

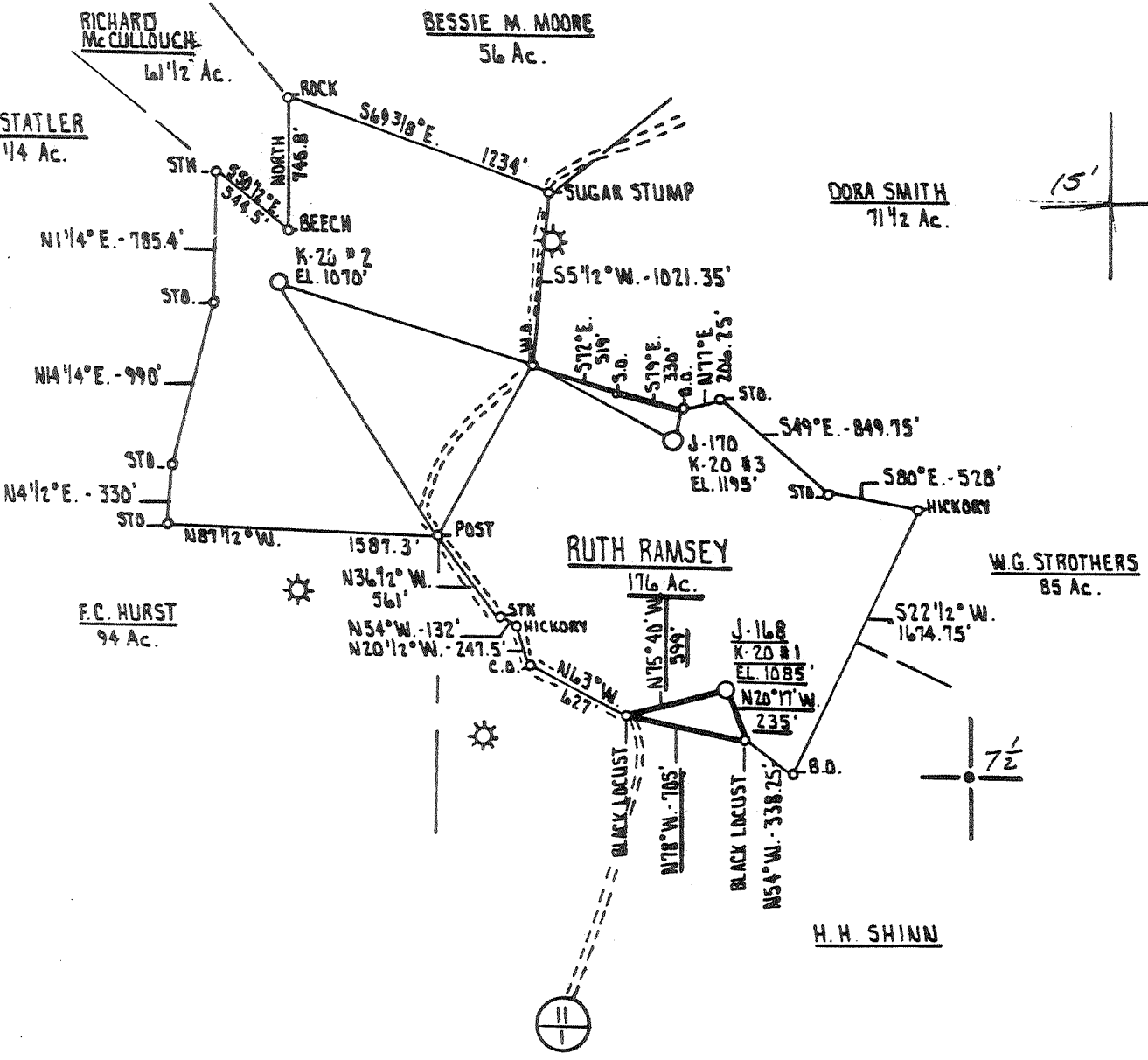
2-25

7-7-80

LATITUDE 39° 20' 00"

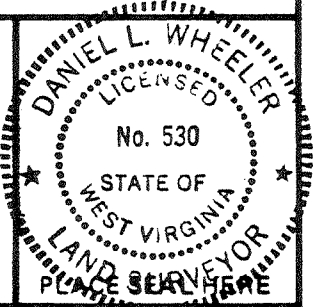
LONGITUDE 80° 50' 00"

NORTH



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION INT. OF RT. 26 AND RT. 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) Daniel L. Wheeler
 R.P.E. _____ L.L.S. 530



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-8 (8-78)



