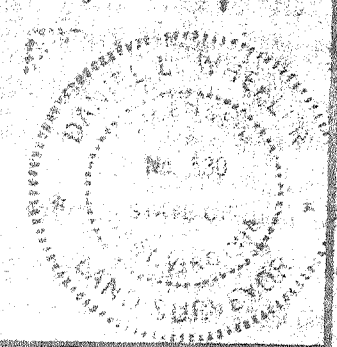


39° 15' 20"
80° 50' 10"



New Location <input checked="" type="checkbox"/> Drill Deeper <input type="checkbox"/> Abandonment <input type="checkbox"/>	Minimum Error of Closure ... 1 PART 100 Source of Elevation ... BERRY ENERGY WELL # B-312 ELEV. - 1155' "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 B of the rules and regulations of the oil and gas section of the mining laws of West Virginia."
---	--

Company	J. & J. ENTERPRISES, INC.
Address	P.O. BOX 48 BUCKHANNON, W. VA. 26201
Farm	COUNTY COMMISSION OF DODDRIDGE COUNTY
Tract	Acres 237 Lease No. H-18
Well (Farm) No.	J-235 Serial No.
Elevation (Spirit Level)	1060'
Quadrangle	WEST INDIAN 75' & 15' 50
County	DODDRIDGE District CENTRAL
Engineer	David L. Wooder
Engineer's Registration No.	530
File No.	Drawing No. 19/40
Date	MARCH 17, 1980 Scale 1" = 1,000'

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

WELL LOCATION MAP
FILE NO. 017-2636

† 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.

[08-78]

WELL OPERATOR'S REPORTS
OF

Operator's Well No. J-235

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

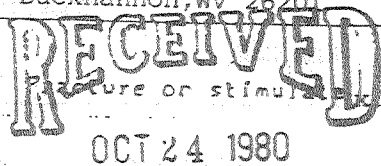
API Well No. 47 -017 2636
State County Perm

WELL TYPE: Oil ___ / Gas x / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production x / Underground storage ___ / Deep ___ / Shallow x)
LOCATION: Elevation: 1060 Watershed: Clay Lick Run
District: Central County: Doddridge Quadrangle: West Union 7.5'

WELL OPERATOR J & J Enterprises, Inc.
Address P.O. Box 48
Buckhannon, WV 26201

DESIGNATED AGENT H.L. Barnett
Address P.O. Box 48
Buckhannon, WV 26201

PERMITTED WORK: Drill x / Convert ___ / Drill deeper ___ / Redrill ___
Plug off old formation ___ / Perforate new formation ___
Other physical change in well (specify) _____



OIL & GAS DIVISION

DEPT. OF MINES

PERMIT ISSUED ON 3-24, 1980

OIL & GAS INSPECTOR FOR THIS WORK:

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED

Name Paul Garrett
Address 321 Beech St.
Clarksburg, WV 26301

GEOLOGICAL TARGET FORMATION: Alexander
Depth of completed well, 5590 feet Rotary x / Cable Tools ___
Water strata depth: Fresh 75,630 feet; ¹⁴⁵⁵ salt 1445-55 feet.
Coal seam depths: None Is coal being mined in the area? No
Work was commenced 9-17, 1980, and completed 9-24, 1980

LOGGING AND TUBING PROGRAM

LOGGING 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	H-40	42	x		32	0	0 sks.	Kinds -
Fresh water	8 5/8	ERW	23	x		1686.40	1686.40	310 sks.	
Intermediate	8 5/8	ERW	23	x		1686.40	1686.40	310 sks.	Sizes
Production	4 1/2	J-55	10.5	x		5426.10	5426.10	410 sks.	Depth set
									Perforations:
									Top Bottom
									3415 3593
									4001 4005
									4612 5023
									5314 5342

PRODUCING FORMATION: Alexander
Gas: Initial open flow, ___ Mcf/d Oil: Initial open flow, ___ Bbl/d
Combined Final open flow, 1,905 Mcf/d Final open flow, ___ Bbl/d
Time of open flow between initial and final tests, 4 hours
Static rock pressure, 1492 psig (surface measurement) after 96 hours shut in.

Second producing formation: Benson, Riley, Warren & Balltown
Gas: Initial open flow, ___ Mcf/d Oil: Initial open flow, ___ Bbl/d
Final open flow, ___ Mcf/d Final open flow, ___ Bbl/d
Time of open flow between initial and final tests, ___ hours

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Alexander: Perforations: 5314-42 (12 holes)
Fracturing: 200 sks. 80/100 sand: 300 sks. 20/40 sand: 200 lbs. Acid:
550 Bbls. fluid.

Benson & Riley: Perforations: 4612-5013 (12 holes)
Fracturing: 200 sks. 80/100 sand: 300 sks. 20/40 sand: 500 gal. Acid.
550 Bbls. fluid.

