



29 09 20

80 13 45

(CONSOLIDATION COAL Co)
(103[±])

7 1/2'

PD HICKMAN
114[±]

0.86
0.785
3.41 W
5

80° 10'
80° 12' 30"
(15')

4,575' (1,394.46M)



L.H. YOUNG
175[±]

(SARAH & CAROLINE
DUBOIS)
(35[±])

Post-Fe. Jct. - I.P.

RACCOON

N33°15'E-1132' (345.03M)

(248.11M)
S3°49'W-814'

12228
EL-1295

Post-Fe. Jct. - I.P. SET

N77°00'E-580'
N16°0'W-1032.5'

R.F. DYER
116.75[±]

(PASQUALIA L. MUTTO)
(105.94[±])

Post

MARY L NUTTER
60[±]
(PAUL & MARY RUCKMAN)
(54.58[±])

A J DOUGLAS
54.5[±]
(A. J. & ELVA L. DOUGLAS)
(54.25[±])

1" IN 200'

BM = CG S.C. WELL # 11555 ELEV - 1153'

STONE

S57°W-132'

S5°E-148.5'

S16°W-181.5'

S10°E-336.5'

Sto.

H.C. WOODYARD
116[±]

HARRISON
BARBOUR

New Location
Drill Deeper
Add document

MAP SHEET 56A S22E20

FB 1800 Pg 6-8

Company: CONSOLIDATED GAS SUPPLY CORP

Address: CLARKSBURG, W. VA.

Farm: MARY L NUTTER (P. & M. RUCKMAN)

Dist: 60 84029

Well (Farm No.): 12228

Elevation (Spirit Level): 1295'

Quadrangle: BROWNTON 7 1/2, PHILIPPI 15'

County: HARRISON District: ELK

Engineer: Jackson M. Jarvis

Engineer's Registration No. 2397

File No. Drawing No.

Date: 8-11-76 Scale: 1" = 500'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OFFICE OF LAND CONVEYANCE
HARRISBURG

WELL LOCATION MAP
WELL NO HAR-997

Denotes location of well in United States
Topographic Maps, scale 1" = 24,000 latitude
and longitude lines being represented by border
lines as shown.

Denotes one inch spaces on border line of
original map.

47-033 OCT 25 1976



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

Quadrangle PHILIPPI
Permit No. HAR-997

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

Company Consolidated Gas Supply Corporation
Address Clarksburg, WV
Farm Mary L. Nutter Acres 60
Location (waters) Raccoon Run
Well No. 12228 Elev. 1295'
District Flk County Harrison
The surface of tract is owned in fee by Mary Ruckman
Address Philippi, W. Va.
Mineral rights are owned by Mary Nutter
Address Clarksburg, W. Va.
Drilling Commenced 11-8-76
Drilling Completed 11-15-76
Initial open flow 18 M cu. ft. _____ bbls.
Final production 422 M cu. ft. per day _____ bbls.
Well open 4 hours _____ hrs. before test 1600# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size <u>16"</u>	<u>20'</u>	<u>20'</u>	To surface
Cond. <u>11"</u>	<u>305'</u>	<u>305'</u>	To surface
<u>9 5/8"</u>			
<u>8 5/8"</u>	<u>1397'</u>	<u>1397'</u>	To surface
<u>7"</u>			
<u>5 1/2"</u>	<u>1528'</u>	<u>1528'</u>	150 bags
<u>4 1/2"</u>			
<u>3"</u>			
<u>2"</u>			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Treated in Benson with 750 bbl water, 50,000# sand, 500 gal 15% acid.
Perforations: 1451'-1465' with 18 holes

Treated in 5th sand with 600 bbl water, 40,000# sand and 700 gal 15% acid.
Perforations: 2518-2551' with 18 holes.

Coal was encountered at 195' 500' Feet 18" 60" Inches
Fresh water 60' 160' Feet _____ Salt Water 100' Feet _____
Producing Sand Benson & Fifth Depth See perfs

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	195	Water	60' Fresh
Coal			195	199	Water	160' Fresh
Sand & Shale			199	500	Water	100' Salt
Coal			500	505		
Sand & Shale			505	1560		
Little Lime			1560	1575		
Big Lime			1575	1670		
Big Injun			1670	1790		
Sand & Shale			1790	2340	Gas	1270' 146 M
4th Sand			2340	2409		
Fifth Sand			2505	2536	Gas	2518-2551'
Bayard Sand			2593	2613		
Warren			2870	2913		
Balltown			3310	3545		
Bradford			3618	3759		
Riley			4124	4352		
BENSON			4450	4479	Gas	1451-1465'
Total Depth				4561'		

KBM 11' above G.L.

Consolidated Gas Supply Corporation
445 West Main Street
Clarksburg, W. Va.

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

OCT 14 1976

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 October 11, 1976

Surface Owner Mary Ruckman

Company Consolidated Gas Supply Corporation

Address Philippi, W. Va. Route

Address Clarksburg, W. Va.

Mineral Owner Mary L. Nutter

Farm Mary L. Nutter Acres 60

Address 310 Hedge St., Clarksburg, W. Va.

Location (waters) Raccoon

Coal Owner Stripped

Well No. 12228 Elevation 1295'

Address _____

District Elk County Harrison

Coal Operator None

Quadrangle BROWNTON

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 Drilling. This permit shall expire if operations have not commenced by 2-15-77.

INSPECTOR
TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech Street

PHONE 622-3871

[Signature]
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 2-20-73 19 by Mary L. Nutter made to Consolidated Gas Sply. and recorded on the 19th day of March 1973 in Harrison County, Book 1009 Page 281

XXX 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 Same 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:

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

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

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

I have read & understand the reclamation requirements and will comply. [Signature]

*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.

Har-997 PERMIT NUMBER
47-033

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

PROPOSED WORK ORDER TO XXX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME S. W. Jack Drilling Co. NAME R. E. Bayne
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, W. Va.
 TELEPHONE --- TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 4575' ROTARY XXX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson
 TYPE OF WELL: OIL _____ GAS XX 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.
XXX 16"	20'	20'	To surface
XXXXX 11"	300'	300'	To surface
9 - 5/8			
8 - 5/8	1375'	1375'	85 bags
7			
5 1/2			
4 1/2	4575'	4575'	125 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 65' FEET _____ SALT WATER None FEET _____
 APPROXIMATE COAL DEPTHS Stripped _____
 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