



New Location <input checked="" type="checkbox"/> Drill Deeper <input type="checkbox"/> Abandonment <input type="checkbox"/>	Minimum Error of Closure <u>1 PART IN 200</u> Source of Elevation <u>ROCKWELL PETROLEUM CO. WELL #1</u> <u>ELEV. - 868'</u> "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."
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Company <u>J. J. ENTERPRISES, INC.</u>
Address <u>P.O. BOX 48 RICKMANSDALE, W. VA. 26201</u>
Farm <u>JACK WEBER</u>
Tract _____ Acres <u>544</u> Lease No. _____
Well (Farm) No. _____ Serial No. <u>J-242</u>
Elevation (Spirit Level) <u>1150'</u>
Quadrangle <u>NEW MILTON 75' VADIS 15' NW</u>
County <u>DODDRIDGE</u> District <u>NEW MILTON</u>
Engineer <u>Daniel L. Wheeler</u> L.L.S.
Engineer's Registration No. <u>530</u>
File No. _____ Drawing No. _____
Date <u>3/28/80</u> Scale <u>1" = 500'</u>

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

WELL LOCATION MAP
 FILE NO. 017-2741

+ 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.

6-6 New Milton North (114) (134)
JUN 17 1980

RECEIVED

JUL 29 1980

Date: July 28, 19 80

Operator's Well No. J-242

API Well No. 017 2741

State County Permit

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

OIL & GAS DIVISION
DEPT. OF MINES

WELL OPERATOR'S REPORT
OF

DRILLING, REABLING AND STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
 (If "Gas", Production / Underground storage / Deep / Shallow
 LOCATION: Elevation: 1150 Watered: Center Camp Run
 District: New Milton County: Doddridge Quadrangle: New Milton 7.5'
 WELL OPERATOR J & J Enterprises, Inc. DESIGNATED AGENT H.L. Barnett
 Address Box 48 Address Box 48
Buckhannon, WV 26201 Buckhannon, WV 26201

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

PERMIT ISSUED ON 4-29, 19 80 OIL & GAS INSPECTOR FOR THIS WORK:
 (IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED) Name Paul Garrett
 Address 321 Beech St.
Clarksburg, WV 26301

GEOLOGICAL TARGET FORMATION: Alexander Depth 5482-5554 feet
 Depth of completed well, 5701 feet Rotary / Cable Tools
 Water strata depth: Fresh, 955 feet; salt, None feet.
 Coal seam depths: 322-28, 387-90 in coal being mined in the area? No
 Work was commenced 6-4, 19 80, and completed 6-10, 19 80

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		
Conductor	113/4H-40	42	X			20	20	0 sks. <small>Kind</small> None
Fresh water	85/8 ERW	23	X			1787.50	1787.50	415 sks.
Coal	8 5/8 ERW	23	X			1787.50	1787.50	415 sks. <small>Species</small>
Intermediate								
Production	41/2 J-55	10.5	X			5601	5601	310 sks <small>Setting set</small>
Tubing								
Liners								<small>Perforations:</small>
								<small>Top Bottom</small>
								4716 4718'
								5173 5176 BNSN
								5461 5479 ALEX

OPEN FLOW DATA

Producing formation Alexander Pay zone depth 5461-79 feet
 Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ Bbl/d
 Combined Final open flow, 539 Mcf/d Final open flow, _____ Bbl/d
 Time of open flow between initial and final tests, 4 hours
 Static rock pressure, 1675 psig (surface measurement) after 96 hours shut in
 [If applicable due to multiple completion--]
 Second producing formation Benson & Riley Pay zone depth 5173-76 feet
 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
 Static rock pressure, _____ psig (surface measurement) after _____ hours shut in

AUG 11 1980

DETAILS OF PERFORATED INTERVALS, FRACTURING ISOLATIONS, PHYSICAL CHANGE, ETC.

Alexander: Perforations: 5461-5479 (12 Holes)

Fracturing: 300 sks: 80/100 sand: 500 sks. 20/40 sand
300 lbs citric Acid: 700 Bbls. fluid.

Benson & Riley: Perforations: 5173-76: 4716-18 (11 holes)

Fracturing: 700 gal. Acid: 200 sks. 80/100 sand:
300 sks. 20/40 sand: 500 Bbls. fluid.

