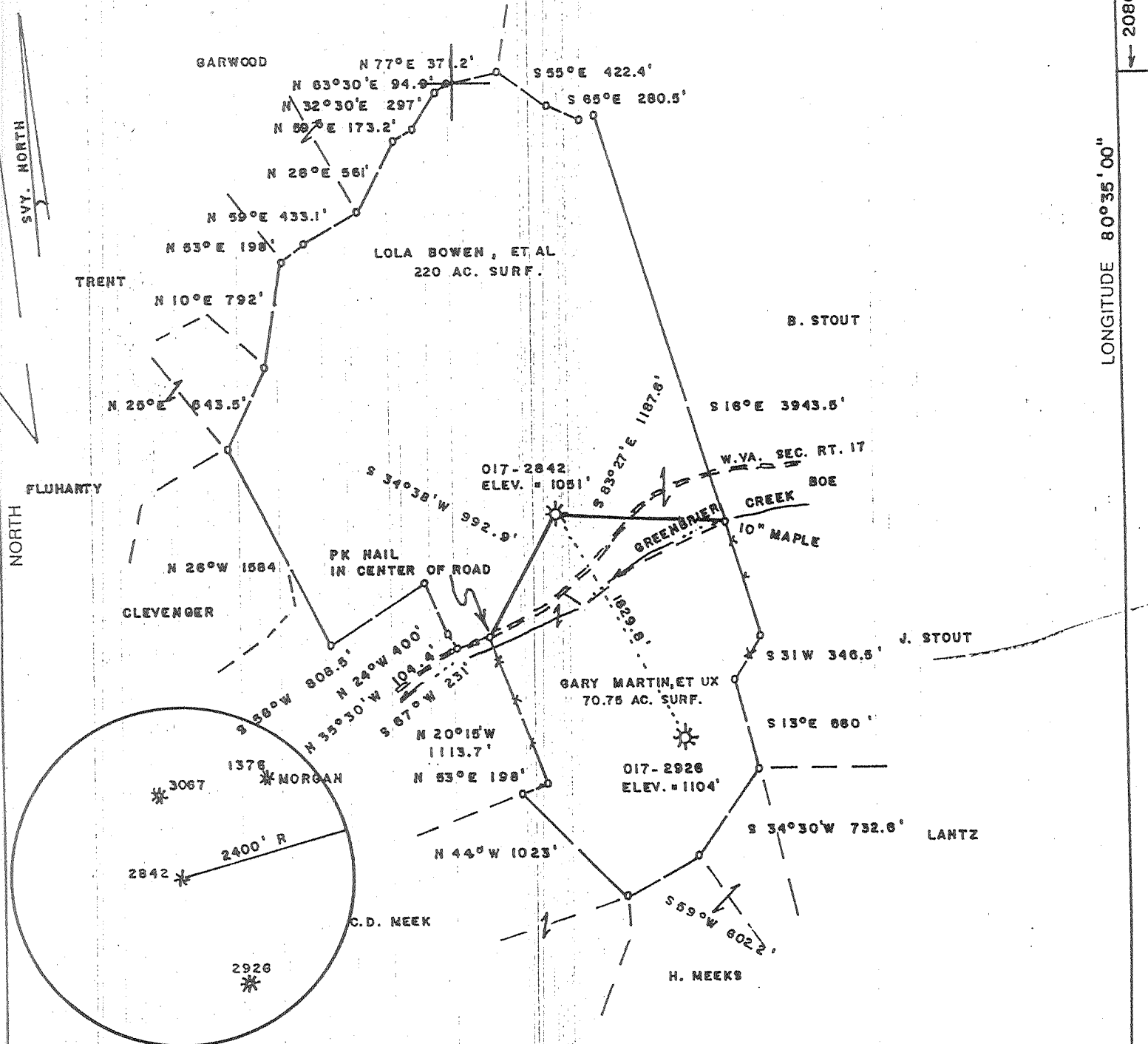


STOUT LEASE 290 AC.

