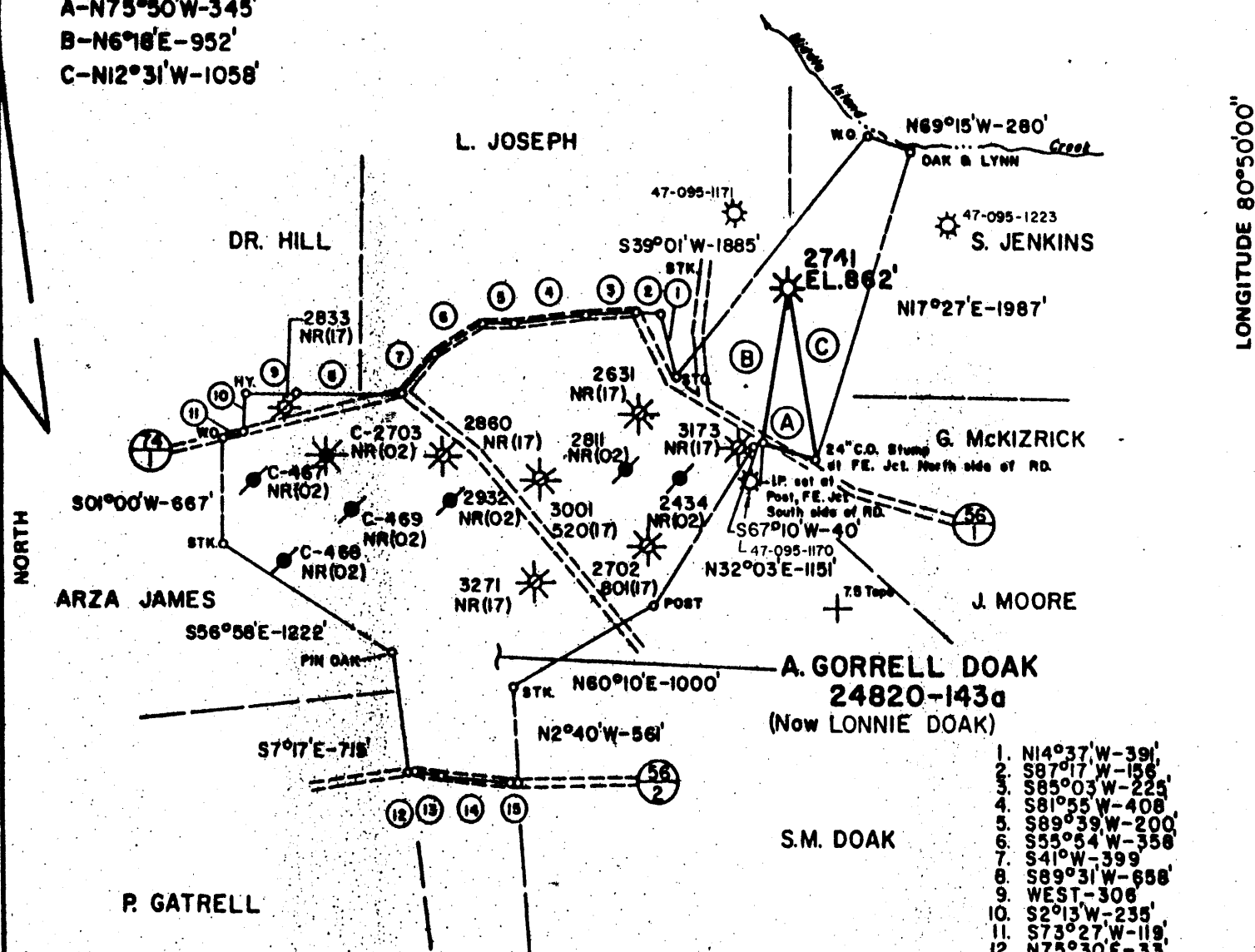


Game 3/5/90

WELL TIES
A-N75°30'W-345'
B-N6°18'E-952'
C-N12°31'W-1058'



1. N14°37'W-391'
2. S87°17'W-156'
3. S85°03'W-225'
4. S81°55'W-408'
5. S89°39'W-200'
6. S55°54'W-358'
7. S41°W-399'
8. S89°31'W-658'
9. WEST-306'
10. S2°13'W-235'
11. S73°27'W-119'
12. N75°30'E-33'
13. S81°15'E-182'
14. S85°15'E-420'
15. N81°E-42'

Q115135 FF4120202 FB.2131 PG.17-19

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1" in 200'
 PROVEN SOURCE OF ELEVATION BM=RD. FK. ELEV 825' WEST UNION TOPO-75

