

STATE PLANE CO-ORDINATES
 FOR THIS PROPOSED WELL TO BE
 PLUGGED ARE:
 N 543,873.23
 E 1,795,777.92
 LAT. 38°29'26"
 LONG. 81°42'48"

LATITUDE 38°30'00"

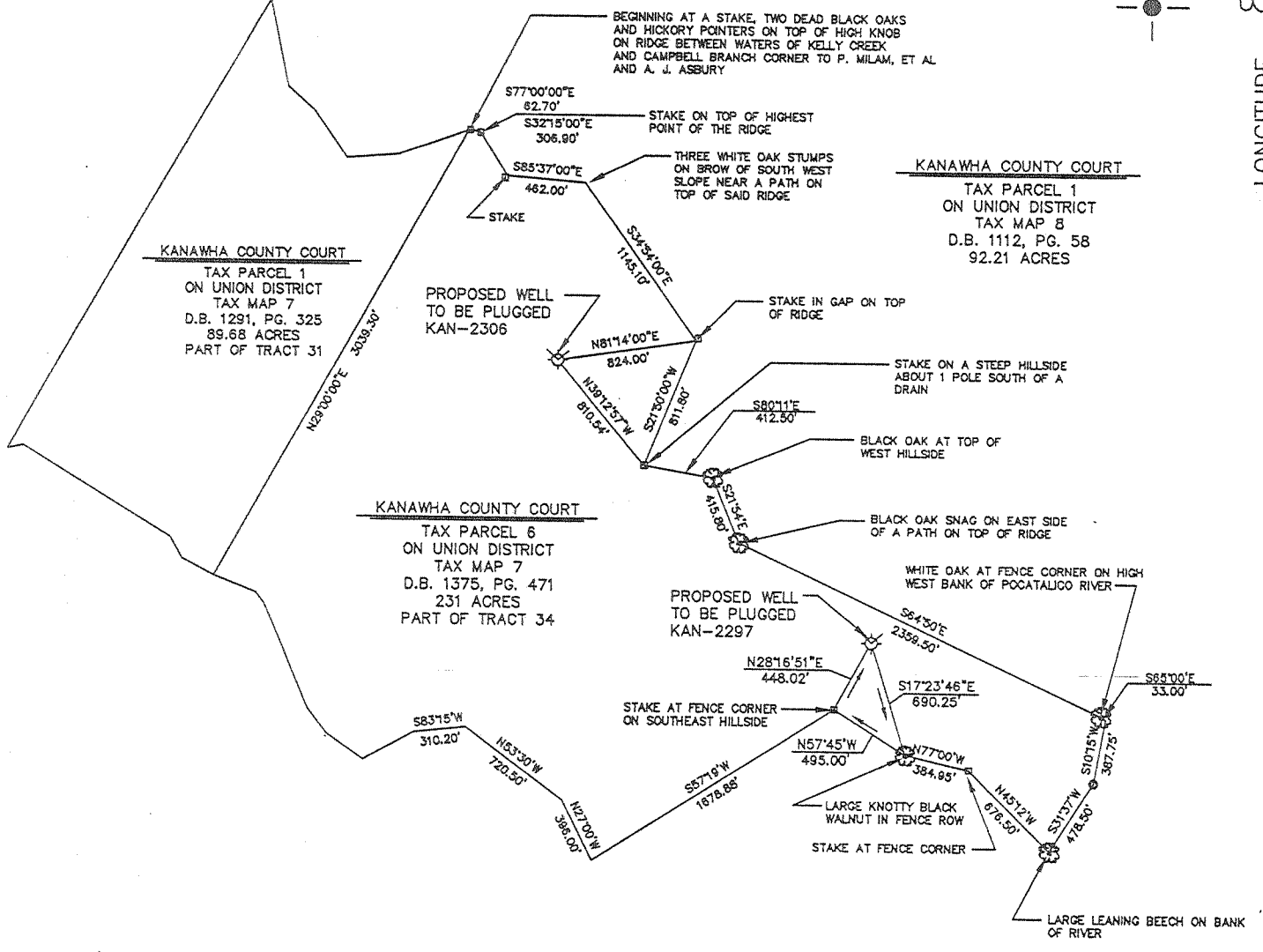
1500

LONGITUDE 81°42'30"

3050'

TOPO
 LOC

0.56
 0.28



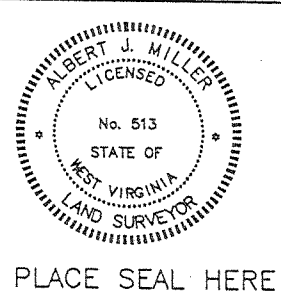
ALBERT J. MILLER
 LAND SURVEYORS
 P.O. BOX 991
 CLENDENIN, WEST VIRGINIA 25045
 (304) 548-6161