LATITUDE 39° 15' 00" W 9300'

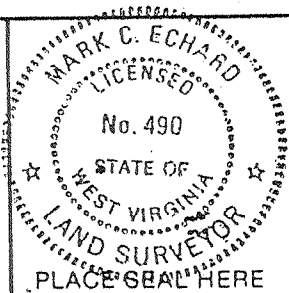
LONGITUDE 80° 56' 08"



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION JCT. OF ROAD WEST OF LEASE ELEV. = 897'

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 ENERGY.
 (SIGNED) Mark C. Echard
 R.P.E. _____ L.L.S. 490



STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS



DATE SEPTEMBER 20, 2002
 OPERATOR'S WELL NO. _____
 API WELL NO. 47 017 2842 F
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1051' WATERSHED GREENBRIER CREEK
 DISTRICT GREENBRIER COUNTY DODDRIGE
 QUADRANGLE BIG ISAAC

SURFACE OWNER LOLA BOWEN, ET AL ACREAGE 220
 OIL & GAS ROYALTY OWNER NEVA RITTER LEASE ACREAGE 290

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

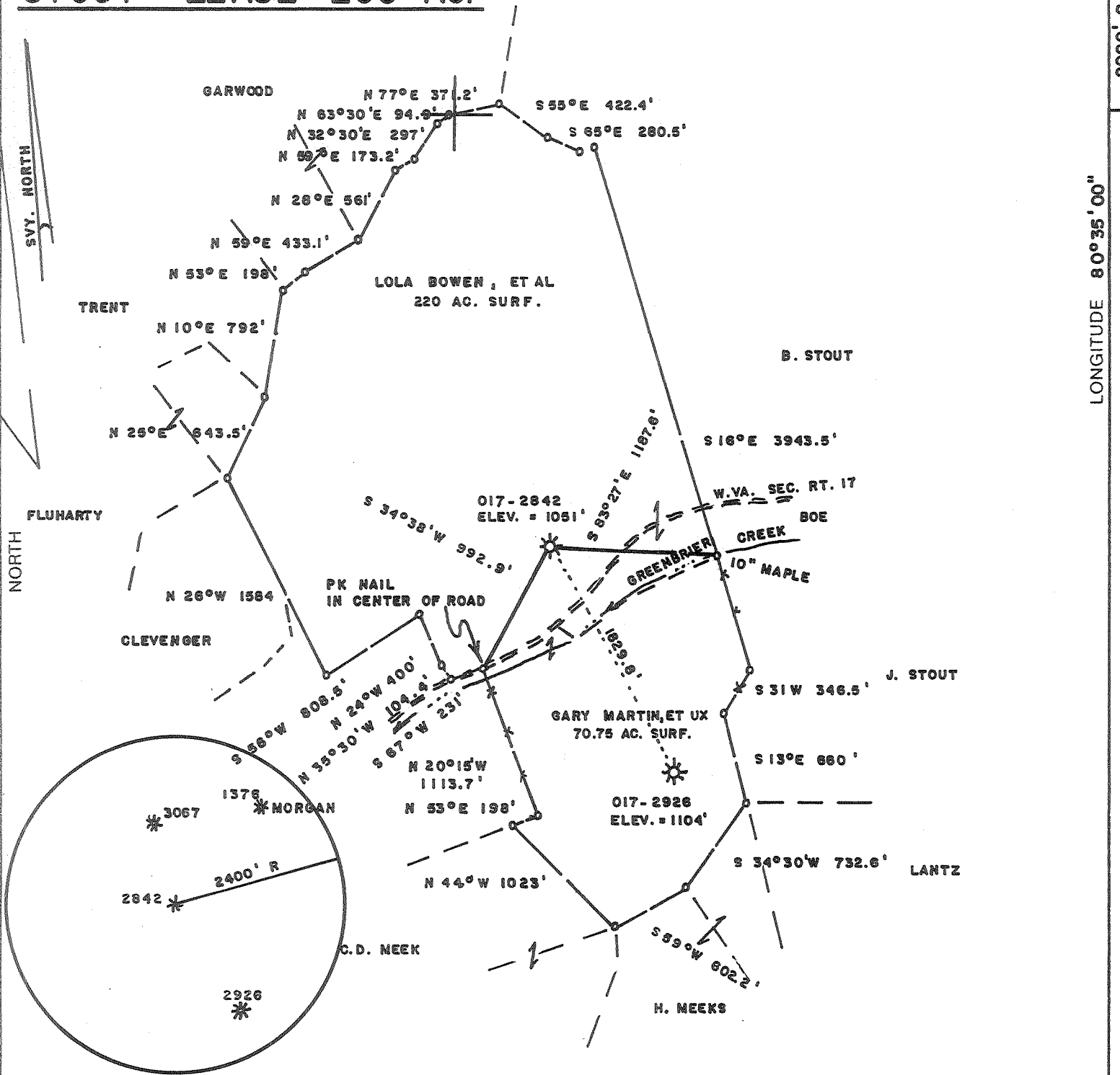
PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION 5th SAND ESTIMATED DEPTH 3500'
 WELL OPERATOR CLOWSER WELL SERVICE DESIGNATED AGENT JOHN CLOWSER
 ADDRESS RT. 3 SALEM, WV 26426 ADDRESS RT. 3 SALEM, WV 26426

COUNTY NAME DODDRIGE
 PERMIT 2842 F

FORM WW-6

STOUT LEASE 290 AC.

LATITUDE 39° 15' 00" 9300' W

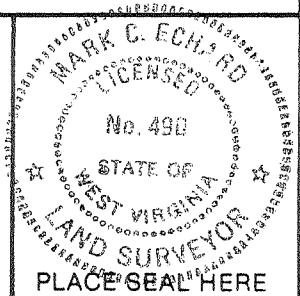


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION JCT. OF ROAD
WEST OF LEASE ELEV. = 897'

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 ENERGY.

(SIGNED) Mark C. Echard
 R.P.E. _____ L.L.S. 490



STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS



DATE SEPTEMBER 20, 2002
 OPERATOR'S WELL NO. _____
 API WELL NO. _____

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1051' WATER SHED GREENBRIER CREEK
 DISTRICT GREENBRIER COUNTY DODDRIGE

47 017 2842F
 STATE COUNTY PERMIT

QUADRANGLE BIG ISAAC
 SURFACE OWNER LOLA BOWEN, ET AL ACREAGE 220
 OIL & GAS ROYALTY OWNER NEVA RITTER LEASE ACREAGE 290

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 5th SAND ESTIMATED DEPTH 3500'
 WELL OPERATOR CLOWSER WELL SERVICE DESIGNATED AGENT JOHN CLOWSER
 ADDRESS RT. 3 SALEM, WV 26426 ADDRESS RT. 3 SALEM, WV 26426

