



MAP SHEET 56A S 22 E 21

- Fracture....
- Redrill.....
- New Location.
- Drill Deeper.....
- Abandonment.....

Source of Elevation C.G.S.C. WELL # 10394 ELEVATION 1330'
 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 accuracy, one part in 200

Company J.J. ENTERPRISES
BERRY ENERGY CONSULTANTS & MANAGERS, INC.
 Address PROFESSIONAL BUILDING SUITE 309
CLARKSBURG, WEST VIRGINIA 26301

Farm PAUL D. PICKENS, William Compton
 Tract Acres 300 Lease No. _____
 Well (Farm) No. _____ Serial No. B-218
 Elevation (Spirit Level) 1364' *WC*
 Quadrangle PHILIPPI, Brownton 7 1/2'
 County BARBDUR District ELK
 Engineer Daniel L. Wheeler
 Engineer's Registration No. 530 L.L.S.
 File No. B-1321 Drawing No. _____
 Date JANUARY 25th 1979 Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. 47-001-1131

+ 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.
 MAR 21 1979
 — Denotes one inch spaces on border line of original tracing.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle PHILIPPI
001
Permit No. BAR-1131

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

Company J & J Enterprises, Inc.
c/o Berry Energy Consultants, Inc.
Address Clarksburg, W. Va.
Farm Paul Pickens Acres 300
Location (waters) Arnold Run
Well No. B-218 Elev. 1364'
District Elk County Barbour
The surface of tract is owned in fee by William E. Compton
Address Rt. #1, Philippi, WV
Mineral rights are owned by Paul Pickens MD.
Address P.O. Box 277, Cumberland,
Drilling Commenced 3-8-79
Drilling Completed 3-20-79
Initial open flow 133 M cu. ft. _____ bbls.
Final production 1,055 Mcu. ft. per day _____ bbls.
Well open 4 hrs. before test 1725# RP.
Well treatment details: 14 days

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 16"	44'	44'	
13 1/2" 11"	149'	149'	To surface
9 5/8			
8 5/8	2598'	2598'	To surface
7			
5 1/2			
4 1/2	4509'	4509'	200 sks
3			
2			
Liners Used			

Attach copy of cementing record.

Benson sand treated with 75,000# sand, 883 bbl water and 500 gal 15% acid
Perforations: 4415-4421' with 10 holes

Coal was encountered at 87' Feet 36" Inches
Fresh water 80' Feet _____ Salt Water 1275' Feet _____
Producing Sand Benson Depth 4415-4421'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Sand & Shale			0	87	Water	80' Fresh
Coal			87	90		
Shale & Red Rock			90	940		
Sand & Shale			940	1020		
White Sand			1020	1285	Water	1275' Salt
Shale & Red Rock			1285	1570		
Big Lime			1570	1794		
Big Injun			1794	1874		
Gantz Sand			2055	2110	Water	2080' Salt
Fifth			2464	2507		
Sand & Shale			2507	3490		
Speechley			3490	3670		
Sand & Shale			3670	3840		
Balltown			3840	4390		
Sand & Shale			4390	4415		
Benson			4415	4450	Gas	4415-21'
Total Depth				4633'		
J. & J. Enterprises, Inc. c/o Berry Energy Consultants, Inc. 303-309 Professional Building Clarksburg, W. Va. SEP 16 1980						

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

Date: 2-13-79, 19__

Operator's Well No. B-218

API Well No. 47-001-1131
State County Permit

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil ___ / Gas XX /
(If "Gas", Production ___ / Underground storage ___ / Deep ___ / Shallow XX /)

LOCATION: Elevation: 1364' Watershed: Arnold Run
District: Elk County: Barbour Quadrangle: PHILIPPI

WELL OPERATOR J & J Enterprises, Inc
c/o Berry Energy Consultants, Inc. DESIGNATED AGENT Berry Energy Consultants, Inc.
Address 309 Professional Building Address 309 Professional Building
Clarksburg, W. Va. 26301 Clarksburg, W. Va.

OIL & GAS ROYALTY OWNER Paul Pickens
Address P.O. Box 277
Cumberland, MD

COAL OPERATOR William E. Compton
Address: Rt. #1, Philippi, WV

ACREAGE '300
SURFACE OWNER William E. Compton
Address Rt. #1, Philippi, WV
ACREAGE 300

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____
Name _____
Address _____

FIELD SALE (IF MADE) TO:
Name None
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Robert Stewart
Address Jane Lew, W. Va.

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease XX / other contract ___ / dated 6-19-61, 19__, to the undersigned well operator from Paul Pickens

[If said deed, lease, or other contract has been recorded:]
Recorded on 7-8-61, 19__, in the office of the Clerk of the County Commission of Barbour County, West Virginia, in _____ Book 44 at page 293. A permit is requested as follows:

PROPOSED WORK: Drill XX / Drill deeper ___ / Redrill ___ / Fracture or stimulate ___ /
Plug off old formation ___ / Perforate new formation ___ /
Other physical change in well (specify) _____

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.



PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 342-3092

FEB 21 1979
OIL & GAS DIVISION
DEPT. OF MINES
J & J Enterprises, Inc
c/o Berry Energy Consultants, Inc.
Well Operator
309 Professional Building, Clarksburg, WV

By [Signature]
Its President

[08-78]

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) S. W. Jack Drilling Company

Address Indiana, PA

GEOLOGICAL TARGET FORMATION, Benson

Estimated depth of completed well, 4687 feet Rotary XX / Cable tools /

Approximate water strata depths: Fresh, Unknown feet; salt, feet.

Approximate coal seam depths: 132-136 141-143 Is coal being mined in the area? Yes / No

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11 3/4	API	42	X		25		To Surface	Kinds
Fresh water									
Coal	8 5/8	API	24	X		1000		To Surface	
Intermediate									
Production	4 1/2	API	9.5			4625		To 3900	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and THIS PERMIT MUST BE POSTED AT THE WELL SITE filed in connection therewith.

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 11-2-79

Deputy Director - Oil & Gas Division

[Signature] The following waiver must be completed by the coal operator and by any coal owner or lessee who has recorded a declaration under Code § 22-4-20, if the permit is issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location, has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: , 19

By

Its