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

FILE No. _____
 DRAWING No. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 : 10,000
 PROVEN SOURCE OF ELEVATION GPS SURVEY

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) Albert J. Miller
 R.P.E. _____ R.P.S. 513



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 NITRO, WV

DATE SEPTEMBER 23 19 98
 OPERATOR'S WELL No. CPK - 15
 API WELL No. 47 039 02297P

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 739.55 WATER SHED 1 ST. LT. HAND BR. ABOVE CAMPBELL'S BR. TO POCATALICO RIVER TO KANAWHA RIVER
 DISTRICT UNION COUNTY KANAWHA
 QUADRANGLE POCATALICO

SURFACE OWNER KANAWHA COUNTY COURT ACREAGE 231
 OIL & GAS ROYALTY OWNER KANAWHA COUNTY COURT LEASE ACREAGE 231
 LEASE No. _____

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

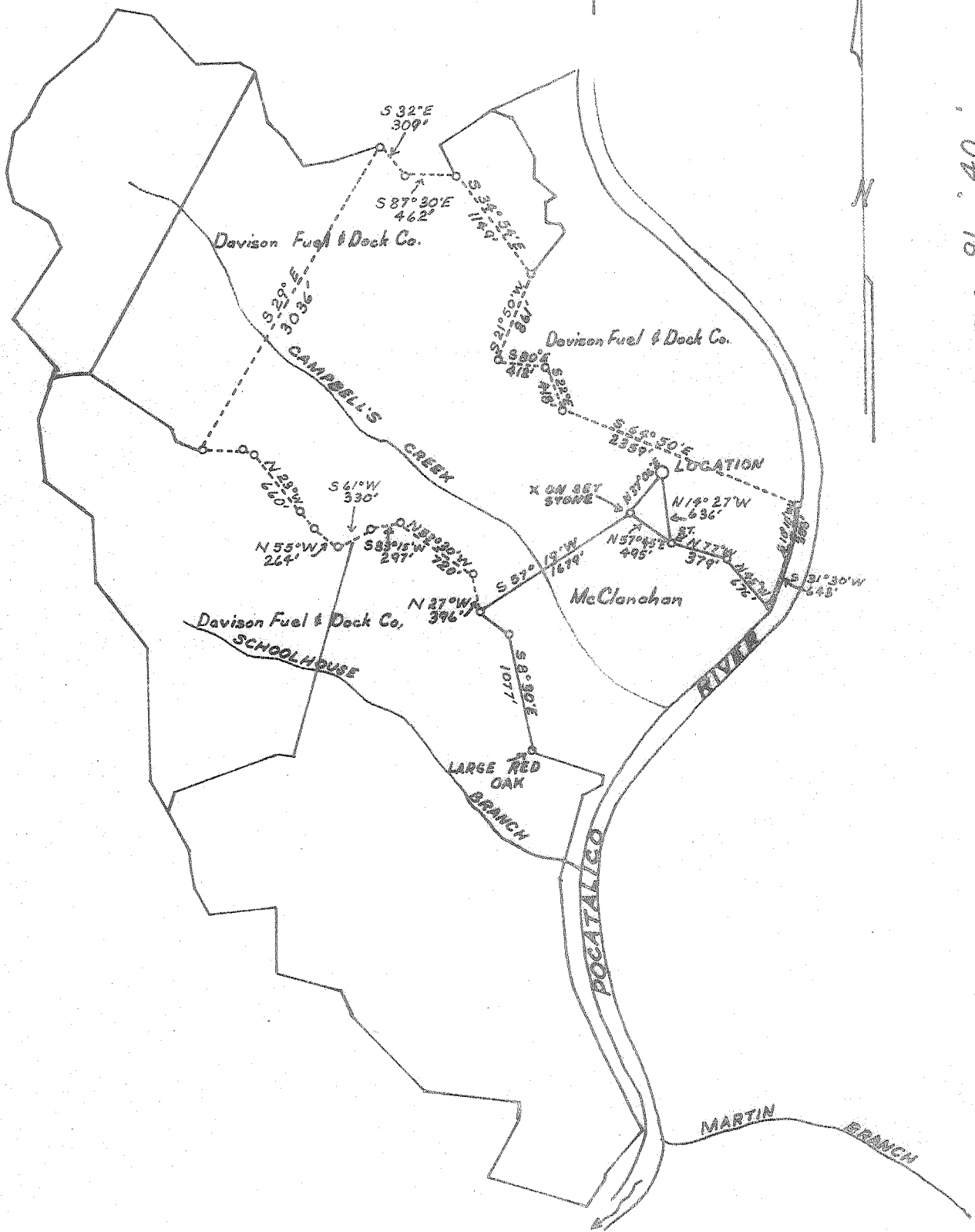
PLUG AND ABANDON CLEAN OUT AND REPLUG _____
 TARGET FORMATION NEWBURG ESTIMATED DEPTH 5545