JUN 09 2006

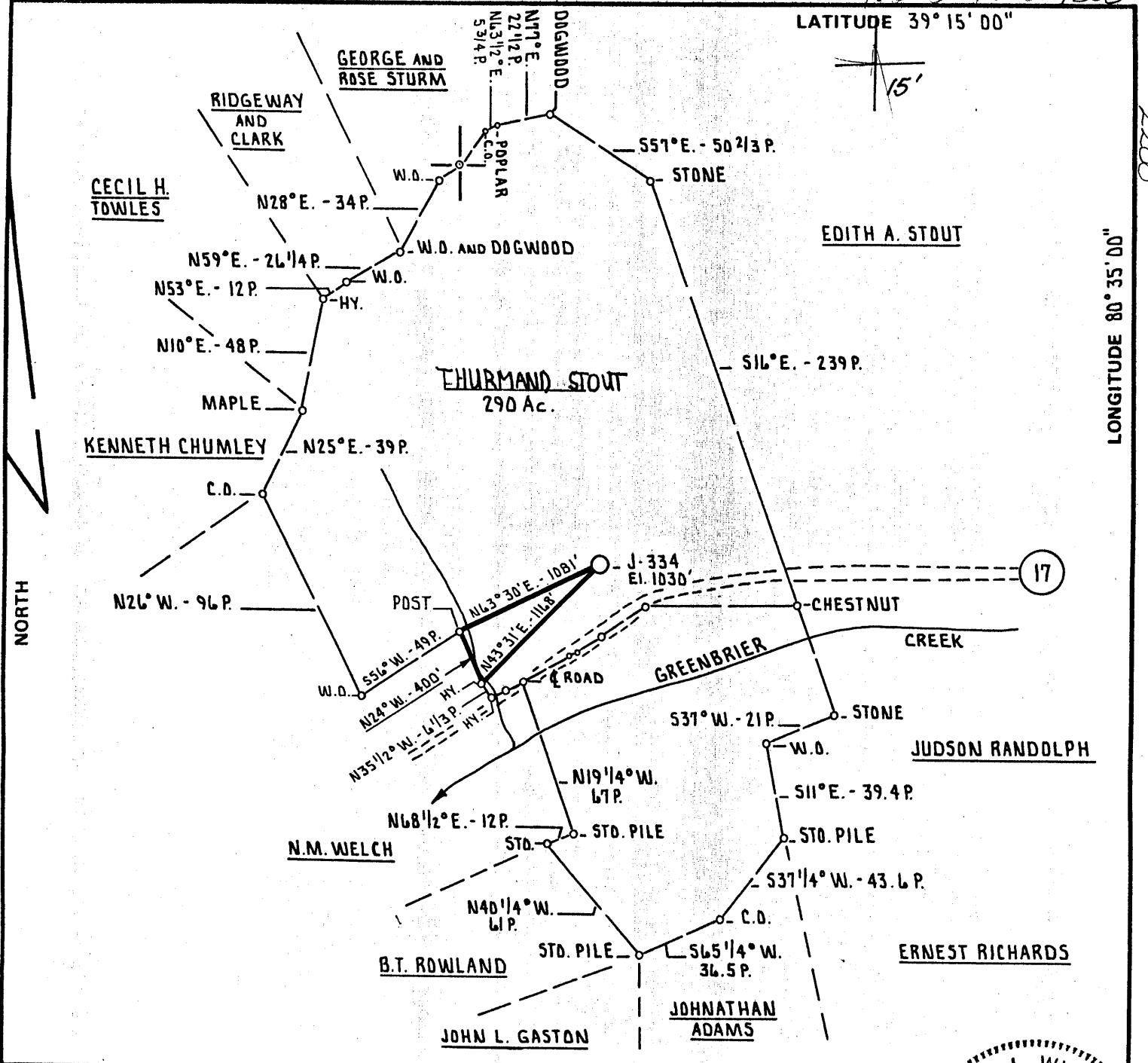
LONGITUDE 80° 56' 08" W
 COUNTY NAME DODDRIGE
 PERMIT 017-2842F

NO 9-18-80 9300

2-4

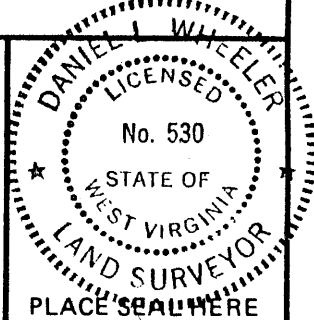
LATITUDE 39° 15' 00"

2200
"00' 55" 08 EQUINOX



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION INT. RT. 15 AND RT. 17
ELEVATION 897'

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-6
 (8-78)



DATE AUGUST 13th, 19 80
 OPERATOR'S WELL NO. J-334
 API WELL NO. _____
47 - 017 - 2842-P
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

PL. CANCELLED

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1030' WATERSHED GREENBRIER CREEK
 DISTRICT GREENBRIER COUNTY DODDRIDGE
 QUADRANGLE BIG ISAAC 7.5' YADIS 15'
 SURFACE OWNER THURMAN STOUT ACREAGE 230 Ac.
 OIL & GAS ROYALTY OWNER NEVA RITTER LEASE ACREAGE 290 Ac.
 LEASE NO. J. AND J. 64
 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 5400'
 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

AUG 01 1988

2842-P

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

WELL OPERATOR'S REPORT 4
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection Waste Disposal
(If "Gas", Production / Underground storage Deep Shallow
LOCATION: Elevation: 1030 Watershed: Greenbrier Creek
District: Greenbrier County: Doddridge Quadrangle: Big Isaac 7.5'

WELL OPERATOR J & J Enterprises, Inc. DESIGNATED AGENT H.L. Barnett
Address Box 48 Address Box 48
Buckhannon, WV 26201

PERMITTED WORK: Drill / Convert / Drill deeper Redrill /
Plug off old formation / Perforate new formation /
Other physical change in well (specify) _____
Buckhannon, WV 26201
NOV 21 1980

PERMIT ISSUED ON 9-17, 1980

OIL & GAS DIVISION
DEPT. OF MINES

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

JOB & GAS INSPECTOR FOR THIS WORK: Name Paul Garrett

Address 321 Beech St.

GEOLOGICAL TARGET FORMATION: Alexander Depth 5397-5425 feet.
Depth of completed well, 5607 feet Rotary / Cable Tools
Water strata depth: Fresh, 185-1385 feet; salt, None feet.
Coal seam depths: 210-14,475-80 Is coal being mined in the area? NO
Work was commenced _____, 1980, and completed 10/27, 1980

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	113/4	H-40	42	x		29	0	0 sks.	Kinds
Fresh water	8 5/8	ERW	23	x		1401	1401	310 sks.	
Coal	8 5/8	ERW	23			1401	1401	310 sks.	Sizes
Intermediate									
Production Tubing	4 1/2	J-55	10.5	x		5482.16	5482.16	715 sks.	Casings set
Liners									Perforations:
									Top Bottom
									4950 4953
									5070 5073
									5397 5325

OPEN FLOW DATA

Producing formation Alexander Pay zone depth 5493-5325 feet
Gas: Initial open flow, 198 Mcf/d Oil: Initial open flow, _____ Bbl/d
Combined Final open flow, _____ Mcf/d Final open flow, _____ Bbl/d
Time of open flow between initial and final tests, 4 hours
Static rock pressure, 1250 psig (surface measurement) after 96 hours shut in
[If applicable due to multiple completion--] 4950-53
Second producing formation Benson & Riley Pay zone depth 5070-73 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

DEC 18 1980

08-78]

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

Alexander: Perforations: 5397-5495 (12 holes)
Fracturing: 200 sks: 80/100 sand: 400 sks. 20/40 sand: 300 gal. Citric Acid
600 Bbls. fluid.