DATE JUNE 2nd 19 80
 OPERATOR'S WELL NO. (K-20-1)(J-168)
 API WELL NO. _____
47 - 017 - 2597 REV
 STATE COUNTY PERMIT

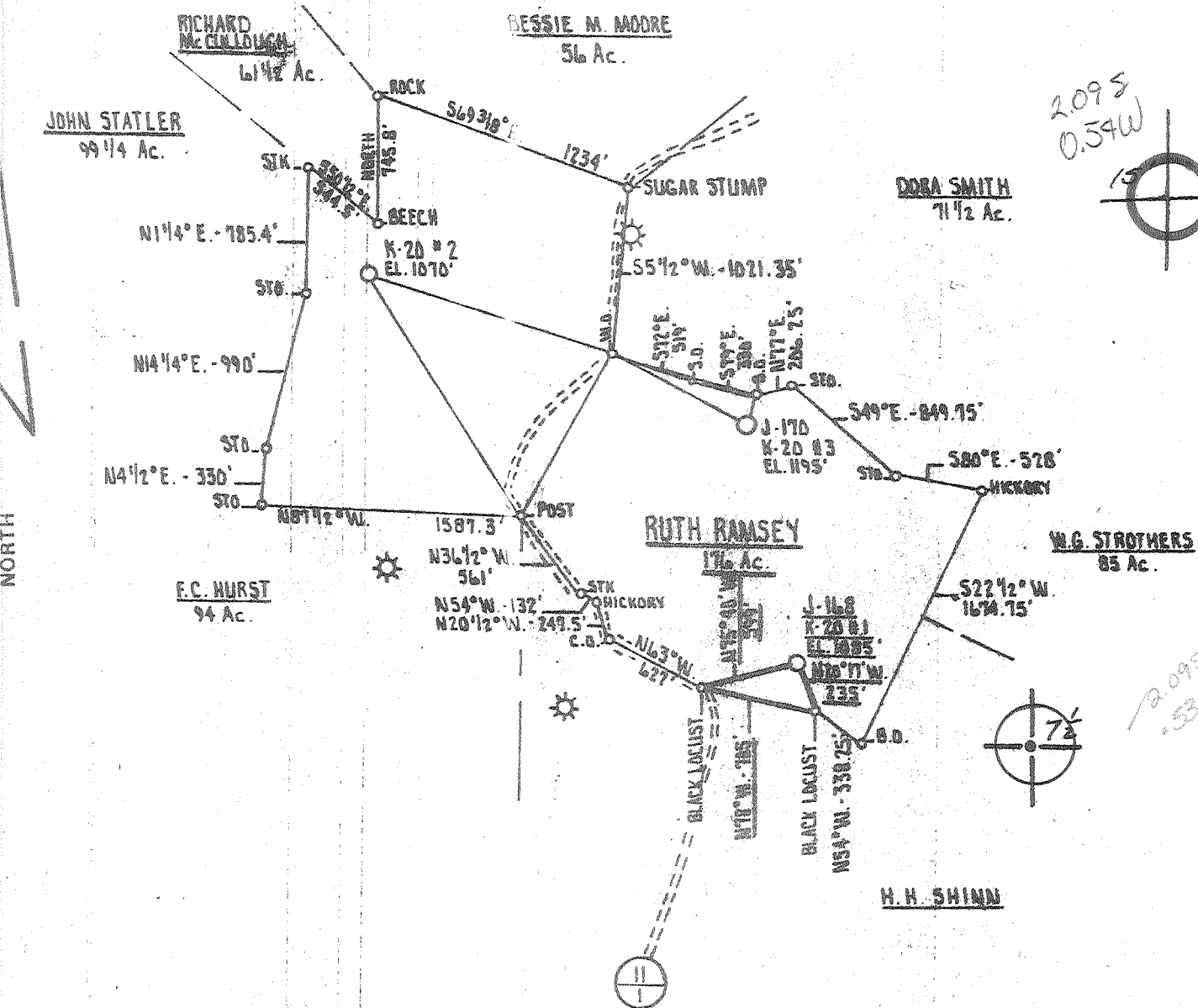
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

Cancelled

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1085' WATER SHED LICK RUN TO ARNOLDS CREEK
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE WEST UNION 7.5' & 15'
 SURFACE OWNER CLARENCE HURST ACREAGE 176 Ac.
 OIL & GAS ROYALTY OWNER RUTH RAMSEY LEASE ACREAGE 176 Ac.
 LEASE NO. K-20
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ REVISED LOCATION #2 STK
 PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5150'
 WELL OPERATOR J. AND J. ENTERPRISES DESIGNATED AGENT HARRY BARNETT
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48
BUCKHANNON WEST VIRGINIA 26201 BUCKHANNON WEST VIRGINIA 26201