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) Ralph E. Campbell
 R.P.E. _____ L.L.S. 211

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE DECEMBER 5, 1989
 OPERATOR'S WELL NO. 2741
 API WELL NO. _____
47-085-0492-P
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 862 WATER SHED MIDDLE ISLAND CREEK
 DISTRICT CENTERVILLE COUNTY TYLER
 QUADRANGLE WEST UNION 7.5
 SURFACE OWNER ROBERT L. SMITH ACREAGE 35a
 OIL & GAS ROYALTY OWNER A. GORRELL DOAK (Now LONNIE DOAK) LEASE ACREAGE 143a
 LEASE NO. 24820
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR
 STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW
 FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

SEP 8 1989

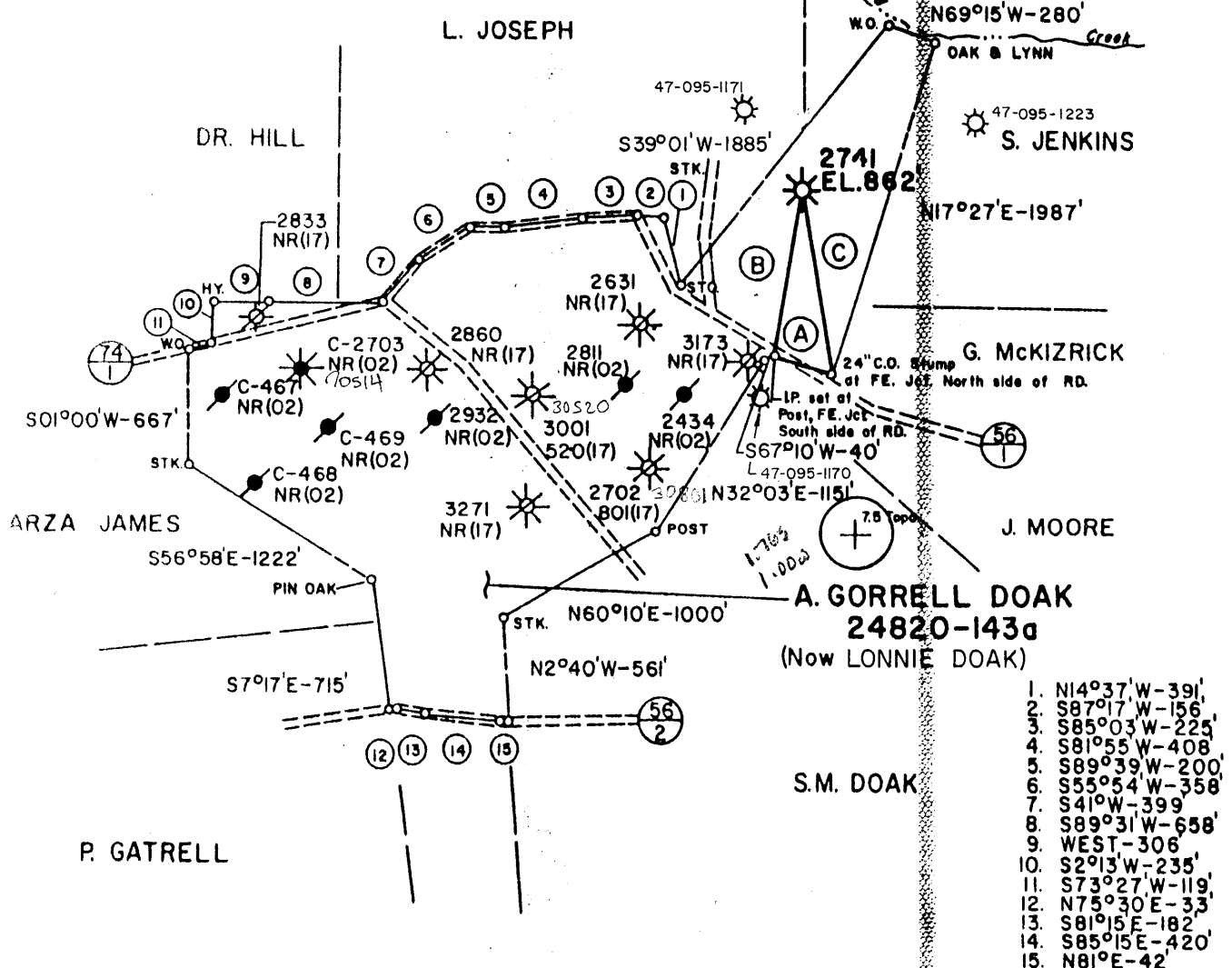
PLUG AND ABANDON X CLEAN OUT AND REPLUG
 TARGET FORMATION _____ ESTIMATED DEPTH _____
 WELL OPERATOR CNG TRANS. CORP. DESIGNATED AGENT GLENN KNEPPER