WELL OPERATOR STEVE DUCKWORTH DESIGNATED AGENT STEVE DUCKWORTH
 ADDRESS P.O. BOX 6871 ADDRESS P.O. BOX 6871
CHARLESTON, WV 25362 CHARLESTON, WV 25362



KAN 2297P

SEP 28 1998



New Location . **MINIMUM ERROR OF CLOSURE: 1 IN 200**
 Drill Deeper **SOURCE OF ELEVATION: B.M.(616) 2000'E. OF MARTIN BR. SCHOOL**
 Redrill "I, the undersigned, hereby certify that this map is correct to the best of my knowl-
 Abandonment edge and belief and shows all the information required by paragraph 6 of the rules
 and regulations of the oil and gas section of the mining laws of West Virginia."
 RDR

Company CUMBERLAND GAS CO. & APPALACHIAN EXP. & DEV. INC.
 Address BOX 2386 CHARLESTON, W. VA.
 Farm DAVISON FUEL & DOCK CO.
 Tract _____ Acres 231 Lease No. GKP-1
 Well (Farm) No. 14 Serial No. _____
 Elevation (Spirit Level) 736.5
 Quadrangle CHARLESTON NW
 County KANAWHA District UNION
 Engineer G. H. Hall
 Engineer's Registration No. 2602
 File No. _____ Drawing No. _____
 Date 7-6-68 Scale 1" = 1320'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. KAN-2297-REV.

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 -- Denotes one inch spaces on border line of original tracing.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 12

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Charleston, N. W.

Permit No. Kanawha-2297-Rev.

WELL RECORD

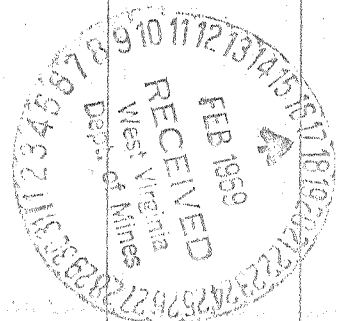
Oil or Gas Well Gas
(KIND)

Company Cumberland Gas Co. & Appalachian Explor. & Devel., Inc.
 Address P.O. Box 2386 & P.O. Box 628, Chas., W. Va.
 Farm Davison Fuel & Dock Company Acres 231
 Location (waters) Pocatalico
 Well No. Farm No. 14 (Serial No. CKP-15) 736.5
 District Union County Kanawha
 The surface of tract is owned in fee by Davison Fuel & Dock Co.
 Address Lower River Road, North Bend, Ohio
 Mineral rights are owned by Davison Fuel & Dock Co.
 Address Lower River Road, North Bend, Ohio
 Drilling commenced 9-10-68
 Drilling completed 9-20-68
 Date Shot From To
 With
 Open Flow /10ths Water in Inch
 /10ths Merc. in Inch
 Volume Cu. Ft.
 Back Pressure 1701 lbs. 72 hrs.
 Oil bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS)
 WELL FRACTURED (DETAILS) 1,000 gal. acid, 500 Bbl. water, 15,000# sand
 RESULT AFTER TREATMENT (Initial open Flow or bbls.) 1,000 Mcf. 1,000,000
 ROCK PRESSURE AFTER TREATMENT HOURS
 Fresh Water Feet 160 Salt Water Feet 1180
 Producing Sand Newburg Depth 5545

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13-3/8	64	64	
9-5/8	1851	1851	Size of
7	5510	5510	Depth set
5 3/16			
4 1/2			
3		5531	Perf. top
2-3/8			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record. (See back of sheet)
 CASING CEMENTED SIZE No. Ft. Date
 Amount of cement used (bags)
 Name of Service Co.
 COAL WAS ENCOUNTERED AT FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay & shale			0	60			
Sand & shale			60	1150	water		
Sand			1150	1600	water		
Big Lime			1600	1758		5545	5545
Sand			1758	1805		737	4797
Lime			1805	1850		4808	748
Shale			1850	2220			
Berea Sand			2220	2237			
Shale			2237	4694			
Lime			4694	4797			
Criskany			4797	4837	gas show		
Lime			4837	5545			
Newburg			5545	5556	gas		
Lime			5556	5572			
Total Depth				5572			



Formation	Color	Hard or Soft	Top 12	Bottom	Oil, Gas or Water	Depth Found	Remarks
Casing	Cement	Cement Co.	Date				
13-3/8	60 sacks	Halliburton	9-10-68				
9-5/8	600 "	"	9-15-68				
7	200 "	"	9-17-68				

Date February 13, 1969

APPROVED _____, Own
 CUMBERLAND GAS COMPANY
 By *J.C. Liming*
 J.C. Liming, Gen. (Title) Supt.