

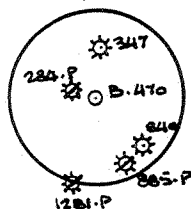
3-5-82

PLAT CARD

LATITUDE 39-00-00 N

1610'

Crawford - 15'



William T. Skinner  
9.02 ac.

Emerson O. Gregory  
106.46 ac.

Willard C. Morgan  
10 ac.

LONGITUDE 80-15-00 W

stone 2  
S72E  
619.08'

N69-15E  
630.3'

N45E 4070'  
S25W  
693.99'

maple

15'

gum

stake

Willard C. Morgan and  
Josephine G. Morgan  
30.77 ac.

C.O. Anderson  
27.83 ac.

Willard C. Morgan  
27.546 ac.

N11-15E  
1355.97'

S57-13E  
252.7'

S35W  
950.07'

Location B-470  
Elev. 1610'

Stake  
(found 4" w.o. at fence corner)

N12-14W  
464'

S19-45W  
337'

William Warner  
61.27 ac.

N86-30W 798.93'

stake  
(fence post)

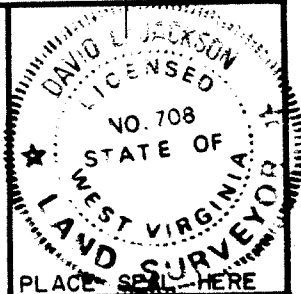
William Warner  
47 ac.

Clarence Hockenberry  
116.95 ac.

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION Rd. intersection 2850' NW of Location; Elev. 1462

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) David L. Jackson  
 R.P.E. \_\_\_\_\_ L.L.S. 708



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6  
(8-78)



Department of Mines  
Oil & Gas Division

DATE December 18, 1981  
 OPERATOR'S WELL NO. B-470  
 API WELL NO. \_\_\_\_\_  
47 - 097 - 2411  
 STATE COUNTY PERMIT

**CANCELLED**

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS", PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X)  
 LOCATION: ELEVATION 1610 WATER SHED Stony Run  
 DISTRICT Buckhannon COUNTY Upshur  
 QUADRANGLE Adrian 7.5 min.  
 SURFACE OWNER Willard C. and Josephine G. Morgan ACREAGE 30.77  
 OIL & GAS ROYALTY OWNER Willard C. Morgan and Josephine G. Morgan LEASE ACREAGE 68.316  
 LEASE NO. 2252  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Haverty ESTIMATED DEPTH 5500  
 WELL OPERATOR J&J Enterprises, Inc. DESIGNATED AGENT Berry Energy Consultants & Mgr's, Inc.  
 ADDRESS % Berry Energy Consultants & Mgr's, Inc. 11th Fl. Union National Bank Bldg. P.O. Box 5, Clarksburg, WV 26302

MAR 21 1983



WELL NO. B-470  
 Farm W.C. Morgan  
 API # 47-097-2411  
 Date December 28, 1981

V-2  
 (Reverse)  
 (Revised 3-81)

STATE OF WEST VIRGINIA  
 OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 1610' Watershed: Stony Run  
 District: Buckhannon County: Upshur Quadrangle: Adrian 7.5 min

J & J Enterprise Inc. %  
 WELL OPERATOR Berry Energy Consultants & Mgrs. DESIGNATED AGENT Berry Energy Consultants & Mgrs.  
 Address P.O. Box 5 Address SAME  
Clarksburg, W. Va. 26301

OIL AND GAS ROYALTY OWNER Willard C. Morgan and Josephine G. Morgan  
 Address Rt. #6, Box 282  
Buckhannon, W. Va. 26201  
 Acreage 68.316

COAL OPERATOR Non-Operated  
 Address \_\_\_\_\_

SURFACE OWNER SAME  
 Address SAME  
 Acreage 30.77

COAL OWNER(S) WITH DECLARATION ON RECORD:  
 NAME James Joseph LaRosa  
 Address 420 Buckhannon Pike  
Clarksburg, West Virginia 26301  
 NAME \_\_\_\_\_  
 Address \_\_\_\_\_

FIELD SALE (IF MADE) TO:  
 NAME \_\_\_\_\_  
 Address \_\_\_\_\_

COAL LESSEE WITH DECLARATION ON RECORD:  
 NAME \_\_\_\_\_  
 Address \_\_\_\_\_

OIL AND GAS INSPECTOR TO BE NOTIFIED:  
 NAME Robert Stewart  
 Address P.O. Box 345  
Jane Lew, W. Va. 26378  
 Telephone 884-7782

RECEIVED

FEB 11 1982

OIL AND GAS DIVISION  
 WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed  / lease  / other contract  / dated May 7th, 1981, to the undersigned well operator from W C Morgan & Josephine G Morgan his wife to W.B. Berry  
 (If said deed, lease, or other contract has been recorded:)

Recorded on May 29th, 1981, in the office of the Clerk of County Commission of

Upshur County, West Virginia, in 0/G 64 Book at page 558. A permit is requested as follows:

PROPOSED WORK: Drill  / 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 receipt of this Application by the Dept. 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 lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

J & J Enterprise Inc. %  
Berry Energy Consultants & Mgrs.  
 Well Operator

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
 1013 WASHINGTON ST., E.  
 CHARLESTON, WV 25311

BLANKET BOND

By: W B Berry  
 Its: Operator

(Revised 3-81)

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 P.O. Box 48  
Buckhannon, West Virginia 26201

GEOLOGICAL TARGET FORMATION Benson  
Estimated depth of completed well 4600' feet. Rotary XX / Cable tools    /  
Approximate water strata depths: Fresh, 75'-220' feet; salt, None feet.  
Approximate coal seam depths: Unknown  
Is coal being mined in this area: Yes    / No XX /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drilling	Left in Well		
Conductor	11 3/4	API	42#	X		30'	30'		Kinds
Fresh water									Sizes
Intermed.	8 5/8	API	24#	X		1000'	1000'	To Surface	
Production	4 1/2	API	10#	X		4600'	4600'	200 Sks.	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 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,  
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY  
APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE  
IF OPERATIONS HAVE NOT COMMENCED BY 11-11-82  
BY [Signature]

The following waiver must be completed by the 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 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: