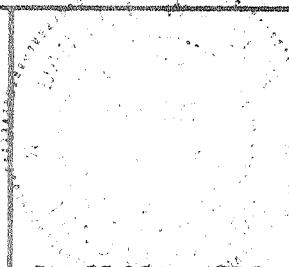


FILE NO _____
 DRAWING NO _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION INT. RTS. 26 AND 11
ELEVATION 755'

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) Amiel L. Moore
 R.P.E. _____ L.L.S. 530



PLACE SEAL HERE

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

FORM IV-6 (8-78)



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE JULY 29th 19 80
 OPERATOR'S WELL NO J-351
 API WELL NO. 47 - 017 - 2812
 STATE COUNTY PERMIT

WELL TYPE OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION ELEVATION 1130' WATER SHED LICK RUN TO ARNOLD CREEK
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE WEST UNION T.5' & 15' SC
 SURFACE OWNER CARDL AND FRANCES SHEPHERD ACREAGE 96 Ac.
 OIL & GAS ROYALTY OWNER MARY WELCH AND PAUL STRICKLING LEASE ACREAGE 96 Ac.
 LEASE NO H-24

PROPOSED WORK DRILL 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 ALEXANDER ESTIMATED DEPTH 5300'
 WELL OPERATOR J. AND J. ENTERPRISES, INC. DESIGNATED AGENT HARRY BARNETT
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48
BUCKHANNON WEST VIRGINIA 26201 BUCKHANNON WEST VIRGINIA 26201

Date: 8-4-80

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-351

API Well No. 47-0172812
State County Pe

WELL TYPE: Oil / Gas X /

(If "Gas", Production X / Underground storage / Deep / Shallow X /)

LOCATION: Elevation: 1130 Watershed: Lick Run to Arnolds Creek
District: Central County: Doddridge Quadrangle: West Union 7.5

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

DESIGNATED AGENT H.L. Barnett
Address P.O.Box 48
Buckhannon W.V. 262

OIL & GAS ROYALTY OWNER Mary Welch; Paul Strickling
Address 20Meadowcrest;
Parkersburg W.V ; West Union W.V.

COAL OPERATOR None
Address

ACREAGE '96
SURFACE OWNER Carrol Shepherd
Address
, Greenwood W.V. 26360
Acreage

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Mary Welch ; Paul Strickling
Address 20 Meadowcrest;
Parkersburg W.V.; West Union

FIELD SALE (IF MADE) TO:
Name
Address

Name
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett
Address 321 Beech St.
Clarksbyrg W.V. 26301

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address
RECEIVED
AUG - 5 1980

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 / other contract X / dated 4-28, 1980, to the undersigned well operator from Justin Henderson

[If said deed, lease, or other contract has been recorded:]
Recorded on 5-3, 1980, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Oil&Gas Lease 114 at page 698. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate X /
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 obligation 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 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 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) 348-3092

BLANKET BOND

J&J Enterprises, Inc
Well Operator

By Peter Battles
Its Peter Battles
Geologist

[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 Co.

Address P.O. Box 48
Buckhannon W.V. 26201

Alexander

GEOLOGICAL TARGET FORMATION, _____

Estimated depth of completed well, 5280 feet Rotary X / Cable tools _____ /

Approximate water strata depths: Fresh, 50 feet; salt, 1450 feet.

Approximate coal seam depths: none Is coal being mined in the area? Yes _____ / No X

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	1 1/2	4H40	42	X		30	30	0	Kinds
Fresh water	8 5/8	ERW	23	X		1500	1500	350sks	
Coal									Sizes
Intermediate									
Production	4 1/2	J-55	10.5	X		5200	5200	400sks	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 § 22-4-2a from the owner of any water well or dwelling within 200 feet of the proposed well.

THIS PERMIT MUST BE SEPARATE FROM THE WELL SITE. It 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.

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 4-7-81


Deputy Director - Oil & Gas Division

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 _____