ralph Dawson
Address 305 Stealey Ave., Clarksburg, W.Va.
Mineral Owner Same
Address _____
Coal Owner None
Address _____
Coal Operator None
Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE
All provisions being in accordance with Chapter 22
of the W. Va Code, the location is hereby approved
for RE-DRILLING. This permit shall expire if
operations have not commenced by 8-3-73.

Robert H. [Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED William Blosser
Colfax, W.Va. PH: 363-9105

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 2-2-56 19 by W. H. Dawson made to Hope Natural Gas Co. and recorded on the 19th day of April 1956, in Harrison County, Book 776 Page 213

 NEW WELL DRILL DEEPER XX REDRILL FRACTURE OR STIMULATE
XX 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.

Very truly yours,
(Sign Name) [Signature] Manager of Prod.
Well Operator

Address
of
Well Operator

Consolidated Gas Supply Corporation
Street
445 West Main Street
City or Town
Clarksburg, W. Va.
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 recieving 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

Formerly - HAR-1063-A
Now - HAR-411-Redrill
P-10 1947
PERMIT NUMBER Now 411

Survey

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

PROPOSED WORK ORDER TO XX Re-DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME S. W. Jack NAME R. E. Bayne
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, W. Va.
 TELEPHONE - - TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 1980' ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Gantz Obs.
 TYPE OF WELL: OIL _____ GAS _____ COMB. _____ STORAGE XX 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			
XX - 10"	215'	215	To surface
9 - 5/8			
8 - 5/8			
7			
5 1/2			
4 1/2	1980'	1980'	To surface
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 70' FEET _____ SALT WATER 1716' FEET _____
 APPROXIMATE COAL DEPTHS None
 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