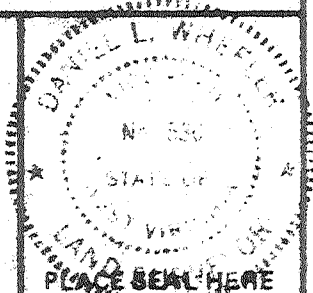
LATITUDE 39° 20' 00"

LONGITUDE 80° 50' 00"



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION INT. DF RT. 26 AND RT. 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) Daniel L. Wheeler
 R.P.E. _____ L.L.S. 538



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)

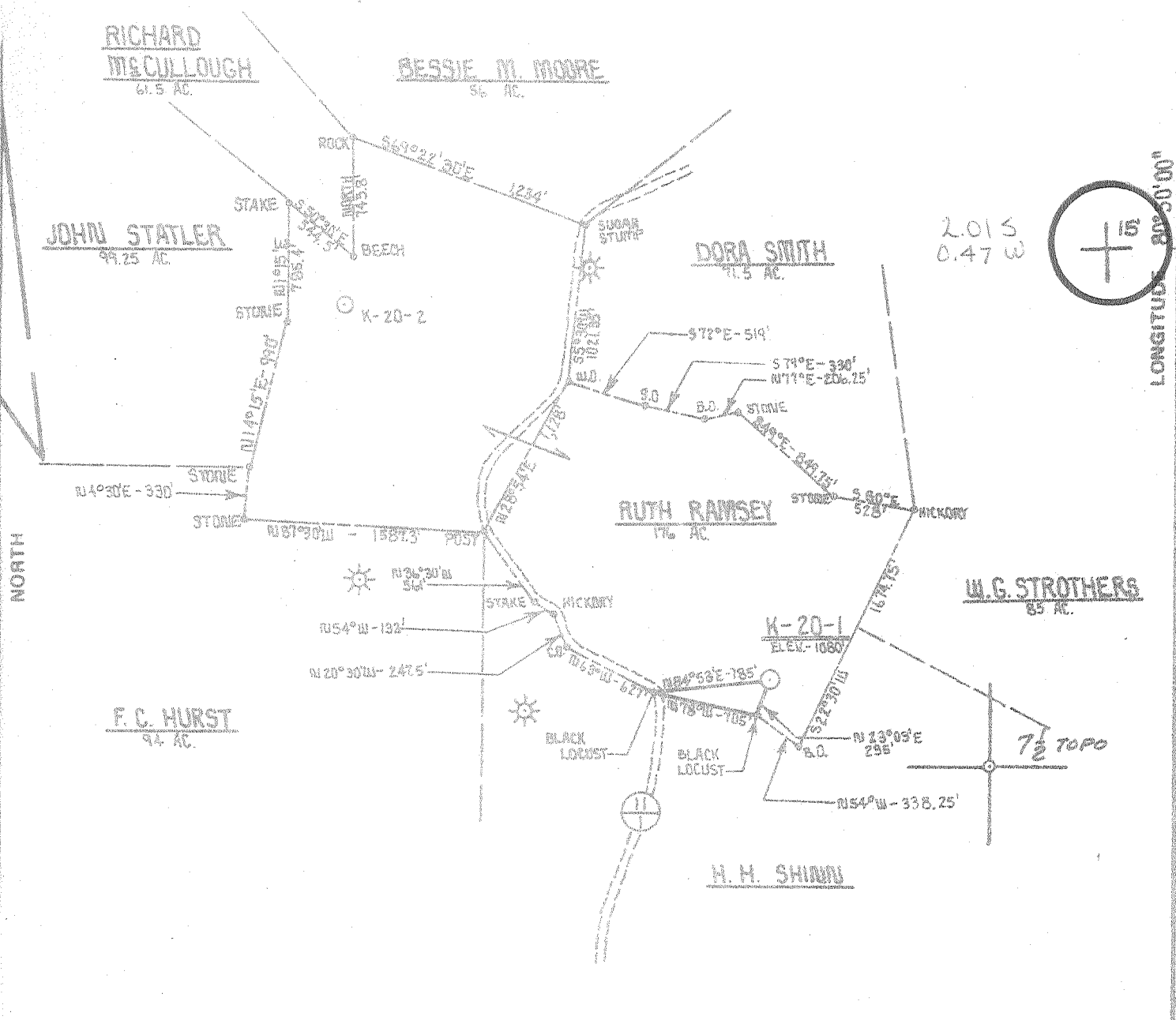


DATE JUNE 2ND 19 80
 OPERATOR'S WELL NO. (K-20-1)(J-168)
 API WELL NO. _____
47 - 017 - 2597 REV
 STATE COUNTY PERMIT

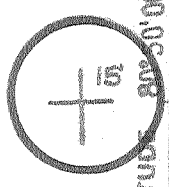
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1085' WATER SHED LICK RUN TO ARNOLDS CREEK
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE WEST UNION 7.5' & 15' SC
 SURFACE OWNER CLARENCE HURST ACREAGE 176 Ac.
 OIL & GAS ROYALTY OWNER RUTH RAMSEY LEASE ACREAGE 176 Ac.
 LEASE NO. K-20
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ REVISED LOCATION #2 STK
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5150'
 WELL OPERATOR J. AND J. ENTERPRISES DESIGNATED AGENT HARRY BARNETT
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48
BUCKHANNON WEST VIRGINIA 26201 BUCKHANNON WEST VIRGINIA 26201

AUG 1 1980



2015
0.47 W



LONGITUDE 80°30'00"

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1,000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION INT. OF RT. 26 S. RT. 11
ELEV. - 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) Donnie L. Wheeler
 R.P.E. _____ L.L.S. 530

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE FEBRUARY 7, 19 80
 OPERATOR'S WELL NO. K-20-1
 API WELL NO. _____
47 - 017 - 2597
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1080' WATER SHED LICK RUN TO ARNOLDS CREEK
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE WEST UNION 7.5', 15' SC
 SURFACE OWNER CLARENCE HURST ACREAGE 176
 OIL & GAS ROYALTY OWNER RUTH RAMSEY LEASE ACREAGE 176
 LEASE NO. K-20
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X 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 5,150'
 WELL OPERATOR L & L ENTERPRISES, INC. DESIGNATED AGENT HARRY BARNETT
 ADDRESS P.O. BOX 48 BUCKHANNON, W.VA. 26201 ADDRESS P.O. BOX 48 BUCKHANNON, W.VA. 26201

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. K-20-#1

API Well No. 47 - 017 - 2597 State County Permit

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

LOCATION: Elevation: 1080 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. Va. 26201

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

OIL & GAS ROYALTY OWNER Ruth Ramsey/Nell Allen Address 316 Stealey Ave./Box 455 Clarksburg, W.Va./Pennsboro, W. Va.