Jamie 3/5/90

5300'
LATITUDE 39°22'30"

WELL TIES
A-N75°50'W-345'
B-N6°18'E-952'
C-N12°31'W-1058'

LONGITUDE 80°50'00"
9300'



1. N14°37'W-391'
2. S87°17'W-156'
3. S85°03'W-225'
4. S81°55'W-408'
5. S89°39'W-200'
6. S55°54'W-358'
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12. N75°30'E-33'
13. S81°15'E-182'
14. S85°15'E-420'
15. N81°E-42'

calc 15 loc
4.645
1.00W

Q115135 FF4120202 F.B.2131 PG.17-19

PLAT NO. _____
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF
ACCURACY 1" in 200'
KNOWN SOURCE OF
ELEVATION BM = RD. FK. ELEV
25 WEST UNION TOPO-7.5

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF MINES.
(SIGNED) *Ralph E. Campbell*
R.P.E. _____ L.L.S. 211

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE DECEMBER 5, 19 89
OPERATOR'S WELL NO. 2741
API WELL NO.
47 - 095 - 0492 - P
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 862' WATER SHED MIDDLE ISLAND CREEK
DISTRICT CENTERVILLE 1 COUNTY TYLER
QUADRANGLE WEST UNION 7.5 +15C
SURFACE OWNER ROBERT L. SMITH ACREAGE 35a
OIL & GAS ROYALTY OWNER A. GORRELL DOAK (Now LONNIE DOAK) LEASE ACREAGE 143a
LEASE NO. 24820
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 1417 ESTIMATED DEPTH _____
WELL OPERATOR CNG TRANS. CORP. DESIGNATED AGENT GLENN KNEPPER
MAR 19 1990

Well No. **2741** Located on **J. A. ...** District **...** County **Tyler 492** State **N. Va.** Company **Sturley** Farm **...**

Location Made **9-10-12** First Work Done **9-20-12**
 Rig Commenced **9-21-12** Rig Completed **9-27-12**
 Drilling Commenced **10-8-12** Drilling Completed **11-17-12**
 Rig Contractor **...** Drilling Contractor **...**
 Drillers **...** II H. N. G. Co. Tools. String No. **...**
 Tool Dressers **...** **DEC 24 1912 H.H.S.**

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	ENTERED
Native Coal		None					WELL BOOK - ... LEAD LOGS WALL LOGS DEC 21 1912 J.C.L. LINE LOGS DEC 26 1912 H.H.S. LOCATION BOOK CONTRACTOR'S PLAT
Pittsburg Coal		None					
Little Dunkard	335	410					
Big Dunkard	865	890					
Gas Sand	1005	1110					
First Salt	1160	1185		Surf 1310			
Second Salt	1220	1320					
Maxon	1340	1380					
Little Line	1475	1525					
Pencil Cave	1640	1660					
Big Line	1665	1680					
Big Injun	1698	1708					
Squaw	1708	1772					
Beren	1772	1884					
Gantz	1890	1910					
Fifty Foot							
Thirty Foot							
Gordon Stray							
Gordon							
Fourth							
Fifth							
Bayard							
Total Depth		1916					

SIZE	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completing		Left at Well Not in Use		If more than two strings of casing are left in hole, give reasons for leaving additional strings
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
13" Csg.													
10" "	562	6	480				480		82	6			
8 1/2" "	1458	4	1160				1160		298	4			
6 5/8" "	2080		1722				1722		358				
5 3/16" "	2189	6							2189	6			
2 1/2" Csg.	2144	8	1915				1915		529	8			
2" Csg.	16		16				16						

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
12" x 8"	Anchor	167 1/2"	1748 1/2"	1st Perf set 1873 2nd " " 1777 1/2 Three Packers run in hole 3 remain in hole

SHOOTING RECORD (If shot before or upon completion of well)

DATE	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	Test Before Shot			Test After Shot			Test Taken After Shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		

CEMENTING RECORD

Date Cemented... **...** Size Hole Cemented... **...** Size Casing Cemented... **...**
 Top Pittsburg Coal... **...** Top Cementing... **...** Amount Cement Used... **...**
 Bottom Pittsburg Coal... **...** Bottom Cementing... **...** Amount Sand Used... **...**
 Mr. **...** of **...** Coal Company on ground when coal was cemented
 Remarks: **...** Signature of persons who cemented well

Tyler - 492 Approved by **...** Foreman