Well Log

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Clay			0	5	
Sand & Shale			5	38	
Shale			38	45	
Sand & Shale			45	89	
Shale & Red Rock			89	322	Damp @ 158'
Coal			322	328	
Red Rock & Shale			328	387	
Coal			387	390	
Shale & Red Rock			390	695	
Sand			695	755	
Shale & Red Rock			755	770	
Sand & Shale			770	925	
Sand, Shale & Red Rock			925	960	1/2" Stream @ 955'
Shale & Red Rock			960	995	
Sand			995	1030	
Shale & Red Rock			1030	1060	
Sand, Shale & Red Rock			1060	1120	
Sand & Shale			1120	1285	
Shale, Red Rock & Sand			1285	1440	
Sand & Shale			1440	1665	
Sand & Shale			1665	1700	
White Sand			1700	1730	
Sand & Shale			1730	2220	Damp @ 2165'
Shale, Shale & White Sand			2220	2260	
g Lime			2260	2398	
Sand			2385	2398	
Shale			2398	2496	
Leechley			2496	3556	
Sand & Shale			3662	3804	
Blittown			3804	3942	
Shale & Sand			3942	5050	
Shale & Sand			5050	5070	
Brown Sand			5070	5080	

Actual separate sheets to complete as necessary.

J & J Enterprises, Inc.

Well Operator
 By Peter Battles
 Peter Battles
 Geologist

1. The well log shall be prepared in accordance with the following instructions:
 "The well log shall be prepared in accordance with the following instructions:
 shall contain a complete, detailed, and accurate record of all formations, including all perforations, and shall be prepared in the metric system."

FORMATION	Color	Top Feet	Bottom Feet	Gas	Water	Remarks
Sand & Shale			5080	5130	Gas ck @ 2430	no show
Lt. Brown Sand & Shale			5130	5135		
Sand & Shale			5135	5148	Gas ck @ 3262	no show
Lt. Brown Sand & Shale			5148	5153		
Sand & Shale			5153	5173	Gas ck @ 3710	no show
Benson			5173	5190		
Shale & Sand			5190	5200	Gas ck @ 4351	no show
Shale			5200	5430		
Brown Sand			5430	5435	Gas ck @ 4929	no show
Sand & Shale			5435	5461	Gas ck @ 5220	no show
Alexander			5461	5479	Gas ck @ 5671	no show
Brown Sand			5479	5499	Gas ck @ T.D.	no show
Sand & Shale			5499	5701	T.D. 5701	

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-242
API Well No. 47 - 017 2741
State County Permi

WELL TYPE: Oil / Gas X /
(If "Gas", Production X / Underground storage / Deep / Shallow X /)
LOCATION: Elevation: 1150 Watershed: Center Camp Run
District: New Milton County: Doddridge Quadrangle: New Milton 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 COALTY OWNER Jack Weber
Address Rt. # 2
West Union, WV 26456

COAL OPERATOR None
Address

SURFACE OWNER Leonald & Ecile Wiseman
Address Rt. # 1, Box 72
New Milton, WV 26411
Acreage 162

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Eastern Associated Coal Assoc.
Address Koppers Building
Pittsburgh, Pa. 15219
Name
Address

FIELD SALE (IF MADE) TO:
Name
Address

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address

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

OIL & GAS DIVISION
DEPT. OF MINES

RECEIVED
APR 29 1980

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 3-26, 1974, to the undersigned well operator from Jack Weber.

If said deed, lease, or other contract has been recorded:]
Recorded on 3-26, 1974, in the office of the Clerk of the County Commission of Doddridge county, West Virginia, in Oil & Gas Book 88 at page 462. A permit is requested as follows:

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

--please do show 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 further they wish to take or are required to take 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 or 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 PHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
100 WASHINGTON STREET EAST
CHARLESTON, WV 25301
TELEPHONE: (304) 345-3090

J & J Enterprises, Inc.
Well Operator

By Peter Battles
Its Geologist

BLANKET BOND

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 Box 48 Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5700 feet Rotary X / Cable tools /

Approximate water strata depths: Fresh, 80 feet; salt, 1780 feet.

Approximate coal seam depths: 0 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 per ft, 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 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 is noted as such on the Form IV-2 filed in connection therewith.

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 1-13-81

Robert T. [Signature]

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:

E A L Y 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: 1-13-81

By Its