COAL OPERATOR None Address

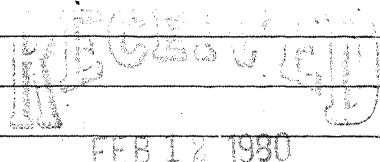
SURFACE OWNER Clarence Hurst Address Greenwood West Virginia 26360 Acreage 176

COAL OWNER(S) WITH DECLARATION ON RECORD: Name George & Nell Allen Address Box 455 Pennsboro, W. Va. 26415

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, W. Va. 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 June 28, 1978, to the undersigned well operator from Ruth Ramsey.

[If said deed, lease, or other contract has been recorded:] Recorded on August 29, 1978, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, Oil & Gas Lease Book 104 at page 452. A permit is requested as follows:

REQUIRED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate X / Perforate new formation /

... of the work order on the reverse side hereof. ... coal owner(s), and coal lessee are hereby notified that any ... required to make by Code § 22-4-3 must be filed with the Department ... fifteen (15) days after the receipt of this Application by the Department. ... of this Permit Application and the enclosed plat and reclamation plan have been ... by registered ... delivered by hand to the above named coal operator, coal owner(s), and coal lessee ... 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 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

J & J ENTERPRISES, INC. Well Operator By Peter Battles PETER BATTLES GEOLOGIST Its

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 P. O. Box 48
Buckhannon, W. Va. 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5400 feet Rotary X / Cable tools /

Approximate water strata depths: Fresh, 60 feet; salt, 1510 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	Kinds	None
Conductor	11 3/4	H-40	42	X		30	0	0 sks.	Kinds	None
Fresh water	8 5/8	ERW	23	X		1610	1610	405 sks.		
Coal	8 5/8	ERW	23	X		1610	1610	405 sks.	Sizes	
Intermediate										
Production	4 1/2	J-55	10.5	X		5400	5400	300 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 such fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the permit application 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 10-13-80

[Signature]
Deputy Director - Oil & Gas Division

The undersigned coal operator and by any coal owner of the coal under this well has examined the proposed well location and by any coal owner has declared under Code § 22-4-20, if the permit is to be issued, that the proposed well location is as follows: Date of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined the 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 _____