Balltown: Perforations: 4001-4005 (13 holes)
Fracturing: 200 sks. 80/100 sand: 300 sks. 20/40 sand: 500 gal. Acid.
550 Bbls. fluid.

Warren: Perforations: 3415-3593 (13 holes)
Fracturing: 200 sks. 80/100 sand: 300 sks. 20/40 sand: 500 gal. Acid.: 500 Bbls.
fluid.

ELL LOG

FORMATION	Color	Hard or Soft	S Top Feet	Bottom Feet	Remarks Including indication of all free and salt water, coal, oil and gas
Red rock & shale			0	20	
Shale			20	25	
Red rock, sand & shale			25	50	
Red rock & sand			50	70	1" stream @ 75'
Red rock, shale & sand			70	90	
Red rock, sand & shale			90	130	
Red rock, sand & shale			130	160	
Red rock, sand & shale			160	190	
Red rock, sand & shale			190	215	
Red rock, sand, & shale			215	305	
Red rock, sand & shale			305	504	
Red rock & shale			504	530	
Red rock, sand & shale			530	555	
Red rock, sand & shale			555	580	
Red rock & sand			580	630	
Sand & shale			630	675	
Sand & shale			675	775	
Sand & shale			775	890	
Red rock & shale			890	1060	
Sand & shale			1060	1120	
Red rock, sand & shale			1120	1135	
Red rock, sand & shale			1135	1335	
Salt sand			1335	1380	
Sand & shale			1380	1445	1/2" stream @ 1455
Salt sand			1445	1455	
Sand & shale			1455	1589	
Salt sand			1587	1655	Oil @ 1948
Sand & shale			1655	1874	1/2" stream @ 1948
Sand			1874	2060	
Big Lime			2060	2135	
Big Injun			2135	2195	
Sandy shale			2195	3415	
Warren			3415	3500	
Sandy shale			3500	3880	
Sand & shale			3880	3995	
Balltown			3995	4005	
Sand			4005	4612	

log T.D. 554)
John T.D. 5590. (as on log)
OK

(Attach separate sheets to complete as necessary)

J & J Enterprises, Inc.
Well Operator
By Peter Battles
Peter Battles
Its Geologist

NOTE: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

017-2636

FORMATION	Color	Hard or Soft	S Top Feet	Bottom Feet	Remarks Including indication of all fossils and salt water, coal, oil, etc.
Benson & Riley			4612	5015	
Sand & shale			5015	5130	
Brown sand			5130	5145	
Sand & shale			5145	5280	
<u>Alexander</u>			5280	5361	
Shale			5361	5590	T.D.

NOV 6 1980

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-235

API Well No. 47 - 017-2636
State County Perm

WELL TYPE: Oil ___ / Gas X /
(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X /)
LOCATION: Elevation: 1060' Watershed: Clay Lick Run
District: Central County: Doddridge Quadrangle: West Union 7.5

WELL OPERATOR J & J Enterprises, Inc.
Address P.O. Box 48
Buckhannon, WV 26201

DESIGNATED AGENT H.L. Barnett
Address P.O. Box 48
Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER Doddridge Co. Commission
Address West Union Courthouse
West Union, WV 26456

COAL OPERATOR None
Address _____

ACREAGE 237
SURFACE OWNER Edna Britton
Address RT. # 1
West Union, WV 26456
ACREAGE 237

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Doddridge Co. Commission
Address West Union Courthouse
West Union, WV 26456
Name _____
Address _____

FIELD SALE (IF MADE) TO:
Name _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address _____
RECORDED
MAR 24 1980

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett
Address 321 Beech St.
Clarksburg, WV 26301

OIL & GAS DIVISION
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease X / other contract ___ / dated 12-4, 1978, to the undersigned well operator from Paul Farr

[If said deed, lease, or other contract has been recorded:]
Recorded on 12-10, 1978, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Oil&Gas lease#107 at page 189. A permit is requested as follows:

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

Plans and specs on the work order on the reverse side hereof.

The above named well operator, coal owner(s), and coal lessee are hereby notified that any additional they wish to take are required to make by Code § 22-2-3 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 plan 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 in Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
CORRECTION LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISSION
1601 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 345-3097

BLANKET BOND

J & J Enterprises, Inc.
Well Operator
By Peter Battles
Peter Battles
Geologist

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
Address P.O. Box 48
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5500 feet Rotary X/ Cable tools /
Approximate water strata depths: Fresh, 80 feet; salt, 100 feet.
Approximate coal seam depths: None Is coal being mined in the area? Yes No X

CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight, New, Used), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILL-UP OR SACKS (Cubic feet), PACKERS (Kinds, Sizes, Depths set, 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 plot 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. THIS PERMIT MUST BE POSTED AT THE WELL SITE of the work for which a permit is sought and is noted as such on the Form IV-2 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 11-27-80

Robert L. ... Deputy Director - Oil & Gas Division

The undersigned coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be forced 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.