



New Location Drill Deeper Abandonment

Minimum Error of Closure *ONE PART IN 200*
 Source of Elevation *C.G.S.C. WELL 10711 ELEV. 1334'*

"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."

BERRY ENERGY CONSULTANTS & MANAGERS INC.
 Company
 Address *PROFESSIONAL BUILDING SUITE 309 CLARKSBURG, W. VA, 26301*
 Farm *BURTON A. ROY*
 Tract _____ Acres *272* Lease No. *71212*
 Well (Farm) No. *3* Serial No. *B-5*
 Elevation (Spirit Level) *1297'*
 Quadrangle *PHILIPPI NE 3^d C*
 County *BARBOUR* District *ELK*
 Engineer *Daniel S. Wheeler*
 Engineer's Registration No. *530 L.L.S.*
 File No. *F.O. 1* Drawing No. _____
 Date *OCT. 9, 1975* Scale *1" = 1320'*

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

WELL LOCATION MAP
 FILE NO. **BAR-734**

+ 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.

47-001

6-6 Elk Creek (155)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

WELL RECORD /

Quadrangle Philippi

Permit No. BAR 734

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

BERRY ENERGY CONSULTANTS & MANAGERS, INC.

Company ~~Consolidated Gas Supply Corporation~~
Address Clarksburg, W. Va.
Farm Burton A. Roy Acres 272
Location (waters) Elk Creek
Well No. B-5 Elev. 1297
District Elk County Barbour
The surface of tract is owned in fee by _____
Burton A. Roy
Address Philippi, Route 1, W. Va.
Mineral rights are owned by Burton A. Roy, et al
Address Same
Drilling Commenced 10/22/75
Drilling Completed 10/28/75
Initial open flow 48 MCF cu. ft. _____ bbls.
Final production 1,312^{MCF} cu. ft. per day _____ bbls.
Well open 7 hours hrs. before test. 1228 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. <u>1 3/4" 11 3/4"</u>	32	32	to surface
9 5/8			
8 5/8	1714	1714	175 sks
7			
5 1/2			
4 1/2	4134	4134	250 sks
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Water Frac - 500 gal. acid, 35,000# 20-40 sand, 711 bbl. water

1,312 MCF

Coal was encountered at 240-243, 312-315 Feet _____ Inches _____
Fresh water 60 Feet _____ Salt Water 1620 Feet _____
Producing Sand Benson Depth 4034 - 4040

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top So			0	3		
Clay			3	5		
Sand and Shale			5	50		
Sand White			50	80		1/2" to 3/4" Stream Water
Sand and Shale			80	90		
Red Rock			90	100		
Sand and Shale			100	240		
Coal			240	243		
Sand and Shale			243	312		
Coal			312	315		
Sand and Shale			315	375		
Sand White			375	515		
Shale			515	525		
Sand White			525	620		
Sand and Shale			620	630		
Sand			630	715		
Sand and Shale			715	790		
Sand White			790	900		
Sand and Shale			900	920		
Red Rock			920	980		
Shale Gray			980	1025		
Sand White			1025	1145		
Sand, Shale and Red Rock			1145	1217		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet /	Bottom Feet	Oil, Gas or Water	* Remarks
Little Lime			1217	1227		
Sandy Shale			1227	1265		
Big Lime			1265	1345		
Big Injun			1345	1465		
Sand Shale			1465	1500		
Sand			1500	1530		
Sand and Shale			1530	1600		
Sand Gantz			1600	1635		5" Stream Water
Sand and Shale			1635	1640		
Sand Gantz A			1640	1670		
Sand and Shale			1670	1680		
Sand			1680	1720		
Sand and Shale			1720	1790		
Sand			1790	1815		
Sand and Shale			1815	1950		
Sand			1950	2000		
Sand and Shale			2000	2070		
Sand			2070	2090		
Sand and Shale			2090	4025		Gas 2584 No show
Sand Brown			4025	4037		Gas 3116 No show
Sand and Shale			4037	4144		Gas 3646 No show
						Gas 3862 No show
						Gas 4019 No show
						Gas 4050 40/10 1" FMW
						Gas 4144 26/10 1" FMW
K.B. T. D.		4144				

* Benson 4054-4061

Date April 5, 1976

APPROVED W.B. Berry *W.B. Berry* Owner

By President

(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED
OCT 22 1975
DEPARTMENT OF MINES

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE October 22, 1975

Surface Owner Burton A. Roy
Address Elk City, West Virginia
Mineral Owner Burton A. Roy, et al
Address Elk City, West Virginia
Coal Owner Burton A. Roy
Address Elk City, West Virginia
Coal Operator N/A
Address MUST BE POSTED AT THE WELL SITE

Company Berry Energy Consultants & Mgrs., Inc.
Address P. O. Box 5, Clarksburg, W.Va. 26301
Farm Burton A. Roy Acres 272
Location (waters) Elk Creek
Well No. B-5 Elevation 1297
District Elk County Barbour
Quadrangle Philippi

Operations 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 2-22-76.

Robert A. Thomas
Deputy Director - Oil & Gas Division

Paul Thomas

INSPECTOR TO BE NOTIFIED
PH: 496-7739

ADDRESS Augusta, W.Va.

GENTLEMEN: This plat

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 1961 by Burton A. Roy made to Hope Natural Gas Company and recorded on the 10th day of November 1961 in Barbour County, Book 45 Page 24

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.

Very truly yours,

(Sign Name) W. M. Murray

Well Operator

PLEASE SUBMIT COPIES OF ALL ORIGINALS TO DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 979
Martinsburg, W. Va. 26505
304-296-4461

Address of Well Operator

Street

City or Town

State

SECTION 3. If no objections are filed or found by the Department of mines, within ten (10) days of 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 authorizing the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and the well operator authorized to proceed.

BAR-734

PERMIT NUMBER

Survey

47-001

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) _____ RESPONSIBLE AGENT _____
 NAME S. W. Jack Drilling Company _____ NAME Jim Willett _____
 ADDRESS Indiana, Penna. _____ ADDRESS Buckhannon, W. Va. _____
 TELEPHONE 412 - 463/9191 _____ TELEPHONE 472-5468 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 4200 _____ ROTARY X _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson _____
 TYPE OF WELL: OIL _____ GAS X COMB. _____ SPONGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT WEIGHT OR SACKS (CUB. FT.)
20 - 16			
13 - 10	30'	30'	To surface
9 - 5/8	1640'	1640'	700
8 - 5/8			
7			
5 1/2			
4 1/2	4180'	4180'	1500'
3			
2			
Liners			

APPROXIMATE FRESH WATER DEPTHS 379-395 FEET 1620 SALT WATER FEET _____
 APPROXIMATE COAL DEPTHS 274-279 _____ 433-437 _____
 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 1, 5, and 6 of the West Virginia Code.