Benson & Riley: Perforations: 4950-5073 (11 holes)
Fracturing: 200 sks. 80/100 sand: 500 sks. 20/40 sand: 700 gal Acid.
700 Bbls. fluid.

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	REMARKS Including indication of all Green and salt water, coal, oil and gas
Conductor			0	29	
Sandy shale & sand			29	210	
Coal			210	214	1/2" stream @ 185'
Sand & sandy shale			214	475	
Coal			475	480	
Sandy shale & sand			480	745	
Sandy shale & red rock			745	1140	
Sandy shale & sand			1140	1385	1/2" stream @ 1385
Sandy shale & sand			1385	1855	
Sandy shale			1855	2050	
Little lime			2050	2060	
Sandy shale			2060	2100	Hole damp @ 1700'
Big Lime			2100	2160	
Sand & sandy shale			2160	2400	
Sand & sandy shale			2400	2555	
Sand & sandy shale			2555	2765	
Sand & sandy shale			2765	2855	
Sand & sandy shale			2855	3475	
Sand & sandy shale			3475	3740	
Sand & sandy shale			3740	4035	
Sand & sandy shale			4035	4525	
Sand & sandy shale			4525	4920	
Sand & sandy shale			4920	4950	
Sandy shale & brown sand			4950	4960	
Riley			4960	5065	
Sandy shale			5065	5073	
Benson			5073	5320	
Brown sand			5073	5320	
Sand & sandy shale			5320	5397	
Alexander ✓			5397	5425	Ck gas 15 jts. down - odor, no reading
Sand			5425	5607	T.D.

(Attach separate sheets to complete as necessary)

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

NOTE: Regulation 2.02(f) 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."

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-334

API Well No. 47-017
State County

WELL TYPE: Oil / Gas /
(If "Gas", Production / Underground storage / Deep / Shallow /
LOCATION: Elevation: 1030 Watershed: Greenbrier Creek
District: Greenbrier County: Doddridge Quadrangle: Big Isaac 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. 26201

OIL & GAS ROYALTY OWNER Neva Ritter
Address 151 Valley St.
Salem W.V. 26426

COAL OPERATOR none
Address _____

SURFACE OWNER Thurmond Stout
Address Rt. 1
Salem W.V. 26426
Acreage 220

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Willis G. Tetrick
Address Union National Center
Clarksburg W.V. 26301

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

COAL LESSEE WITH DECLARATION ON RECORD:
Name Consolidation Coal Co.
Address Rts. 48 & 119
Morgantown W.V. 26501

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

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated June 27, 1980, by undersigned well operator from Pennzoil

If said deed, lease, or other contract has been recorded:]
Recorded on _____, 19____, in the office of the Clerk of the County Commission of _____ county, West Virginia, in _____ Book _____ at page _____. 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 § 22-2-3 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 plat and reclamation plan have been sent 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, Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
15 WASHINGTON STREET EAST
CHARLESTON, WV 25311
PHONE: (304) 548-3997

RECEIVED
SEP 17 1980
OIL & GAS DIVISION
DEPT. OF MINES
BY _____
Geologist

J&J Enterprises Inc.
Well Operator
Peter Battles
Geologist

BLANKET BOND

[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

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5400 feet Rotary Cable tools
Approximate water strata depths: Fresh, 60 feet; salt, 1200 feet.
Approximate coal seam depths: none Is coal being mined in the area? Yes No

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	11 3/4	H40	42	X		30	30	0	Kinds
Fresh water	8 5/8	ERW	23	X		1300	1300	300sks.	
Coal									Sizes
Intermediate									
Production	4 1/2	J55	10.5	X		5350	5350	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 § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

THIS PERMIT MUST BE POSTED AT THE WELL SITE 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 Drilling 6/2/81

[Signature]
Deputy Director - Oil & Gas Division

The following owner 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.

cc: _____, 19 _____

By _____
Its _____